

## Disclaimer

The following report(s) provides findings from an FDA-initiated query using Sentinel. While Sentinel queries may be undertaken to assess potential medical product safety risks, they may also be initiated for various other reasons. Some examples include determining a rate or count of an identified health outcome of interest, examining medical product use, exploring the feasibility of future, more detailed analyses within Sentinel, and seeking to better understand Sentinel capabilities.

Data obtained through Sentinel are intended to complement other types of evidence such as preclinical studies, clinical trials, postmarket studies, and adverse event reports, all of which are used by FDA to inform regulatory decisions regarding medical product safety. The information contained in this report is provided as part of FDA's commitment to place knowledge acquired from Sentinel in the public domain as soon as possible. Any public health actions taken by FDA regarding products involved in Sentinel queries will continue to be communicated through existing channels.

FDA wants to emphasize that the fact that FDA has initiated a query involving a medical product and is reporting findings related to that query does not mean that FDA is suggesting health care practitioners should change their prescribing practices for the medical product or that patients taking the medical product should stop using it. Patients who have questions about the use of an identified medical product should contact their health care practitioners.

The following report contains a description of the request, request specifications, and results from the modular program run(s).

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## Overview for Request: cder\_mpl1p\_wp067

**Request ID:** cder\_mpl1p\_wp067

**Request Description:** In this report, we identified patients with Crohn's disease or ulcerative colitis in the Sentinel Distributed Database (SDD) and examined their uptake of ustekinumab, as well as rates of pneumonia among patients using comparator treatments (infliximab, adalimumab, or vedolizumab). This is the second report of an ongoing plan to monitor uptake of ustekinumab until sufficient treated person-time accrues to conduct a propensity-score-matched analysis of patients with either Crohn's disease or ulcerative colitis, comparing rates of serious infection among patients initiating ustekinumab to rates among patients initiating comparator treatments.

**Sentinel Routine Querying Module:** Cohort Identification and Descriptive Analysis (CIDA) module, version 10.1.0, with custom programming

**Data Source:** We distributed this request to six Sentinel Data Partners (DPs) on August 19, 2022. Data from Medicare patients having both fee-for-service medical coverage and Part D drug coverage are included. The study period included data from October 1, 2016 through February 28, 2022. Please see Appendix A for a list of dates of available data for each DP.

**Study Design:** We identified individuals between 18 and 75+ years of age with incident use of ustekinumab or comparator treatments and evaluated the occurrence of pneumonia during comparator exposure episodes. We included separate cohorts for patients with Crohn's disease and ulcerative colitis. The cohort selection period for all scenarios was October 1, 2016, through latest available data, except for the scenario for ulcerative colitis patients with use of ustekinumab, which had a cohort selection period of November 1, 2019 through latest available data. This is a Type 2 analysis in the Query Request Package (QRP) documentation.

**Exposures of Interest:** We defined the exposure of interest, ustekinumab, and the comparators of interest, infliximab, adalimumab, and vedolizumab, using National Drug Codes (NDCs) and Healthcare Common Procedure Coding System (HCPCS) procedure codes. We defined incident use as no prior dispensing or administration of ustekinumab or a comparator in the 183 days prior to the first qualifying dispensing (index). Incidence criteria were applied with respect to the index-defining drug only. Please see Appendix B for a list of non-proprietary and brand names of medical products and Appendix C for a list of procedure codes used to define exposures and comparators in this request.

**Outcomes of Interest:** We defined the outcome of interest as an inpatient diagnosis of pneumonia with no evidence of nosocomial origins. To avoid capture of nosocomial pneumonia events, we required the inpatient pneumonia diagnosis to be preceded by a diagnosis of any serious or non-serious infection in the outpatient or emergency department setting or any outpatient antimicrobial dispensing in the seven days prior to and including inpatient admission. We captured rates of pneumonia for patients with either Crohn's disease or ulcerative colitis using one of the comparator treatments. We did not assess the serious infection outcome, pneumonia, among the cohort of ustekinumab users. Please see Appendix D for a list of non-proprietary and brand names of medical products and Appendix E for a list of International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) diagnosis codes, and HCPCS, Current Procedural Terminology, Fourth Edition (CPT-4) and Second Edition (CPT Category II) procedure codes used to define outcome criteria in this request.

**Cohort Eligibility Criteria:** We required members to be enrolled in health plans with medical and drug coverage in the 183 days prior to their index date to be included in the cohort; a gap in coverage of up to 45 days was allowed and treated as continuous enrollment. We included the following age groups in the cohort: 18-24, 25-34, 35-44, 45-54, 55-64, 65-74, 75+ years.

**Inclusion Criteria:** For entry into the Crohn's disease cohorts, we required a diagnosis code for Crohn's disease in the 183 days prior to or on the index date. For entry into the ulcerative colitis cohorts, we required a diagnosis code for ulcerative colitis in the 183 days prior to or on the index date.

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**Exclusion Criteria:** We excluded from all cohorts individuals with a diagnosis of psoriasis, psoriatic arthritis, rheumatoid arthritis, ankylosing spondylitis, juvenile rheumatoid arthritis, hidradenitis suppurativa, or uveitis in the 183 days prior to and including the index date, and individuals with evidence of human immunodeficiency virus/acquired immunodeficiency syndrome (HIV/AIDS) or organ transplantation in their entire pre-index enrollment history including the index date. We excluded individuals with a diagnosis of Crohn's disease in the 183 days prior to and including the index date from the ulcerative colitis cohorts. We excluded individuals with a diagnosis of ulcerative colitis in the 183 days prior to and including the index date from the Crohn's disease cohorts. For all cohorts we excluded index exposure episodes if there was evidence of use of certolizumab pegol, golimumab, natalizumab, tofacitinib, ozanimod, or upadacitinib on the index date. For cohorts of ustekinumab users, we excluded index exposure episodes if there was evidence of use of infliximab, adalimumab, or vedolizumab on the index date. For cohorts of patients using comparator treatments, we excluded index exposure episodes if there was evidence of use of ustekinumab in the 183 days prior to and including the index date. For treatment-naive cohorts, we additionally excluded patients with evidence of use of one of the comparator treatments (infliximab, adalimumab, or vedolizumab) or evidence of use of certolizumab pegol, golimumab, natalizumab, tofacitinib, ozanimod, or upadacitinib in the 183 days prior to index dispensing.

Please see Appendix F for a list of non-proprietary and brand names of medical products and Appendix G for a list of ICD-10-CM diagnosis codes and HCPCS, CPT-4, and HCPCS and Third Edition (CPT Category III) procedure codes used to define inclusion and exclusion criteria in this request.

**Follow-up Time:** We created exposure episodes based on a 56-days' supply applied to ustekinumab, infliximab, and vedolizumab procedure codes and a 28-days' supply applied to adalimumab procedure codes, or on the number of days of product supplied per dispensing in the outpatient pharmacy dispensing. For ustekinumab, infliximab, and vedolizumab, if a gap of up to 56 days occurred between episodes of a particular treatment, we bridged these episodes into a single treatment episode. For adalimumab, we bridged consecutive episodes with gaps of less than 28 days. We added 56 days to the end of each ustekinumab, infliximab, and vedolizumab episode and 28 days to the end of each adalimumab episode. These treatment episodes defined our outcome assessment risk window for the comparator cohorts.

Follow-up began on the day of the index dispensing and continued until the first occurrence of any of the following: 1) disenrollment; 2) death; 3) the end of the data provided by each Data Partner; 4) the end of the query period; 5) occurrence of the outcome; 6) use of a non-index defining comparator drug (certolizumab pegol, golimumab, natalizumab, tofacitinib, infliximab, adalimumab, or vedolizumab); or 7) use of ustekinumab (in the comparator cohorts only). Please see Appendix H for a list of non-proprietary and brand names of medical products and Appendix I for a list of HCPCS procedure codes used to define censoring criteria in this request.

**Baseline Characteristics:** We assessed the following characteristics in the 183 days prior to and including the index date of ustekinumab or comparator dispensing: age, year, sex, combined comorbidity score<sup>1</sup>, abnormal weight loss, acquired hypothyroidism, acute myocardial infarction, alcohol or drug abuse, Alzheimer's disease/dementia, anemia, asthma, atrial fibrillation, benign prostatic hyperplasia, history of cancer, breast cancer, colorectal cancer, endometrial cancer, lung cancer, prostate cancer, cataract, chronic kidney disease, chronic obstructive pulmonary disease (COPD)/bronchiectasis, depression, diabetes, glaucoma, heart failure, hip/pelvic fracture, hyperlipemia, hypertension, inpatient serious infection, intestinal fistula, intestinal obstruction, ischemic heart disease, liver disease, obesity, osteoporosis, pancreatitis, rheumatoid arthritis/osteoarthritis, stroke/transient ischemic attack, and use of aminosalicilates, immunomodulators, intravenous corticosteroids, oral corticosteroids, rectal corticosteroids, antibiotics, antivirals, anticoagulants, antidiabetics, antihypertensive, antiplatelets, lipid-lowering drugs, non-steroidal anti-inflammatory drugs, and opioids.

We assessed the following characteristics in the 183 days prior but not including the index date: health service and drug utilization, gastrointestinal-related health service utilization, and use of adalimumab, certolizumab pegol, golimumab, infliximab, natalizumab, ozanimod, tofacitinib, upadacitinib, and vedolizumab.

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We also assessed evidence of a dispensing or administration of the following on the index date: certolizumab pegol, golimumab, natalizumab, ozanimod, tofacitinib, upadacitinib, infliximab, adalimumab, and vedolizumab.

Please see Appendix J for a list of non-proprietary and brand names of medical products and Appendix K for a list of ICD-10-CM diagnosis codes and HCPCS procedure codes used to define baseline characteristics in this request.

**Please see Appendices L, M, N, O and P for the specifications of parameters used in this request and a design diagram.**

**Limitations:** Algorithms to define exposures, outcomes, inclusion and exclusion criteria, and baseline characteristics are imperfect and may be misclassified. Additionally, death data in the SDD are incomplete. Therefore, data should be interpreted with these limitations in mind.

**Notes:** Please contact the Sentinel Operations Center ([info@sentinelssystem.org](mailto:info@sentinelssystem.org)) for questions and to provide comments/suggestions for future enhancements to this document. For more information on Sentinel's routine querying modules, please refer to the documentation (<https://dev.sentinelssystem.org/projects/SENTINEL/repos/sentinel-routine-querying-tool-documentation/browse>).

<sup>1</sup>The Combined Comorbidity Score is calculated based on comorbidities observed during a requester-defined window around the exposure episode start date. (Gagne JJ, Glynn RJ, Avorn J, Levin R, Schneeweiss S. A Combined Comorbidity Score Predicted Mortality in Elderly Patients Better Than Existing Scores. *J Clin Epidemiol.* 2011;64(7):749-759; Sun JW, Rogers JR, Her Q, Welch EC, Panozzo CA, Toh S, Gagne JJ. Adaptation and Validation of the Combined Comorbidity Score for ICD-10-CM. *Med Care.* 2017;55(12):1046-1051)

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## Glossary of Terms for Analyses Using Cohort Identification and Descriptive Analysis (CIDA) Module\*

**Amount Supplied** - number of units (pills, tablets, vials) dispensed. Net amount per NDC per dispensing.

**Blackout Period** - number of days at the beginning of a treatment episode that events are to be ignored. If an event occurs during the blackout period, the episode is excluded.

**Care Setting** - type of medical encounter or facility where the exposure, event, or condition code was recorded. Possible care settings include: Inpatient Hospital Stay (IP), Non-Acute Institutional Stay (IS), Emergency Department (ED), Ambulatory Visit (AV), and Other Ambulatory Visit (OA). For laboratory results, possible care settings include: Emergency Department (E), Home (H), Inpatient (I), Outpatient (O), or Unknown or Missing (U). The Care Setting, along with the Principal Diagnosis Indicator (PDX), forms the Care Setting/PDX parameter.

**Ambulatory Visit (AV)** - includes visits at outpatient clinics, same-day surgeries, urgent care visits, and other same-day ambulatory hospital encounters, but excludes emergency department encounters.

**Emergency Department (ED)** - includes ED encounters that become inpatient stays (in which case inpatient stays would be a separate encounter). Excludes urgent care visits.

**Inpatient Hospital Stay (IP)** - includes all inpatient stays, same-day hospital discharges, hospital transfers, and acute hospital care where the discharge is after the admission date.

**Non-Acute Institutional Stay (IS)** - includes hospice, skilled nursing facility (SNF), rehab center, nursing home, residential, overnight non-hospital dialysis and other non-hospital stays.

**Other Ambulatory Visit (OA)** - includes other non overnight AV encounters such as hospice visits, home health visits, skilled nursing facility visits, other non-hospital visits, as well as telemedicine, telephone and email consultations.

**Charlson/Elixhauser Combined Comorbidity Score** - calculated based on comorbidities observed during a requester-defined window around the exposure episode start date (e.g., in the 183 days prior to index).

**Code Days** - the minimum number of times the diagnosis must be found during the evaluation period in order to fulfill the algorithm to identify the corresponding patient characteristic.

**Cohort Definition (drug/exposure)** - indicates how the cohort will be defined: 01: Cohort includes only the first valid treatment episode during the query period; 02: Cohort includes all valid treatment episodes during the query period; 03: Cohort includes all valid treatment episodes during the query period until an event occurs.

**Computed Start Marketing Date** - represents the first observed dispensing date among all valid users within a GROUP (scenario) within each Data Partner site.

**Days Supplied** - number of days supplied for all dispensings in qualifying treatment episodes.

**Eligible Members** - number of members eligible for an incident treatment episode (defined by the drug/exposure and event washout periods) with drug and medical coverage during the query period.

**Enrollment Gap** - number of days allowed between two consecutive enrollment periods without breaking a "continuously enrolled" sequence.

**Episodes** - treatment episodes; length of episode is determined by days supplied in one dispensing or consecutive dispensings bridged by the episode gap.

**Episode Gap** - number of days allowed between two (or more) consecutive exposures (dispensings/procedures) to be considered the same treatment episode.

**Event Deduplication** - specifies how events are counted by the Modular Program (MP) algorithm: 0: Counts all occurrences of a health outcome of interest (HOI) during an exposure episode; 1: de-duplicates occurrences of the same HOI code and code type on the same day; 2: de-duplicates occurrences of the same HOI group on the same day (e.g., de-duplicates at the group level).

**Exposure Episode Length** - number of days after exposure initiation that is considered "exposed time."

**Exposure Extension Period** - number of days post treatment period in which the outcomes/events are counted for a treatment episode. Extensions are added after any episode gaps have been bridged.

**Lookback Period** - number of days wherein a member is required to have evidence of pre-existing condition (diagnosis/procedure/drug dispensing).

**Maximum Episode Duration** - truncates exposure episodes after a requester-specified number of exposed days. Applied after any gaps are bridged and extension days added to the length of the exposure episode.

**Member-Years** - sum of all days of enrollment with medical and drug coverage in the query period preceded by an exposure washout period all divided by 365.25.

**Minimum Days Supplied** - specifies a minimum number of days in length of the days supplied for the episode to be considered.

**Minimum Episode Duration** - specifies a minimum number of days in length of the episode for it to be considered. Applied after any gaps are bridged and extension days added to the length of the exposure episode.

**Monitoring Period** - used to define time periods of interest for both sequential analysis and simple cohort characterization requests.

**Principal Diagnosis (PDX)** - diagnosis or condition established to be chiefly responsible for admission of the patient to the hospital. 'P' = principal diagnosis, 'S' = secondary diagnosis, 'X' = unspecified diagnosis, '.' = blank. Along with the Care Setting values, forms the Caresetting/PDX parameter.

**Query Period** - period in which the modular program looks for exposures and outcomes of interest.

**Switch Evaluation Step Value** - value used to differentiate evaluation step. Each switch pattern can support up to 2 evaluation steps (0 = switch pattern evaluation start; 1 = first evaluation; 2 = second evaluation).

**Switch Gap Inclusion Indicator** - indicator for whether gaps in treatment episodes that are included in a switch episode will be counted as part of the switch episode duration.

**Switch Pattern Cohort Inclusion Date** - indicates which date to use for inclusion into the switch pattern cohort of interest as well as optionally as the index date of the treatment episode initiating the switch pattern. Valid options are the product approval date, product marketing date, other requester defined date, or computed start marketing date.

**Switch Pattern Cohort Inclusion Strategy** - indicates how the switch pattern cohort inclusion date will be used: 01: used only as a switch cohort entry date. First treatment episode dispensing date is used as index for computing time to first switch; 02: used as switch cohort entry date and as initial switch step index date for computing time to first switch.

**Treatment Episode Truncation Indicator** - indicates whether the exposure episode will be truncated at the occurrence of a requester-specified code.

**Washout Period (drug/exposure)** - number of days a user is required to have no evidence of prior exposure (drug dispensing/procedure) and continuous drug and medical coverage prior to an incident treatment episode.

**Washout Period (event/outcome)** - number of days a user is required to have no evidence of a prior event (procedure/diagnosis) and continuous drug and medical coverage prior to an incident treatment episode.

**Years at Risk** - number of days supplied plus any episode gaps and exposure extension periods all divided by 365.25.

\*all terms may not be used in this report



**Table 1a. Aggregated Baseline Table for Crohn's Disease with Ustekinumab in the Sentinel Distributed Database (SDD) between October 1, 2016 and February 28, 2022**

<b>Characteristic</b>	<b>Number</b>	<b>Percent</b>
Number of episodes	13,581	N/A
Number of unique patients	13,581	N/A
<b>Demographics</b>	<b>Mean</b>	<b>Standard Deviation</b>
Mean Age (Years)	49.9	14.7
<b>Age (Years)</b>	<b>Number</b>	<b>Percent</b>
18-24	1,117	8.2%
25-34	2,147	15.8%
35-44	2,553	18.8%
45-54	2,265	16.7%
55-64	1,941	14.3%
65-74	2,608	19.2%
75+	950	7.0%
<b>Sex</b>		
Female	7,748	57.1%
Male	5,833	42.9%
<b>Race</b>		
Unknown	7,205	53.1%
American Indian or Alaska Native	*****	*****
Asian	53	0.4%
Black or African American	587	4.3%
Native Hawaiian or Other Pacific Islander	*****	*****
White	5,712	42.1%
Hispanic Origin	112	0.8%
<b>Year</b>		
2016	250	1.8%
2017	2,161	15.9%
2018	2,507	18.5%
2019	2,912	21.4%
2020	2,713	20.0%
2021	2,908	21.4%
2022	130	1.0%
<b>Recorded History of Conditions From [-183, 0 days]</b>	<b>Mean</b>	<b>Standard Deviation</b>
Charlson/Elixhauser Combined Comorbidity Score <sup>1</sup>	1.6	2.1
	<b>Number</b>	<b>Percent</b>
Abnormal weight loss	1,778	13.1%
Acquired hypothyroidism	1,442	10.6%
Acute myocardial infarction	85	0.6%
Alcohol or drug abuse	915	6.7%
Alzheimers disease/Dementia	117	0.9%

**Table 1a. Aggregated Baseline Table for Crohn's Disease with Ustekinumab in the Sentinel Distributed Database (SDD) between October 1, 2016 and February 28, 2022**

<b>Recorded History of Conditions From [-183, 0 days]</b>	<b>Number</b>	<b>Percent</b>
Anemia	4,831	35.6%
Asthma	1,154	8.5%
Atrial fibrillation	562	4.1%
Benign prostatic hyperplasia	640	4.7%
Cancer: History	952	7.0%
Cancer: Breast	204	1.5%
Cancer: Colorectal	180	1.3%
Cancer: Endometrial	26	0.2%
Cancer: Lung	42	0.3%
Cancer: Prostate	160	1.2%
Cataract	994	7.3%
Chronic kidney disease	1,072	7.9%
COPD/bronchiectasis	1,054	7.8%
Depression	3,045	22.4%
Diabetes	1,405	10.3%
Glaucoma	597	4.4%
Heart failure	497	3.7%
Hip/pelvic fracture	27	0.2%
Hyperlipidemia	3,065	22.6%
Hypertension	4,324	31.8%
Serious infection	972	7.2%
Intestine: fistula	2,727	20.1%
Intestine: obstruction	3,752	27.6%
Ischemic heart disease	940	6.9%
Liver disease	1,579	11.6%
Obesity	2,155	15.9%
Osteoporosis	1,151	8.5%
Pancolitis	0	0.0%
Rheumatoid arthritis/osteoarthritis	2,419	17.8%
Stroke/TIA	218	1.6%
<b>Recorded Use on Index Date</b>	<b>Number</b>	<b>Percent</b>
Biologic immunosuppressants		
Adalimumab on index date	0	0.0%
Infliximab on index date	0	0.0%
Vedolizumab on index date	0	0.0%
Certolizumab pegol on index date	0	0.0%
Golimumab on index date	0	0.0%
Natalizumab on index date	0	0.0%
Ozanimod on index date	0	0.0%

**Table 1a. Aggregated Baseline Table for Crohn's Disease with Ustekinumab in the Sentinel Distributed Database (SDD) between October 1, 2016 and February 28, 2022**

<b>Recorded Use on Index Date</b>	<b>Number</b>	<b>Percent</b>
Tofacitinib on index date	0	0.0%
Upadacitinib on index date	0	0.0%
Any comparator on index date	0	0.0%
<b>Recorded History of Use From [-183, -1 days]</b>	<b>Number</b>	<b>Percent</b>
<b>Biologic immunosuppressants</b>		
Adalimumab	2,944	21.7%
Certolizumab pegol	616	4.5%
Golimumab	33	0.2%
Infliximab	1,826	13.4%
Natalizumab	*****	*****
Ozanimod	0	0.0%
Tofacitinib	*****	*****
Upadacitinib	0	0.0%
Vedolizumab	2,184	16.1%
Any comparator	7,373	54.3%
<b>Recorded History of Use From [-183, 0 days]</b>	<b>Number</b>	<b>Percent</b>
<b>IBD treatments</b>		
Aminosalicilates	1,946	14.3%
Immunomodulators	13,581	100.0%
Corticosteroids: IV	1,841	13.6%
Corticosteroids: oral	5,927	43.6%
Corticosteroids: rectal	304	2.2%
<b>Other</b>		
Antibiotics	6,624	48.8%
Antivirals	920	6.8%
Anticoagulants	1,406	10.4%
Antidiabetics	947	7.0%
Antihypertensives	2,774	20.4%
Antiplatelets	315	2.3%
Lipid-lowering drugs	3,087	22.7%
Non-steroidal anti-inflammatory drugs	1,425	10.5%
Opioids	4,819	35.5%
<b>Health Service Utilization Intensity From [-183, -1 days]</b>	<b>Mean</b>	<b>Standard Deviation</b>
Mean number of unique drug classes	7.5	4.7
<b>Number of days with an emergency department encounter</b>		<b>Percent</b>
0-1	11,991	88.3%
2-3	1,160	8.5%
4+	430	3.2%

**Table 1a. Aggregated Baseline Table for Crohn's Disease with Ustekinumab in the Sentinel Distributed Database (SDD) between October 1, 2016 and February 28, 2022**

<b>Health Service Utilization Intensity From [-183, -1 days]</b>	<b>Number</b>	<b>Percent</b>
Number of days with an outpatient encounter		
0-1	154	1.1%
2-3	712	5.2%
4+	12,715	93.6%
Number of days with an inpatient encounter		
0-1	12,539	92.3%
2-3	872	6.4%
4+	170	1.3%
Number of days with a gastrointestinal (GI)-related emergency department encounter		
0-1	12,684	93.4%
2-3	680	5.0%
4+	217	1.6%
Number of days with a GI-related inpatient encounter		
0-1	13,134	96.7%
2-3	407	3.0%
4+	40	0.3%

<sup>1</sup>The Charlson/Elixhauser Combined Comorbidity Score is calculated based on comorbidities observed during a requester-defined window around the exposure episode start date (index date).

\*\*\*\*\*Data are not presented in these cells due to a small sample size or to assure a small cell cannot be recalculated through the cells presented.

**Table 1b. Aggregated Baseline Table for Crohn's Disease with Comparators and Acute Pneumonia Outcome Assessment in the Sentinel Distributed Database (SDD) between October 1, 2016 and February 28, 2022**

<b>Characteristic</b>	<b>Number</b>	<b>Percent</b>
Number of episodes	32,717	N/A
Number of unique patients	32,717	N/A
<b>Demographics</b>	<b>Mean</b>	<b>Standard Deviation</b>
Mean Age (Years)	49.4	14.9
<b>Age (Years)</b>	<b>Number</b>	<b>Percent</b>
18-24	3,512	10.7%
25-34	5,473	16.7%
35-44	5,455	16.7%
45-54	4,854	14.8%
55-64	4,282	13.1%
65-74	6,652	20.3%
75+	2,489	7.6%
<b>Sex</b>		
Female	17,747	54.2%
Male	14,970	45.8%
<b>Race</b>		
Unknown	17,785	54.4%
American Indian or Alaska Native	65	0.2%
Asian	124	0.4%
Black or African American	1,408	4.3%
Native Hawaiian or Other Pacific Islander	16	0.0%
White	13,319	40.7%
Hispanic Origin	271	0.8%
<b>Year</b>		
2016	1,978	6.0%
2017	6,889	21.1%
2018	6,760	20.7%
2019	6,097	18.6%
2020	5,538	16.9%
2021	5,206	15.9%
2022	249	0.8%
<b>Recorded History of Conditions From [-183, 0 days]</b>	<b>Mean</b>	<b>Standard Deviation</b>
Charlson/Elixhauser Combined Comorbidity Score <sup>1</sup>	1.5	2.1
	<b>Number</b>	<b>Percent</b>
Abnormal weight loss	4,145	12.7%
Acquired hypothyroidism	3,356	10.3%
Acute myocardial infarction	248	0.8%
Alcohol or drug abuse	2,087	6.4%
Alzheimers disease/Dementia	377	1.2%

**Table 1b. Aggregated Baseline Table for Crohn's Disease with Comparators and Acute Pneumonia Outcome Assessment in the Sentinel Distributed Database (SDD) between October 1, 2016 and February 28, 2022**

<b>Recorded History of Conditions From [-183, 0 days]</b>	<b>Number</b>	<b>Percent</b>
Anemia	10,229	31.3%
Asthma	2,771	8.5%
Atrial fibrillation	1,505	4.6%
Benign Prostatic Hyperplasia	1,556	4.8%
Cancer: History	2,439	7.5%
Cancer: Breast	546	1.7%
Cancer: Colorectal	371	1.1%
Cancer: Endometrial	76	0.2%
Cancer: Lung	204	0.6%
Cancer: Prostate	416	1.3%
Cataract	2,401	7.3%
Chronic kidney disease	2,458	7.5%
COPD/bronchiectasis	2,912	8.9%
Depression	6,617	20.2%
Diabetes	3,787	11.6%
Glaucoma	1,386	4.2%
Heart failure	1,204	3.7%
Hip/pelvic fracture	72	0.2%
Hyperlipidemia	8,220	25.1%
Hypertension	10,952	33.5%
Serious infection	2,365	7.2%
Intestine: fistula	5,115	15.6%
Intestine: obstruction	7,267	22.2%
Ischemic heart disease	2,549	7.8%
Liver disease	3,554	10.9%
Obesity	5,241	16.0%
Osteoporosis	2,019	6.2%
Pancolitis	0	0.0%
Rheumatoid arthritis/osteoarthritis	5,651	17.3%
Stroke/TIA	568	1.7%
<b>Recorded Use on Index Date</b>	<b>Number</b>	<b>Percent</b>
Biologic immunosuppressants		
Adalimumab on index date	12,298	37.6%
Infliximab on index date	10,676	32.6%
Vedolizumab on index date	9,787	29.9%
Certolizumab pegol on index date	0	0.0%
Golimumab on index date	0	0.0%
Natalizumab on index date	0	0.0%
Ozanimod on index date	0	0.0%

**Table 1b. Aggregated Baseline Table for Crohn's Disease with Comparators and Acute Pneumonia Outcome Assessment in the Sentinel Distributed Database (SDD) between October 1, 2016 and February 28, 2022**

<b>Recorded Use on Index Date</b>	<b>Number</b>	<b>Percent</b>
Tofacitinib on index date	0	0.0%
Upadacitinib on index date	0	0.0%
Any comparator on index date	32,717	100.0%
<b>Recorded History of Use From [-183, -1 days]</b>	<b>Number</b>	<b>Percent</b>
<b>Biologic immunosuppressants</b>		
Adalimumab	1,672	5.1%
Certolizumab pegol	600	1.8%
Golimumab	23	0.1%
Infliximab	2,011	6.1%
Natalizumab	*****	*****
Ozanimod	*****	*****
Tofacitinib	13	0.0%
Upadacitinib	0	0.0%
Vedolizumab	390	1.2%
Any comparator	4,669	14.3%
<b>Recorded History of Use From [-183, 0 days]</b>	<b>Number</b>	<b>Percent</b>
<b>IBD treatments</b>		
Aminosalicilates	7,255	22.2%
Immunomodulators	26,526	81.1%
Corticosteroids: IV	4,409	13.5%
Corticosteroids: oral	13,639	41.7%
Corticosteroids: rectal	541	1.7%
<b>Other</b>		
Antibiotics	15,585	47.6%
Antivirals	1,860	5.7%
Anticoagulants	2,843	8.7%
Antidiabetics	2,635	8.1%
Antihypertensives	7,225	22.1%
Antiplatelets	810	2.5%
Lipid-lowering drugs	7,563	23.1%
Non-steroidal anti-inflammatory drugs	3,888	11.9%
Opioids	10,854	33.2%
<b>Health Service Utilization Intensity From [-183, -1 days]</b>	<b>Mean</b>	<b>Standard Deviation</b>
Mean number of unique drug classes	7.1	4.8
<b>Number of days with an emergency department encounter</b>	<b>Number</b>	<b>Percent</b>
0-1	28,874	88.3%
2-3	2,842	8.7%
4+	1,001	3.1%

**Table 1b. Aggregated Baseline Table for Crohn's Disease with Comparators and Acute Pneumonia Outcome Assessment in the Sentinel Distributed Database (SDD) between October 1, 2016 and February 28, 2022**

<b>Health Service Utilization Intensity From [-183, -1 days]</b>	<b>Number</b>	<b>Percent</b>
Number of days with an outpatient encounter		
0-1	934	2.9%
2-3	2,477	7.6%
4+	29,306	89.6%
Number of days with an inpatient encounter		
0-1	30,306	92.6%
2-3	2,078	6.4%
4+	333	1.0%
Number of days with a gastrointestinal (GI)-related emergency department encounter		
0-1	30,813	94.2%
2-3	1,496	4.6%
4+	408	1.2%
Number of days with a GI-related inpatient encounter		
0-1	31,810	97.2%
2-3	851	2.6%
4+	56	0.2%

<sup>1</sup>The Charlson/Elixhauser Combined Comorbidity Score is calculated based on comorbidities observed during a requester-defined window around the exposure episode start date (index date).

\*\*\*\*Data are not presented in these cells due to a small sample size or to assure a small cell cannot be recalculated through the cells presented.



**Table 1c. Aggregated Baseline Table for Crohn's Disease with Treatment Naïve Comparators and Acute Pneumonia Outcome Assessment in the Sentinel Distributed Database (SDD) between October 1, 2016 and February 28, 2022**

<b>Characteristic</b>	<b>Number</b>	<b>Percent</b>
Number of episodes	28,216	N/A
Number of unique patients	28,216	N/A
<b>Demographics</b>	<b>Mean</b>	<b>Standard Deviation</b>
Mean Age (Years)	49.5	14.9
<b>Age (Years)</b>	<b>Number</b>	<b>Percent</b>
18-24	3,049	10.8%
25-34	4,690	16.6%
35-44	4,678	16.6%
45-54	4,182	14.8%
55-64	3,706	13.1%
65-74	5,727	20.3%
75+	2,184	7.7%
Sex		
Female	15,270	54.1%
Male	12,946	45.9%
Race		
Unknown	15,404	54.6%
American Indian or Alaska Native	57	0.2%
Asian	106	0.4%
Black or African American	1,229	4.4%
Native Hawaiian or Other Pacific Islander	13	0.0%
White	11,407	40.4%
Hispanic Origin	238	0.8%
Year		
2016	1,563	5.5%
2017	5,720	20.3%
2018	5,945	21.1%
2019	5,326	18.9%
2020	4,824	17.1%
2021	4,610	16.3%
2022	228	0.8%
<b>Recorded History of Conditions From [-183, 0 days]</b>	<b>Mean</b>	<b>Standard Deviation</b>
Charlson/Elixhauser Combined Comorbidity Score <sup>1</sup>	1.6	2.1
	<b>Number</b>	<b>Percent</b>
Abnormal weight loss	3,658	13.0%
Acquired hypothyroidism	2,927	10.4%
Acute myocardial infarction	215	0.8%
Alcohol or drug abuse	1,837	6.5%
Alzheimers disease/Dementia	344	1.2%

**Table 1c. Aggregated Baseline Table for Crohn's Disease with Treatment Naïve Comparators and Acute Pneumonia Outcome Assessment in the Sentinel Distributed Database (SDD) between October 1, 2016 and February 28, 2022**

<b>Recorded History of Conditions From [-183, 0 days]</b>	<b>Number</b>	<b>Percent</b>
Anemia	8,773	31.1%
Asthma	2,407	8.5%
Atrial fibrillation	1,304	4.6%
Benign Prostatic Hyperplasia	1,355	4.8%
Cancer: History	2,155	7.6%
Cancer: Breast	479	1.7%
Cancer: Colorectal	335	1.2%
Cancer: Endometrial	66	0.2%
Cancer: Lung	184	0.7%
Cancer: Prostate	362	1.3%
Cataract	2,035	7.2%
Chronic kidney disease	2,124	7.5%
COPD/bronchiectasis	2,562	9.1%
Depression	5,750	20.4%
Diabetes	3,250	11.5%
Glaucoma	1,188	4.2%
Heart failure	1,072	3.8%
Hip/pelvic fracture	63	0.2%
Hyperlipidemia	7,111	25.2%
Hypertension	9,487	33.6%
Serious infection	2,083	7.4%
Intestine: fistula	4,340	15.4%
Intestine: obstruction	6,338	22.5%
Ischemic heart disease	2,230	7.9%
Liver disease	3,087	10.9%
Obesity	4,523	16.0%
Osteoporosis	1,683	6.0%
Pancolitis	0	0.0%
Rheumatoid arthritis/osteoarthritis	4,837	17.1%
Stroke/TIA	497	1.8%
<b>Recorded Use on Index Date</b>	<b>Number</b>	<b>Percent</b>
Biologic immunosuppressants		
Adalimumab on index date	11,317	40.1%
Infliximab on index date	9,572	33.9%
Vedolizumab on index date	7,327	26.0%
Certolizumab pegol on index date	0	0.0%
Golimumab on index date	0	0.0%
Natalizumab on index date	0	0.0%
Ozanimod on index date	0	0.0%

**Table 1c. Aggregated Baseline Table for Crohn's Disease with Treatment Naïve Comparators and Acute Pneumonia Outcome Assessment in the Sentinel Distributed Database (SDD) between October 1, 2016 and February 28, 2022**

<b>Recorded Use on Index Date</b>	<b>Number</b>	<b>Percent</b>
Tofacitinib on index date	0	0.0%
Upadacitinib on index date	0	0.0%
Any comparator on index date	28,216	100.0%
<b>Recorded History of Use From [-183, -1 days]</b>	<b>Number</b>	<b>Percent</b>
<b>Biologic immunosuppressants</b>		
Adalimumab	0	0.0%
Certolizumab pegol	0	0.0%
Golimumab	0	0.0%
Infliximab	0	0.0%
Natalizumab	0	0.0%
Ozanimod	0	0.0%
Tofacitinib	0	0.0%
Upadacitinib	0	0.0%
Vedolizumab	0	0.0%
Any comparator	0	0.0%
<b>Recorded History of Use From [-183, 0 days]</b>	<b>Number</b>	<b>Percent</b>
<b>IBD treatments</b>		
Aminosalicilates	6,518	23.1%
Immunomodulators	21,952	77.8%
Corticosteroids: IV	3,596	12.7%
Corticosteroids: oral	11,632	41.2%
Corticosteroids: rectal	431	1.5%
<b>Other</b>		
Antibiotics	13,269	47.0%
Antivirals	1,541	5.5%
Anticoagulants	2,429	8.6%
Antidiabetics	2,259	8.0%
Antihypertensives	6,230	22.1%
Antiplatelets	716	2.5%
Lipid-lowering drugs	6,446	22.8%
Non-steroidal anti-inflammatory drugs	3,368	11.9%
Opioids	9,237	32.7%
<b>Health Service Utilization Intensity From [-183, -1 days]</b>	<b>Mean</b>	<b>Standard Deviation</b>
Mean number of unique drug classes	6.9	4.7
	<b>Number</b>	<b>Percent</b>
Number of days with an emergency department encounter		
0-1	24,842	88.0%
2-3	2,489	8.8%
4+	885	3.1%

**Table 1c. Aggregated Baseline Table for Crohn's Disease with Treatment Naïve Comparators and Acute Pneumonia Outcome Assessment in the Sentinel Distributed Database (SDD) between October 1, 2016 and February 28, 2022**

<b>Health Service Utilization Intensity From [-183, -1 days]</b>	<b>Number</b>	<b>Percent</b>
Number of days with an outpatient encounter		
0-1	914	3.2%
2-3	2,306	8.2%
4+	24,996	88.6%
Number of days with an inpatient encounter		
0-1	26,073	92.4%
2-3	1,850	6.6%
4+	293	1.0%
Number of days with a gastrointestinal (GI)-related emergency department encounter		
0-1	26,579	94.2%
2-3	1,290	4.6%
4+	347	1.2%
Number of days with a GI-related inpatient encounter		
0-1	27,424	97.2%
2-3	743	2.6%
4+	49	0.2%

<sup>1</sup>The Charlson/Elixhauser Combined Comorbidity Score is calculated based on comorbidities observed during a requester-defined window around the exposure episode start date (index date).

\*\*\*\*Data are not presented in these cells due to a small sample size or to assure a small cell cannot be recalculated through the cells presented.

**Table 1d. Aggregated Baseline Table for Ulcerative Colitis with Comparators and Acute Pneumonia Outcome Assessment in the Sentinel Distributed Database (SDD) between October 1, 2016 and February 28, 2022**

<b>Characteristic</b>	<b>Number</b>	<b>Percent</b>
Number of episodes	25,297	N/A
Number of unique patients	25,297	N/A
<b>Demographics</b>	<b>Mean</b>	<b>Standard Deviation</b>
Mean Age (Years)	51.8	13.9
<b>Age (Years)</b>	<b>Number</b>	<b>Percent</b>
18-24	2,268	9.0%
25-34	3,968	15.7%
35-44	3,974	15.7%
45-54	3,327	13.2%
55-64	3,064	12.1%
65-74	6,009	23.8%
75+	2,687	10.6%
<b>Sex</b>		
Female	12,278	48.5%
Male	13,019	51.5%
<b>Race</b>		
Unknown	14,727	58.2%
American Indian or Alaska Native	30	0.1%
Asian	156	0.6%
Black or African American	596	2.4%
Native Hawaiian or Other Pacific Islander	14	0.1%
White	9,774	38.6%
Hispanic Origin	271	1.1%
<b>Year</b>		
2016	1,195	4.7%
2017	4,692	18.5%
2018	4,863	19.2%
2019	4,967	19.6%
2020	4,704	18.6%
2021	4,655	18.4%
2022	221	0.9%
<b>Recorded History of Conditions From [-183, 0 days]</b>	<b>Mean</b>	<b>Standard Deviation</b>
Charlson/Elixhauser Combined Comorbidity Score <sup>1</sup>	1.5	2.2
	<b>Number</b>	<b>Percent</b>
Abnormal weight loss	3,073	12.1%
Acquired hypothyroidism	2,756	10.9%
Acute myocardial infarction	171	0.7%
Alcohol or drug abuse	799	3.2%
Alzheimers disease/Dementia	307	1.2%

**Table 1d. Aggregated Baseline Table for Ulcerative Colitis with Comparators and Acute Pneumonia Outcome Assessment in the Sentinel Distributed Database (SDD) between October 1, 2016 and February 28, 2022**

<b>Recorded History of Conditions From [-183, 0 days]</b>	<b>Number</b>	<b>Percent</b>
Anemia	7,722	30.5%
Asthma	1,870	7.4%
Atrial fibrillation	1,260	5.0%
Benign prostatic hyperplasia	1,458	5.8%
Cancer: History	2,356	9.3%
Cancer: Breast	522	2.1%
Cancer: Colorectal	218	0.9%
Cancer: Endometrial	55	0.2%
Cancer: Lung	273	1.1%
Cancer: Prostate	557	2.2%
Cataract	2,006	7.9%
Chronic kidney disease	1,448	5.7%
COPD/bronchiectasis	1,818	7.2%
Depression	3,784	15.0%
Diabetes	3,305	13.1%
Glaucoma	1,251	4.9%
Heart failure	927	3.7%
Hip/pelvic fracture	48	0.2%
Hyperlipidemia	7,669	30.3%
Hypertension	8,601	34.0%
Serious infection	1,263	5.0%
Intestine: fistula	300	1.2%
Intestine: obstruction	492	1.9%
Ischemic heart disease	2,265	9.0%
Liver disease	2,171	8.6%
Obesity	3,826	15.1%
Osteoporosis	1,278	5.1%
Pancolitis	13,145	52.0%
Rheumatoid arthritis/osteoarthritis	4,174	16.5%
Stroke/TIA	497	2.0%
<b>Recorded Use on Index Date</b>	<b>Number</b>	<b>Percent</b>
Biologic immunosuppressants		
Adalimumab on index date	7,593	30.0%
Infliximab on index date	7,431	29.4%
Vedolizumab on index date	10,307	40.7%
Certolizumab pegol on index date	0	0.0%
Golimumab on index date	0	0.0%
Natalizumab on index date	0	0.0%
Ozanimod on index date	0	0.0%

**Table 1d. Aggregated Baseline Table for Ulcerative Colitis with Comparators and Acute Pneumonia Outcome Assessment in the Sentinel Distributed Database (SDD) between October 1, 2016 and February 28, 2022**

<b>Recorded Use on Index Date</b>	<b>Number</b>	<b>Percent</b>
Tofacitinib on index date	0	0.0%
Upadacitinib on index date	0	0.0%
Any comparator on index date	25,297	100.0%
<b>Recorded History of Use From [-183, -1 days]</b>	<b>Number</b>	<b>Percent</b>
Biologic immunosuppressants		
Adalimumab	1,112	4.4%
Certolizumab pegol	34	0.1%
Golimumab	352	1.4%
Infliximab	1,449	5.7%
Natalizumab	*****	*****
Ozanimod	*****	*****
Tofacitinib	159	0.6%
Upadacitinib	0	0.0%
Vedolizumab	477	1.9%
Any comparator	3,497	13.8%
<b>Recorded History of Use From [-183, 0 days]</b>	<b>Number</b>	<b>Percent</b>
IBD treatments		
Aminosalicilates	16,375	64.7%
Immunomodulators	18,291	72.3%
Corticosteroids: IV	2,859	11.3%
Corticosteroids: oral	16,029	63.4%
Corticosteroids: rectal	2,959	11.7%
Other		
Antibiotics	10,775	42.6%
Antivirals	1,477	5.8%
Anticoagulants	1,909	7.5%
Antidiabetics	2,401	9.5%
Antihypertensives	5,743	22.7%
Antiplatelets	703	2.8%
Lipid-lowering drugs	6,425	25.4%
Non-steroidal anti-inflammatory drugs	2,738	10.8%
Opioids	5,716	22.6%
<b>Health Service Utilization Intensity From [-183, -1 days]</b>	<b>Mean</b>	<b>Standard Deviation</b>
Mean number of unique drug classes	7.1	4.3
<b>Number of days with an emergency department encounter</b>	<b>Number</b>	<b>Percent</b>
0-1	22,928	90.6%
2-3	1,890	7.5%
4+	479	1.9%

**Table 1d. Aggregated Baseline Table for Ulcerative Colitis with Comparators and Acute Pneumonia Outcome Assessment in the Sentinel Distributed Database (SDD) between October 1, 2016 and February 28, 2022**

Health Service Utilization Intensity From [-183, -1 days]	Number	Percent
Number of days with an outpatient encounter		
0-1	535	2.1%
2-3	1,838	7.3%
4+	22,924	90.6%
Number of days with an inpatient encounter		
0-1	23,821	94.2%
2-3	1,335	5.3%
4+	141	0.6%
Number of days with a gastrointestinal (GI)-related emergency department encounter		
0-1	24,266	95.9%
2-3	891	3.5%
4+	140	0.6%
Number of days with a GI-related inpatient encounter		
0-1	24,674	97.5%
2-3	607	2.4%
4+	16	0.1%

<sup>1</sup>The Charlson/Elixhauser Combined Comorbidity Score is calculated based on comorbidities observed during a requester-defined window around the exposure episode start date (index date).

\*\*\*\*Data are not presented in these cells due to a small sample size or to assure a small cell cannot be recalculated through the cells presented.



**Table 1e. Aggregated Baseline Table for Ulcerative Colitis with Treatment Naïve Comparators and Acute Pneumonia Outcome Assessment in the Sentinel Distributed Database (SDD) between October 1, 2016 and February 28, 2022**

<b>Characteristic</b>	<b>Number</b>	<b>Percent</b>
Number of episodes	21,886	N/A
Number of unique patients	21,886	N/A
<b>Demographics</b>	<b>Mean</b>	<b>Standard Deviation</b>
Mean Age (Years)	52	13.9
<b>Age (Years)</b>	<b>Number</b>	<b>Percent</b>
18-24	1,989	9.1%
25-34	3,391	15.5%
35-44	3,350	15.3%
45-54	2,842	13.0%
55-64	2,666	12.2%
65-74	5,243	24.0%
75+	2,405	11.0%
<b>Sex</b>		
Female	10,640	48.6%
Male	11,246	51.4%
<b>Race</b>		
Unknown	12,653	57.8%
American Indian or Alaska Native	26	0.1%
Asian	140	0.6%
Black or African American	522	2.4%
Native Hawaiian or Other Pacific Islander	13	0.1%
White	8,532	39.0%
Hispanic Origin	226	1.0%
<b>Year</b>		
2016	901	4.1%
2017	3,778	17.3%
2018	4,226	19.3%
2019	4,323	19.8%
2020	4,223	19.3%
2021	4,231	19.3%
2022	204	0.9%
<b>Recorded History of Conditions From [-183, 0 days]</b>	<b>Mean</b>	<b>Standard Deviation</b>
Charlson/Elixhauser Combined Comorbidity Score <sup>1</sup>	1.5	2.3
	<b>Number</b>	<b>Percent</b>
Abnormal weight loss	2,825	12.9%
Acquired hypothyroidism	2,418	11.0%
Acute myocardial infarction	157	0.7%
Alcohol or drug abuse	705	3.2%
Alzheimers disease/Dementia	277	1.3%

**Table 1e. Aggregated Baseline Table for Ulcerative Colitis with Treatment Naïve Comparators and Acute Pneumonia Outcome Assessment in the Sentinel Distributed Database (SDD) between October 1, 2016 and February 28, 2022**

<b>Recorded History of Conditions From [-183, 0 days]</b>	<b>Number</b>	<b>Percent</b>
Anemia	6,763	30.9%
Asthma	1,632	7.5%
Atrial fibrillation	1,136	5.2%
Benign prostatic hyperplasia	1,270	5.8%
Cancer: History	2,107	9.6%
Cancer: Breast	461	2.1%
Cancer: Colorectal	200	0.9%
Cancer: Endometrial	45	0.2%
Cancer: Lung	256	1.2%
Cancer: Prostate	491	2.2%
Cataract	1,762	8.1%
Chronic kidney disease	1,284	5.9%
COPD/bronchiectasis	1,620	7.4%
Depression	3,278	15.0%
Diabetes	2,909	13.3%
Glaucoma	1,079	4.9%
Heart failure	833	3.8%
Hip/pelvic fracture	39	0.2%
Hyperlipidemia	6,750	30.8%
Hypertension	7,551	34.5%
Serious infection	1,131	5.2%
Intestine: fistula	268	1.2%
Intestine: obstruction	424	1.9%
Ischemic heart disease	2,026	9.3%
Liver disease	1,906	8.7%
Obesity	3,346	15.3%
Osteoporosis	1,101	5.0%
Pancolitis	11,122	50.8%
Rheumatoid arthritis/osteoarthritis	3,631	16.6%
Stroke/TIA	447	2.0%
<b>Recorded Use on Index Date</b>	<b>Number</b>	<b>Percent</b>
Biologic immunosuppressants		
Adalimumab on index date	7,064	32.3%
Infliximab on index date	6,653	30.4%
Vedolizumab on index date	8,169	37.3%
Certolizumab pegol on index date	0	0.0%
Golimumab on index date	0	0.0%
Natalizumab on index date	0	0.0%
Ozanimod on index date	0	0.0%

**Table 1e. Aggregated Baseline Table for Ulcerative Colitis with Treatment Naïve Comparators and Acute Pneumonia Outcome Assessment in the Sentinel Distributed Database (SDD) between October 1, 2016 and February 28, 2022**

<b>Recorded Use on Index Date</b>	<b>Number</b>	<b>Percent</b>
Tofacitinib on index date	0	0.0%
Upadacitinib on index date	0	0.0%
Any comparator on index date	21,886	100.0%
<b>Recorded History of Use From [-183, -1 days]</b>	<b>Number</b>	<b>Percent</b>
<b>Biologic immunosuppressants</b>		
Adalimumab	0	0.0%
Certolizumab pegol	0	0.0%
Golimumab	0	0.0%
Infliximab	0	0.0%
Natalizumab	0	0.0%
Ozanimod	0	0.0%
Tofacitinib	0	0.0%
Upadacitinib	0	0.0%
Vedolizumab	0	0.0%
Any comparator	0	0.0%
<b>Recorded History of Use From [-183, 0 days]</b>	<b>Number</b>	<b>Percent</b>
<b>IBD treatments</b>		
Aminosalicilates	14,692	67.1%
Immunomodulators	14,838	67.8%
Corticosteroids: IV	2,370	10.8%
Corticosteroids: oral	13,989	63.9%
Corticosteroids: rectal	2,576	11.8%
<b>Other</b>		
Antibiotics	9,314	42.6%
Antivirals	1,227	5.6%
Anticoagulants	1,673	7.6%
Antidiabetics	2,095	9.6%
Antihypertensives	5,017	22.9%
Antiplatelets	625	2.9%
Lipid-lowering drugs	5,604	25.6%
Non-steroidal anti-inflammatory drugs	2,402	11.0%
Opioids	4,905	22.4%
<b>Health Service Utilization Intensity From [-183, -1 days]</b>	<b>Mean</b>	<b>Standard Deviation</b>
Mean number of unique drug classes	7	4.3
<b>Number of days with an emergency department encounter</b>	<b>Number</b>	<b>Percent</b>
0-1	19,747	90.2%
2-3	1,706	7.8%
4+	433	2.0%

**Table 1e. Aggregated Baseline Table for Ulcerative Colitis with Treatment Naïve Comparators and Acute Pneumonia Outcome Assessment in the Sentinel Distributed Database (SDD) between October 1, 2016 and February 28, 2022**

Health Service Utilization Intensity From [-183, -1 days]	Number	Percent
Number of days with an outpatient encounter		
0-1	511	2.3%
2-3	1,697	7.8%
4+	19,678	89.9%
Number of days with an inpatient encounter		
0-1	20,546	93.9%
2-3	1,215	5.6%
4+	125	0.6%
Number of days with a gastrointestinal (GI)-related emergency department encounter		
0-1	20,951	95.7%
2-3	809	3.7%
4+	126	0.6%
Number of days with a GI-related inpatient encounter		
0-1	21,310	97.4%
2-3	562	2.6%
4+	14	0.1%

<sup>1</sup>The Charlson/Elixhauser Combined Comorbidity Score is calculated based on comorbidities observed during a requester-defined window around the exposure episode start date (index date).

\*\*\*\*Data are not presented in these cells due to a small sample size or to assure a small cell cannot be recalculated through the cells presented.

**Table 1f. Aggregated Baseline Table for Ulcerative Colitis with Ustekinumab in the Sentinel Distributed Database (SDD) between November 1, 2019 and February 28, 2022**

<b>Characteristic</b>	<b>Number</b>	<b>Percent</b>
Number of episodes	2,525	N/A
Number of unique patients	2,525	N/A
<b>Demographics</b>	<b>Mean</b>	<b>Standard Deviation</b>
Mean Age (Years)	51.7	13.4
<b>Age (Years)</b>	<b>Number</b>	<b>Percent</b>
18-24	206	8.2%
25-34	392	15.5%
35-44	426	16.9%
45-54	359	14.2%
55-64	298	11.8%
65-74	580	23.0%
75+	264	10.5%
<b>Sex</b>		
Female	1,216	48.2%
Male	1,309	51.8%
<b>Race</b>		
Unknown	1,520	60.2%
American Indian or Alaska Native	*****	*****
Asian	*****	*****
Black or African American	44	1.7%
White	949	37.6%
Hispanic Origin	23	0.9%
<b>Year</b>		
2019	126	5.0%
2020	1,094	43.3%
2021	1,228	48.6%
2022	77	3.0%
<b>Recorded History of Conditions From [-183, 0 days]</b>	<b>Mean</b>	<b>Standard Deviation</b>
Charlson/Elixhauser Combined Comorbidity Score <sup>1</sup>	1.3	1.9
	<b>Number</b>	<b>Percent</b>
Abnormal weight loss	226	9.0%
Acquired hypothyroidism	276	10.9%
Acute myocardial infarction	23	0.9%
Alcohol or drug abuse	74	2.9%
Alzheimer's disease/Dementia	22	0.9%
Anemia	821	32.5%
Asthma	168	6.7%
Atrial fibrillation	140	5.5%
Benign Prostatic Hyperplasia	155	6.1%

**Table 1f. Aggregated Baseline Table for Ulcerative Colitis with Ustekinumab in the Sentinel Distributed Database (SDD) between November 1, 2019 and February 28, 2022**

<b>Recorded History of Conditions From [-183, 0 days]</b>	<b>Number</b>	<b>Percent</b>
Cancer: History	213	8.4%
Cancer: Breast	48	1.9%
Cancer: Colorectal	26	1.0%
Cancer: Endometrial	*****	*****
Cancer: Lung	12	0.5%
Cancer: Prostate	57	2.3%
Cataract	226	9.0%
Chronic kidney disease	165	6.5%
COPD/bronchiectasis	144	5.7%
Depression	353	14.0%
Diabetes	326	12.9%
Glaucoma	127	5.0%
Heart failure	93	3.7%
Hip/pelvic fracture	*****	*****
Hyperlipidemia	720	28.5%
Hypertension	775	30.7%
Serious infection	80	3.2%
Intestine: fistula	26	1.0%
Intestine: obstruction	62	2.5%
Ischemic heart disease	235	9.3%
Liver disease	188	7.4%
Obesity	359	14.2%
Osteoporosis	139	5.5%
Pancolitis	1,527	60.5%
Rheumatoid arthritis/osteoarthritis	416	16.5%
Stroke/TIA	52	2.1%
<b>Recorded Use on Index Date</b>	<b>Number</b>	<b>Percent</b>
Biologic immunosuppressants		
Adalimumab on Index Date	0	0.0%
Infliximab on Index Date	0	0.0%
Vedolizumab on Index Date	0	0.0%
Certolizumab pegol on Index Date	0	0.0%
Golimumab on Index Date	0	0.0%
Natalizumab on Index Date	0	0.0%
Ozanimod on Index Date	0	0.0%
Tofacitinib on Index Date	0	0.0%
Upadacitinib on Index Date	0	0.0%
Any comparator on Index Date	0	0.0%

**Table 1f. Aggregated Baseline Table for Ulcerative Colitis with Ustekinumab in the Sentinel Distributed Database (SDD) between November 1, 2019 and February 28, 2022**

<b>Recorded History of Use From [-183, -1 days]</b>	<b>Number</b>	<b>Percent</b>
<b>Biologic immunosuppressants</b>		
Adalimumab	419	16.6%
Certolizumab pegol	*****	*****
Golimumab	38	1.5%
Infliximab	431	17.1%
Natalizumab	0	0.0%
Ozanimod	0	0.0%
Tofacitinib	195	7.7%
Upadacitinib	0	0.0%
Vedolizumab	807	32.0%
Any comparator	1,721	68.2%
<b>Recorded History of Use From [-183, 0 days]</b>	<b>Number</b>	<b>Percent</b>
<b>IBD treatments</b>		
Aminosalicilates	1,170	46.3%
Corticosteroids: IV	262	10.4%
Corticosteroids: oral	1,531	60.6%
Corticosteroids: rectal	360	14.3%
Immunomodulators	2,525	100.0%
<b>Other</b>		
Antibiotics	1,020	40.4%
Antivirals	126	5.0%
Anticoagulants	201	8.0%
Antidiabetics	242	9.6%
Antihypertensives	555	22.0%
Antiplatelets	73	2.9%
Lipid-lowering drugs	625	24.8%
Non-steroidal anti-inflammatory drugs	211	8.4%
Opioids	434	17.2%
<b>Health Service Utilization Intensity From [-183, -1 days]</b>	<b>Mean</b>	<b>Standard Deviation</b>
Mean number of unique drug classes	6.9	4.2
<b>Number of days with an emergency department encounter</b>		
0-1	2,363	93.6%
2-3	127	5.0%
4+	35	1.4%
<b>Number of days with an outpatient encounter</b>		
0-1	33	1.3%
2-3	124	4.9%
4+	2,368	93.8%

**Table 1f. Aggregated Baseline Table for Ulcerative Colitis with Ustekinumab in the Sentinel Distributed Database (SDD) between November 1, 2019 and February 28, 2022**

<b>Health Service Utilization Intensity From [-183, -1 days]</b>	<b>Number</b>	<b>Percent</b>
Number of days with an inpatient encounter		
0-1	2,419	95.8%
2-3	*****	*****
4+	*****	*****
Number of days with a gastrointestinal (GI)-related emergency department encounter		
0-1	2,457	97.3%
2-3	53	2.1%
4+	15	0.6%
Number of days with a GI-related inpatient encounter		
0-1	2,488	98.5%
2-3	*****	*****
4+	*****	*****

<sup>1</sup>The Charlson/Elixhauser Combined Comorbidity Score is calculated based on comorbidities observed during a requester-defined window around the exposure episode start date (index date).

\*\*\*\*\*Data are not presented in these cells due to a small sample size or to assure a small cell cannot be recalculated through the cells presented.



**Table 2. Summary of First Valid Ustekinumab or Comparator Treatment Exposure Episode in the Sentinel Distributed Database (SDD), Overall**

	New Users	New Episodes	Days At Risk	Years at Risk	Adjusted Dispensings	Raw Dispensings	Days Supplied	Amount Supplied	Total Number of Events	New Episodes with an Event	New Episodes with an Event per 10,000 New Episodes	New Episodes with an Event per 1,000 Person Years
<b>October 1, 2016 - February 28, 2022</b>												
<i>Crohn's Disease with Ustekinumab</i>	13,581	13,581	5,363,067	14,683.3	111,698	111,740	5,367,236	214,004	--	--	--	--
<i>Crohn's Disease with Comparators and Acute Pneumonia</i>	32,717	32,717	13,168,312	36,052.9	387,933	388,780	17,237,740	624,692	878	704	215.2	19.5
<i>Crohn's Disease with Comparators and Acute Pneumonia - Treatment Naïve</i>	28,216	28,216	11,291,217	30,913.7	331,343	332,117	14,537,866	549,653	772	618	219.0	20.0
<i>Ulcerative Colitis with Comparators and Acute Pneumonia</i>	25,297	25,297	9,989,794	27,350.6	304,299	304,881	14,130,978	439,375	567	471	186.2	17.2
<i>Ulcerative Colitis with Comparators and Acute Pneumonia - Treatment Naïve</i>	21,886	21,886	8,484,959	23,230.6	257,690	258,228	11,824,803	383,383	492	407	186.0	17.5
<b>November 1, 2019 - February 28, 2022</b>												
<i>Ulcerative Colitis with Ustekinumab</i>	2,525	2,525	578,755	1,584.5	13,282	13,282	625,826	29,429	--	--	--	--

Note: dashes represent metrics not evaluated

**Table 3. Summary of First Valid Ustekinumab or Comparator Treatment Exposure Episode in the Sentinel Distributed Database (SDD), by Year**

Year	New Users	New Episodes	Days At Risk	Years at Risk	Adjusted Dispensings	Raw Dispensings	Days Supplied	Amount Supplied	Total Number of Events	New Episodes with an Event	New Episodes with an Event per 10,000 New Episodes	New Episodes with an Event per 1,000 Person Years
<b>October 1, 2016 - February 28, 2022</b>												
<i>Crohn's Disease with Ustekinumab</i>												
2016	250	250	139,048	380.7	2,925	2,929	132,939	8,646	--	--	--	--
2017	2,161	2,161	1,271,916	3,482.3	25,840	25,856	1,221,946	52,987	--	--	--	--
2018	2,507	2,507	1,322,215	3,620.0	27,055	27,065	1,310,149	47,678	--	--	--	--
2019	2,912	2,912	1,296,304	3,549.1	26,880	26,887	1,319,175	41,859	--	--	--	--
2020	2,713	2,713	874,527	2,394.3	18,404	18,406	889,638	33,700	--	--	--	--
2021	2,908	2,908	455,891	1,248.2	10,354	10,357	487,744	28,815	--	--	--	--
2022	130	130	3,166	8.7	240	240	5,645	317	--	--	--	--
<i>Crohn's Disease with Comparators and Acute Pneumonia</i>												
2016	1,978	1,978	993,724	2,720.7	28,896	28,969	1,256,605	50,058	79	63	318.5	23.2
2017	6,889	6,889	3,511,908	9,615.1	101,691	101,865	4,455,192	174,008	267	216	313.5	22.5
2018	6,760	6,760	3,344,478	9,156.7	96,754	96,912	4,410,666	153,437	196	155	229.3	16.9
2019	6,097	6,097	2,623,153	7,181.8	76,439	76,621	3,413,892	119,313	179	136	223.1	18.9
2020	5,538	5,538	1,850,647	5,066.8	55,315	55,466	2,497,545	87,485	113	93	167.9	18.4
2021	5,206	5,206	838,047	2,294.4	28,352	28,461	1,193,463	39,945	44	41	78.8	17.9
2022	249	249	6,355	17.4	486	486	10,377	445	0	0	0	0
<i>Crohn's Disease with Comparators and Acute Pneumonia - Treatment Naïve</i>												
2016	1,563	1,563	768,658	2,104.5	22,344	22,412	935,404	41,803	64	50	319.9	23.8
2017	5,720	5,720	2,932,286	8,028.2	84,906	85,063	3,653,693	150,287	224	181	316.4	22.5
2018	5,945	5,945	2,934,240	8,033.5	84,579	84,728	3,820,702	137,091	173	139	233.8	17.3
2019	5,326	5,326	2,292,907	6,277.6	66,597	66,766	2,943,260	106,694	163	122	229.1	19.4
2020	4,824	4,824	1,609,366	4,406.2	47,577	47,712	2,134,990	77,207	108	89	184.5	20.2
2021	4,610	4,610	747,966	2,047.8	24,902	24,998	1,040,676	36,163	40	37	80.3	18.1
2022	228	228	5,794	15.9	438	438	9,141	409	0	0	0	0

**Table 3. Summary of First Valid Ustekinumab or Comparator Treatment Exposure Episode in the Sentinel Distributed Database (SDD), by Year**

Year	New Users	New Episodes	Days At Risk	Years at Risk	Adjusted Dispensings	Raw Dispensings	Days Supplied	Amount Supplied	Total Number of Events	New Episodes with an Event	New Episodes with an Event per 10,000 New Episodes	New Episodes with an Event per 1,000 Person Years
<i>Ulcerative Colitis with Comparators and Acute Pneumonia</i>												
2016	1,195	1,195	651,762	1,784.4	18,971	19,013	880,034	29,281	37	32	267.8	17.9
2017	4,692	4,692	2,517,375	6,892.2	74,083	74,208	3,396,582	117,020	147	118	251.5	17.1
2018	4,863	4,863	2,402,365	6,577.3	72,162	72,267	3,403,817	104,831	128	107	220.0	16.3
2019	4,967	4,967	2,137,749	5,852.8	64,208	64,335	3,009,495	91,598	122	99	199.3	16.9
2020	4,704	4,704	1,531,189	4,192.2	47,759	47,859	2,252,060	63,118	100	83	176.4	19.8
2021	4,655	4,655	743,215	2,034.8	26,585	26,667	1,176,401	33,151	*****	*****	*****	*****
2022	221	221	6,139	16.8	531	532	12,589	376	*****	*****	*****	*****
<i>Ulcerative Colitis with Comparators and Acute Pneumonia - Treatment Naïve</i>												
2016	901	901	476,876	1,305.6	13,976	14,014	630,582	22,198	25	21	233.1	16.1
2017	3,778	3,778	1,994,810	5,461.5	58,261	58,373	2,603,961	97,872	122	99	262.0	18.1
2018	4,226	4,226	2,069,782	5,666.8	61,942	62,045	2,886,909	92,956	112	94	222.4	16.6
2019	4,323	4,323	1,876,843	5,138.5	56,143	56,261	2,613,891	82,169	109	87	201.2	16.9
2020	4,223	4,223	1,378,802	3,775.0	42,692	42,784	2,006,749	57,238	93	76	180.0	20.1
2021	4,231	4,231	682,152	1,867.6	24,190	24,264	1,071,046	30,595	*****	*****	*****	*****
2022	204	204	5,694	15.6	486	487	11,665	355	*****	*****	*****	*****
<b>November 1, 2019 - February 28, 2022</b>												
<i>Ulcerative Colitis with Ustekinumab</i>												
2019	126	126	48,334	132.3	1,105	1,105	51,063	1,332	--	--	--	--
2020	1,094	1,094	344,423	943.0	7,695	7,695	367,288	16,952	--	--	--	--
2021	1,228	1,228	184,000	503.8	4,345	4,345	203,902	11,008	--	--	--	--
2022	77	77	1,998	5.5	137	137	3,573	137	--	--	--	--

\*\*\*\*\*Data are not presented in these cells due to a small sample size or to assure a small cell cannot be recalculated through the cells presented.

Note: dashes represent metrics not evaluated

**Table 4. Summary of First Valid Ustekinumab or Comparator Treatment Exposure Episode in the Sentinel Distributed Database (SDD), by Sex**

Sex	New Users	New Episodes	Days At Risk	Years at Risk	Adjusted Dispensings	Raw Dispensings	Days Supplied	Amount Supplied	Total Number of Events	New Episodes with an Event	New Episodes with an Event per 10,000 New Episodes	New Episodes with an Event per 1,000 Person Years
<b>October 1, 2016 - February 28, 2022</b>												
<i>Crohn's Disease with Ustekinumab</i>												
Female	7,748	7,748	3,053,298	8,359.5	63,734	63,761	3,054,253	123,816	--	--	--	--
Male	5,833	5,833	2,309,769	6,323.8	47,964	47,979	2,312,983	90,188	--	--	--	--
<i>Crohn's Disease with Comparators and Acute Pneumonia</i>												
Female	17,747	17,747	6,988,993	19,134.8	203,567	204,022	9,091,662	329,277	482	392	220.9	20.5
Male	14,970	14,970	6,179,319	16,918.1	184,366	184,758	8,146,078	295,416	396	312	208.4	18.4
<i>Crohn's Disease with Comparators and Acute Pneumonia - Treatment Naïve</i>												
Female	15,270	15,270	5,974,010	16,355.9	173,291	173,710	7,658,101	288,853	418	338	221.3	20.7
Male	12,946	12,946	5,317,207	14,557.7	158,052	158,407	6,879,765	260,800	354	280	216.3	19.2
<i>Ulcerative Colitis with Comparators and Acute Pneumonia</i>												
Female	12,278	12,278	4,858,781	13,302.6	147,528	147,812	6,825,774	213,623	256	214	174.3	16.1
Male	13,019	13,019	5,131,013	14,047.9	156,771	157,069	7,305,204	225,752	311	257	197.4	18.3
<i>Ulcerative Colitis with Comparators and Acute Pneumonia - Treatment Naïve</i>												
Female	10,640	10,640	4,133,416	11,316.7	124,949	125,209	5,721,558	186,019	222	186	174.8	16.4
Male	11,246	11,246	4,351,543	11,913.9	132,741	133,019	6,103,245	197,364	270	221	196.5	18.5
<b>November 1, 2019 - February 28, 2022</b>												
<i>Ulcerative Colitis with Ustekinumab</i>												
Female	1,216	1,216	288,188	789.0	6,667	6,667	313,454	12,347	--	--	--	--
Male	1,309	1,309	290,567	795.5	6,615	6,615	312,372	17,082	--	--	--	--

\*\*\*\*\*Data are not presented in these cells due to a small sample size or to assure a small cell cannot be recalculated through the cells presented.

Note: dashes represent metrics not evaluated

**Table 5. Summary of First Valid Ustekinumab or Comparator Treatment Exposure Episode in the Sentinel Distributed Database (SDD), by Age**

Age Group	New Users	New Episodes	Days At Risk	Years at Risk	Adjusted Dispensings	Raw Dispensings	Days Supplied	Amount Supplied	Total Number of Events	New Episodes with an Event	New Episodes with an Event per 10,000 New Episodes	New Episodes with an Event per 1,000 Person Years
<b>October 1, 2016 - February 28, 2022</b>												
<i>Crohn's Disease with Ustekinumab</i>												
18-24	1,117	1,117	385,768	1,056.2	8,516	8,518	393,749	14,030	--	--	--	--
25-34	2,147	2,147	785,813	2,151.4	17,360	17,369	796,986	31,070	--	--	--	--
35-44	2,553	2,553	1,003,902	2,748.5	21,284	21,293	1,001,614	43,261	--	--	--	--
45-54	2,265	2,265	929,289	2,544.3	19,680	19,690	929,586	37,914	--	--	--	--
55-64	1,941	1,941	763,229	2,089.6	16,008	16,015	771,012	34,897	--	--	--	--
65-74	2,608	2,608	1,113,658	3,049.0	21,490	21,494	1,097,838	38,753	--	--	--	--
75+	950	950	381,408	1,044.2	7,360	7,361	376,451	14,078	--	--	--	--
<i>Crohn's Disease with Comparators and Acute Pneumonia</i>												
18-24	3,512	3,512	1,333,728	3,651.5	44,417	44,572	1,914,816	72,622	*****	*****	*****	*****
25-34	5,473	5,473	1,875,835	5,135.8	62,127	62,316	2,673,716	102,850	*****	*****	*****	*****
35-44	5,455	5,455	2,083,888	5,705.4	66,360	66,533	2,824,943	114,007	53	47	86.2	8.2
45-54	4,854	4,854	1,877,093	5,139.2	59,371	59,557	2,515,926	108,997	106	81	166.9	15.8
55-64	4,282	4,282	1,656,492	4,535.2	51,083	51,193	2,197,735	85,605	162	118	275.6	26.0
65-74	6,652	6,652	3,223,220	8,824.7	77,890	77,916	3,790,002	105,977	329	262	393.9	29.7
75+	2,489	2,489	1,118,056	3,061.1	26,685	26,693	1,320,602	34,635	180	155	622.7	50.6
<i>Crohn's Disease with Comparators and Acute Pneumonia - Treatment Naïve</i>												
18-24	3,049	3,049	1,169,282	3,201.3	38,575	38,711	1,661,011	63,436	*****	*****	*****	*****
25-34	4,690	4,690	1,612,516	4,414.8	52,804	52,976	2,242,520	90,563	*****	*****	*****	*****
35-44	4,678	4,678	1,774,847	4,859.3	55,924	56,085	2,338,489	98,689	39	35	74.8	7.2
45-54	4,182	4,182	1,610,773	4,410.1	50,547	50,720	2,096,262	97,428	89	67	160.2	15.2
55-64	3,706	3,706	1,428,627	3,911.4	44,026	44,129	1,868,087	76,091	147	107	288.7	27.4
65-74	5,727	5,727	2,741,508	7,505.8	66,577	66,599	3,208,354	92,941	294	235	410.3	31.3
75+	2,184	2,184	953,664	2,611.0	22,890	22,897	1,123,143	30,505	164	141	645.6	54.0

**Table 5. Summary of First Valid Ustekinumab or Comparator Treatment Exposure Episode in the Sentinel Distributed Database (SDD), by Age**

Age Group	New Users	New Episodes	Days At Risk	Years at Risk	Adjusted Dispensings	Raw Dispensings	Days Supplied	Amount Supplied	Total Number of Events	New Episodes with an Event	New Episodes with an Event per 10,000 New Episodes	New Episodes with an Event per 1,000 Person Years
<i>Ulcerative Colitis with Comparators and Acute Pneumonia</i>												
18-24	2,268	2,268	775,383	2,122.9	27,241	27,327	1,223,440	41,701	*****	*****	*****	*****
25-34	3,968	3,968	1,348,909	3,693.1	47,952	48,085	2,165,497	71,200	*****	*****	*****	*****
35-44	3,974	3,974	1,573,062	4,306.8	54,630	54,769	2,474,032	82,691	22	21	52.8	4.9
45-54	3,327	3,327	1,335,189	3,655.5	45,154	45,283	2,015,373	69,994	29	27	81.2	7.4
55-64	3,064	3,064	1,141,424	3,125.0	37,261	37,331	1,675,480	56,348	55	49	159.9	15.7
65-74	6,009	6,009	2,712,041	7,425.2	65,621	65,638	3,249,726	84,908	257	207	344.5	27.9
75+	2,687	2,687	1,103,786	3,022.0	26,440	26,448	1,327,430	32,534	178	145	539.6	48.0
<i>Ulcerative Colitis with Comparators and Acute Pneumonia - Treatment Naïve</i>												
18-24	1,989	1,989	684,751	1,874.7	23,985	24,065	1,067,391	37,592	*****	*****	*****	*****
25-34	3,391	3,391	1,161,916	3,181.2	40,905	41,028	1,826,209	62,723	*****	*****	*****	*****
35-44	3,350	3,350	1,307,431	3,579.6	44,974	45,108	2,003,372	70,855	20	19	56.7	5.3
45-54	2,842	2,842	1,131,909	3,099.0	38,147	38,260	1,678,570	60,942	21	20	70.4	6.5
55-64	2,666	2,666	983,783	2,693.5	31,985	32,051	1,416,582	50,117	48	43	161.3	16.0
65-74	5,243	5,243	2,263,925	6,198.3	54,905	54,919	2,694,209	72,925	226	180	343.3	29.0
75+	2,405	2,405	951,244	2,604.4	22,789	22,797	1,138,470	28,229	156	127	528.1	48.8
<b>November 1, 2019 - February 28, 2022</b>												
<i>Ulcerative Colitis with Ustekinumab</i>												
18-24	206	206	50,984	139.6	1,248	1,248	57,378	1,798	--	--	--	--
25-34	392	392	80,576	220.6	2,061	2,061	95,024	6,397	--	--	--	--
35-44	426	426	96,954	265.4	2,401	2,401	111,797	4,709	--	--	--	--
45-54	359	359	84,930	232.5	2,070	2,070	96,282	3,807	--	--	--	--
55-64	298	298	74,203	203.2	1,688	1,688	81,787	2,921	--	--	--	--
65-74	580	580	131,198	359.2	2,634	2,634	126,616	7,121	--	--	--	--
75+	264	264	59,910	164.0	1,180	1,180	56,942	2,676	--	--	--	--

\*\*\*\*\*Data are not presented in these cells due to a small sample size or to assure a small cell cannot be recalculated through the cells presented.

Note: dashes represent metrics not evaluated

**Appendix A. Start and End Dates for Each Data Partner (DP) as of Request Distribution Date (August 19, 2022)**

<b>DP ID</b>	<b>DP Start Date<sup>1</sup></b>	<b>DP End Date<sup>1</sup></b>
DP01	01/01/2007	01/31/2022
DP02	01/01/2008	08/31/2021
DP03	01/01/2000	12/31/2019
DP04	01/01/2010	12/31/2021
DP05	01/01/2008	12/31/2021
DP06	01/01/2006	02/28/2022

<sup>1</sup>The start and end dates are based on the minimum and maximum dates within each DP. The month with the maximum date must have at least 80% of the number of records in the previous month.

**Appendix B. List of Non-Proprietary and Brand Names of Medical Products Used to Define Exposures in this Request**

<b>Non-Proprietary Name</b>	<b>Brand Name</b>
<b>Ustekinumab</b>	
ustekinumab	Stelara
<b>Infliximab</b>	
infliximab-abda	Renflexis
infliximab-dyyb	Inflectra
infliximab-axxq	Avsola
infliximab	infliximab
infliximab	Remicade
<b>Vedolizumab</b>	
vedolizumab	Entyvio
<b>Adalimumab</b>	
adalimumab	Humira(CF) Pedi Crohns Starter
adalimumab	Humira(CF) Pen Crohns-UC-HS
adalimumab	Humira(CF) Pen Pediatric UC
adalimumab	Humira(CF) Pen
adalimumab	Humira(CF)
adalimumab	Humira(CF) Pen Psor-Uv-Adol HS
adalimumab	Humira
adalimumab	Humira Pediatric Crohns Start
adalimumab	Humira Pen
adalimumab	Humira Pen Crohns-Ulcerative Colitis-HS Start
adalimumab	Humira Pen Psor-Uveits-Adol HS



**Appendix C. List of Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Exposures in this Request**

<b>Code</b>	<b>Description</b>	<b>Code Category</b>	<b>Code Type</b>
<b>Ustekinumab</b>			
C9487	Ustekinumab, for intravenous injection, 1 mg	Procedure	HCPCS
J3357	Ustekinumab, for subcutaneous injection, 1 mg	Procedure	HCPCS
J3358	Ustekinumab, for intravenous injection, 1 mg	Procedure	HCPCS
Q9989	Ustekinumab, for intravenous injection, 1 mg	Procedure	HCPCS
<b>Infliximab</b>			
Q5121	Injection, infliximab-axxq, biosimilar, (AVSOLA), 10 mg	Procedure	HCPCS
Q5104	Injection, infliximab-abda, biosimilar, (Renflexis), 10 mg	Procedure	HCPCS
Q5103	Injection, infliximab-dyyb, biosimilar, (Inflectra), 10 mg	Procedure	HCPCS
Q5109	Injection, infliximab-qbtx, biosimilar, (Ixifi), 10 mg	Procedure	HCPCS
Q5102	Injection, infliximab, biosimilar, 10 mg	Procedure	HCPCS
J1745	Injection, infliximab, excludes biosimilar, 10 mg	Procedure	HCPCS
<b>Vedolizumab</b>			
J3380	Injection, vedolizumab, 1 mg	Procedure	HCPCS
C9026	Injection, vedolizumab, 1 mg	Procedure	HCPCS
<b>Adalimumab</b>			
J0135	Injection, adalimumab, 20 mg	Procedure	HCPCS

**Appendix D. List of Non-Proprietary and Brand Names of Medical Products Used to Define Outcome Criteria in this Request**

Non-Proprietary Name	Brand Name
<b>Antimicrobials</b>	
aztreonam/dextrose-water	Azactam in dextrose (iso-osm)
aztreonam	Azactam
ganciclovir sodium	Cytovene
imipenem/cilastatin sodium	Primaxin IV
clindamycin HCl	Cleocin HCl
bacitracin	bacitracin
clindamycin phosphate	Cleocin
lincomycin HCl	Lincocin
clindamycin palmitate HCl	Cleocin Pediatric
clindamycin phosphate/dextrose 5 % in water	Cleocin in 5 % dextrose
primaquine phosphate	primaquine
metronidazole	Flagyl
cefotaxime sodium	Claforan
cefotaxime sodium/dextrose, iso-osmotic	Claforan in dextrose(iso-osm)
ampicillin sodium/sulbactam sodium	Unasyn
penicillin G potassium	Pfizerpen-G
fluconazole	Diflucan
griseofulvin, microsize	Grifulvin V
rifampin	Rifadin
rifampin/isoniazid	Rifamate
doxycycline hyclate	Vibramycin
doxycycline monohydrate	Vibramycin
doxycycline calcium	Vibramycin
nystatin	nystatin
penicillin V potassium	penicillin V potassium
neomycin sulfate	neomycin
trimethoprim	trimethoprim
cephalexin	cephalexin
amoxicillin	amoxicillin
dicloxacillin sodium	dicloxacillin
cefadroxil	cefadroxil
sulfamethoxazole/trimethoprim	sulfamethoxazole-trimethoprim
sulfamethoxazole/trimethoprim	Sulfatrim
doxycycline hyclate	doxycycline hyclate
tetracycline HCl	tetracycline
cefuroxime axetil	Ceftin
isoniazid	isoniazid
ribavirin	Virazole
flucytosine	Ancobon
metronidazole in sodium chloride	Metro I.V.
gentamicin sulfate in sodium chloride, iso-osmotic	gentamicin in NaCl (iso-osm)
oxacillin sodium in iso-osmotic dextrose	oxacillin in dextrose(iso-osm)
nafcillin in dextrose, iso-osmotic	nafcillin in dextrose iso-osm
penicillin G potassium/dextrose-water	penicillin G pot in dextrose
metronidazole in sodium chloride	metronidazole in NaCl (iso-os)

**Appendix D. List of Non-Proprietary and Brand Names of Medical Products Used to Define Outcome Criteria in this Request**

<b>Non-Proprietary Name</b>	<b>Brand Name</b>
acyclovir	acyclovir
acyclovir	Zovirax
gentamicin sulfate	gentamicin
gentamicin sulfate/PF	gentamicin sulfate (PF)
tobramycin sulfate/sodium chloride	tobramycin in 0.9 % NaCl
nafcillin sodium	nafcillin
ampicillin sodium	ampicillin sodium
clindamycin phosphate	clindamycin phosphate
vancomycin HCl	vancomycin
ceftazidime	Tazicef
erythromycin lactobionate	Erythrocin
doxycycline monohydrate	doxycycline monohydrate
metronidazole	metronidazole
clindamycin HCl	clindamycin HCl
oxacillin sodium	oxacillin
ceftazidime	ceftazidime
cefazolin sodium	cefazolin
griseofulvin ultramicrosize	Gris-PEG (ultramicrosize)
pyrazinamide	pyrazinamide
pyrantel pamoate	Reese's Pinworm Medicine
sulfamethoxazole/trimethoprim	Bactrim
sulfamethoxazole/trimethoprim	Bactrim DS
cycloserine	cycloserine
dapsone	dapsone
minocycline HCl	Minocin
capreomycin sulfate	Capastat
erythromycin ethylsuccinate	E.E.S. 400
erythromycin base	erythromycin
erythromycin stearate	Erythrocin (as stearate)
erythromycin ethylsuccinate	erythromycin ethylsuccinate
erythromycin base	PCE
erythromycin base	Ery-Tab
erythromycin ethylsuccinate	EryPed 400
erythromycin ethylsuccinate	EryPed 200
erythromycin ethylsuccinate	E.E.S. Granules
cefuroxime sodium	Zinacef
ceftazidime	Fortaz
ceftazidime sodium in iso-osmotic dextrose	Fortaz in dextrose 5 %
cefuroxime sodium/water for injection,sterile	Zinacef in Sterile Water
colistin (as colistimethate sodium)	Coly-Mycin M Parenteral
colistin (as colistimethate sodium)	colistin (colistimethate Na)
flucytosine	flucytosine
ribavirin	ribavirin
amoxicillin/potassium clavulanate	Augmentin
amoxicillin/potassium clavulanate	amoxicillin-pot clavulanate
minocycline HCl	minocycline

**Appendix D. List of Non-Proprietary and Brand Names of Medical Products Used to Define Outcome Criteria in this Request**

<b>Non-Proprietary Name</b>	<b>Brand Name</b>
praziquantel	Biltricide
ciprofloxacin HCl	Cipro
pyrimethamine	Daraprim
cefotetan disodium	Cefotan
ethambutol HCl	ethambutol
cephalexin	Keflex
clindamycin palmitate HCl	Clindamycin Pediatric
fluconazole	fluconazole
penicillin G procaine	penicillin G procaine
penicillin G benzathine/penicillin G procaine	Bicillin C-R
penicillin G benzathine	Bicillin L-A
vancomycin HCl	Vancocin
chloramphenicol sod succinate	chloramphenicol sod succinate
acyclovir sodium	acyclovir sodium
pentamidine isethionate	Pentam
doxycycline hyclate	Doxy-100
gentamicin sulfate/PF	gentamicin sulfate (ped) (PF)
pentamidine isethionate	Nebupent
ampicillin trihydrate	ampicillin
griseofulvin ultramicrosize	griseofulvin ultramicrosize
ethambutol HCl	Myambutol
pyrimethamine	pyrimethamine
ofloxacin	ofloxacin
interferon gamma-1b, recomb.	Actimmune
ciprofloxacin lactate/dextrose 5 % in water	Cipro in D5W
cefazolin sodium/dextrose, iso-osmotic	cefazolin in dextrose (iso-os)
tobramycin sulfate	tobramycin sulfate
clarithromycin	Biaxin
clarithromycin	clarithromycin
azithromycin	azithromycin
amphotericin B	amphotericin B
itraconazole	itraconazole
itraconazole	Sporanox
itraconazole	Sporanox Pulsepak
rifabutin	Mycobutin
rifabutin	rifabutin
moxifloxacin HCl	moxifloxacin
vancomycin in 0.9 % sodium chloride	vancomycin in 0.9 % sodium chl
rimantadine HCl	Flumadine
amikacin sulfate	amikacin
piperacillin sodium/tazobactam sodium	Zosyn
rifampin/isoniazid/pyrazinamide	Rifater
famciclovir	Famvir
aminosalicylic acid	Paser
sulfadiazine	sulfadiazine
azithromycin	Zithromax

**Appendix D. List of Non-Proprietary and Brand Names of Medical Products Used to Define Outcome Criteria in this Request**

<b>Non-Proprietary Name</b>	<b>Brand Name</b>
polymyxin B sulfate	polymyxin B sulfate
mebendazole	Emverm
atovaquone	Mepron
atovaquone	atovaquone
valacyclovir HCl	Valtrex
amphotericin B lipid complex	Abelcet
ceftibuten	ceftibuten
ceftibuten	Cedax
cefepime HCl	Maxipime
terbinafine HCl	Lamisil
albendazole	Albenza
albendazole	albendazole
meropenem	Merrem
azithromycin	Zithromax Z-Pak
levofloxacin/dextrose 5 % in water	Levaquin in 5 % dextrose
levofloxacin	Levaquin
bacitracin	BACiiM
rifampin	rifampin
vancomycin in 5 % dextrose in water	vancomycin in dextrose 5 %
amphotericin B liposome	AmBisome
ciprofloxacin	Cipro
piperacillin and tazobactam in dextrose, iso-osmotic	Zosyn in dextrose (iso-osm)
rifapentine	Priftin
streptomycin sulfate	streptomycin
cefuroxime sodium	cefuroxime sodium
paromomycin sulfate	paromomycin
ketoconazole	ketoconazole
ivermectin	Stromectol
quinupristin/dalfopristin	Synercid
oseltamivir phosphate	Tamiflu
moxifloxacin HCl	Avelox
moxifloxacin HCl	Avelox ABC Pack
ampicillin sodium/sulbactam sodium	ampicillin-sulbactam
trimethoprim	Primsol
linezolid in dextrose 5 % in water	Zyvox
linezolid	Zyvox
linezolid	linezolid
cefoxitin sodium	cefoxitin
atovaquone/proguanil HCl	Malarone
atovaquone/proguanil HCl	Malarone Pediatric
atovaquone/proguanil HCl	atovaquone-proguanil
caspofungin acetate	Cancidas
penicillin G sodium	penicillin G sodium
valganciclovir HCl	Valcyte
amoxicillin/potassium clavulanate	Augmentin ES-600
cefditoren pivoxil	cefditoren pivoxil

**Appendix D. List of Non-Proprietary and Brand Names of Medical Products Used to Define Outcome Criteria in this Request**

<b>Non-Proprietary Name</b>	<b>Brand Name</b>
ertapenem sodium	Invanz
ertapenem sodium	ertapenem
moxifloxacin HCl in sodium chloride, iso-osmotic	Avelox in NaCl (iso-osmotic)
mefloquine HCl	mefloquine
voriconazole	Vfend
voriconazole	Vfend IV
azithromycin	Zithromax TRI-PAK
voriconazole	voriconazole
rimantadine HCl	rimantadine
penicillin G potassium	penicillin G potassium
cefaclor	cefaclor
amoxicillin/potassium clavulanate	Augmentin XR
ceftriaxone sodium	ceftriaxone
cefotaxime sodium	cefotaxime
nitazoxanide	Alinia
cefuroxime axetil	cefuroxime axetil
daptomycin	daptomycin
daptomycin	Cubicin
daptomycin	Cubicin RF
cefixime	Suprax
cefixime	cefixime
telithromycin	Ketek
ciprofloxacin HCl	ciprofloxacin HCl
tinidazole	Tindamax
tinidazole	tinidazole
rifaximin	Xifaxan
fluconazole in sodium chloride, iso-osmotic	fluconazole in NaCl (iso-osm)
fluconazole in dextrose, iso-osmotic	fluconazole in dextrose(iso-o)
ethionamide	Trecator
demeclocycline HCl	demeclocycline
griseofulvin, microsize	griseofulvin microsize
micafungin sodium	Mycamine
ceftriaxone sodium in iso-osmotic dextrose	ceftriaxone in dextrose,iso-os
foscarnet sodium	foscarnet
azithromycin	Zmax
tigecycline	Tygacil
doxycycline monohydrate	Adoxa
cefprozil	cefprozil
cefoxitin sodium/dextrose, iso-osmotic	cefoxitin in dextrose, iso-osm
cefdinir	cefdinir
doxycycline monohydrate	Oracea
ciprofloxacin lactate	ciprofloxacin lactate
posaconazole	Noxafil
valacyclovir HCl	valacyclovir
cefpodoxime proxetil	cefpodoxime
terbinafine HCl	terbinafine HCl

**Appendix D. List of Non-Proprietary and Brand Names of Medical Products Used to Define Outcome Criteria in this Request**

<b>Non-Proprietary Name</b>	<b>Brand Name</b>
cefepime HCl	cefepime
cefotetan disodium in iso-osmotic dextrose	cefotetan in dextrose, iso-osm
cefotetan disodium	cefotetan
famciclovir	famciclovir
doripenem	Doribax
amoxicillin	Moxatag
ciprofloxacin lactate/dextrose 5 % in water	ciprofloxacin in 5 % dextrose
cefditoren pivoxil	Spectracef
cefepime HCl in iso-osmotic dextrose	cefepime in dextrose,iso-osm
artemether/lumefantrine	Coartem
anidulafungin	Eraxis(Water Diluent)
minocycline HCl	Solodyn
telavancin HCl	Vibativ
piperacillin sodium/tazobactam sodium	piperacillin-tazobactam
chloroquine phosphate	chloroquine phosphate
itraconazole	Onmel
cefepime HCl in dextrose 5 % in water	cefepime in dextrose 5 %
aztreonam	aztreonam
ganciclovir sodium	ganciclovir sodium
meropenem	meropenem
ceftaroline fosamil acetate	Teflaro
doxycycline hyclate	Morgidox
doxycycline hyclate/skin cleanser combination no.19	Morgidox 1x100
doxycycline hyclate/skin cleanser combination no.19	Morgidox 2x100
doxycycline hyclate/skin cleanser combination no.19	Morgidox 1x 50
fidaxomicin	Difcid
ceftazidime in dextrose 5% and water	ceftazidime in D5W
levofloxacin	levofloxacin
levofloxacin/dextrose 5 % in water	levofloxacin in D5W
imipenem/cilastatin sodium	imipenem-cilastatin
clindamycin phosphate/dextrose 5 % in water	clindamycin in 5 % dextrose
minocycline HCl	Ximino
linezolid in dextrose 5 % in water	linezolid in dextrose 5%
bedaquiline fumarate	Sirturo
doxycycline hyclate	Doryx
acyclovir	Sitavig
posaconazole	posaconazole
ciprofloxacin	ciprofloxacin
miltefosine	Impavido
dalbavancin HCl	Dalvance
tedizolid phosphate	Sivextro
oritavancin diphosphate	Orbactiv
ivermectin	ivermectin
valganciclovir HCl	valganciclovir
peramivir/PF	Rapivab (PF)
ceftolozane sulfate/tazobactam sodium	Zerbaxa

**Appendix D. List of Non-Proprietary and Brand Names of Medical Products Used to Define Outcome Criteria in this Request**

<b>Non-Proprietary Name</b>	<b>Brand Name</b>
ceftazidime/avibactam sodium	Avycaz
isavuconazonium sulfate	Cresemba
moxifloxacin HCl in sodium acetate and sulfate,water,iso-osm	moxifloxacin-sod.ace,sul-water
meropenem in 0.9 % sodium chloride	meropenem-0.9% sodium chloride
tigecycline	tigecycline
lincomycin HCl	lincomycin
linezolid in 0.9 % sodium chloride	linezolid-0.9% sodium chloride
doxycycline hyclate	Doryx MPC
clindamycin palmitate HCl	clindamycin palmitate HCl
oseltamivir phosphate	oseltamivir
doripenem	doripenem
casprofungin acetate	casprofungin
ganciclovir	ganciclovir
clindamycin phosphate in 0.9 % sodium chloride	clindamycin in 0.9 % sod chlor
moxifloxacin HCl in sodium chloride, iso-osmotic	moxifloxacin-sod.chloride(iso)
minocycline HCl	Minolira ER
delafloxacin meglumine	Baxdela
benznidazole	benznidazole
meropenem/vaborbactam	Vabomere
secnidazole	Solosec
pentamidine isethionate	pentamidine
letermovir	Prevymis
praziquantel	praziquantel
vancomycin HCl	Firvanq
itraconazole	Tolsura
micafungin sodium	micafungin
cephalexin	Daxbia
pyrantel pamoate	Pinworm Treatment
pyrantel pamoate	Pin-X
cefazolin sodium in 0.9 % sodium chloride	cefazolin in 0.9% sod chloride
doxycycline monohydrate	Monodox
doxycycline hyclate	Acticlate
ticarcillin disodium/potassium clavulanate	ticarcillin-K clavulanat(bulk)
doxycycline monohydrate/benzoyl peroxide	BenoxylDoxy 30
doxycycline monohydrate/benzoyl peroxide	BenoxylDoxy 60
doxycycline monohydrate/benzoyl peroxide	BenzoDox 30
doxycycline monohydrate/benzoyl peroxide	BenzoDox 60
cefazolin sodium/dextrose 5 % in water	cefazolin in dextrose 5 %
cefazolin sodium/water for injection,sterile	cefazolin in sterile water
gentamicin sulfate/sodium citrate	gentamicin-sodium citrate
doxycycline monohydrate	Avidoxy
doxycycline monohydrate/salicylic acid/octinoxate/zinc oxide	Avidoxy DK
gemifloxacin mesylate	Factive
erythromycin stearate	erythromycin stearate
clindamycin phosphate	Clin Single Use
doxycycline monohydrate	Okebo



**Appendix D. List of Non-Proprietary and Brand Names of Medical Products Used to Define Outcome Criteria in this Request**

<b>Non-Proprietary Name</b>	<b>Brand Name</b>
minocycline HCl	CoreMino
doxycycline hyclate	Targadox
doxycycline monohydrate	Mondoxyne NL
doxycycline hyclate	Soloxide
acyclovir sodium/dextrose 5 % in water	acyclovir sod in dextrose 5 %
pyrantel pamoate	PinAway
trimethoprim	Trimpex
foscarnet sodium	Foscavir
methenamine hippurate	Hiprex
nitrofurantoin monohydrate/macrocrystals	nitrofurantoin monohyd/m-cryst
methenamine mandelate/sodium phosphate,monobasic	Uroqid-Acid No.2
methenamine/methylene blue/salicylate/sodium phos/hyoscyamin	URIMAR-T
methenamine hippurate	methenamine hippurate
nitrofurantoin	nitrofurantoin
hydroxychloroquine sulfate	Plaquenil
methenamine/sod phosph,monobasic/methylene blue/hyoscyamine	Urolet MB
methenamine mandelate	methenamine mandelate
nitrofurantoin macrocrystal	nitrofurantoin macrocrystal
zidovudine	Retrovir
methenamine/methylene blue/sod phos/p.salicylate/hyoscyamine	UR N-C
nitrofurantoin macrocrystal	Macrodantin
nitrofurantoin	Furadantin
hydroxychloroquine sulfate	hydroxychloroquine
didanosine	Videx 2 gram Pediatric
didanosine	Videx 4 gram Pediatric
nitrofurantoin monohydrate/macrocrystals	Macrobid
stavudine	Zerit
lamivudine	Epivir
saquinavir mesylate	Invirase
ritonavir	Norvir
indinavir sulfate	Crixivan
nevirapine	Viramune
cidofovir	Vistide
fosfomycin tromethamine	Monurol
nelfinavir mesylate	Viracept
delavirdine mesylate	Rescriptor
lamivudine/zidovudine	Combivir
nevirapine	nevirapine
efavirenz	Sustiva
lamivudine	Epivir HBV
lamivudine	lamivudine
abacavir sulfate	Ziagen

**Appendix D. List of Non-Proprietary and Brand Names of Medical Products Used to Define Outcome Criteria in this Request**

<b>Non-Proprietary Name</b>	<b>Brand Name</b>
methenamine/methylene blue/sod	Urin DS
phos/p.salicylate/hyoscyamine	
zanamivir	Relenza Diskhaler
lopinavir/ritonavir	Kaletra
didanosine	Videx EC
abacavir sulfate/lamivudine/zidovudine	Trizivir
cidofovir	cidofovir
peginterferon alfa-2b	PegIntron
ribavirin	Rebetol
tenofovir disoproxil fumarate	Viread
methenamine/methylene blue/sod	Urelle
phos/p.salicylate/hyoscyamine	
methenamine/methylene blue/salicylate/sodium phos/hyoscyamin	UTA (with phenyl salicylate)
adefovir dipivoxil	Hepsera
peginterferon alfa-2a	Pegasys
ribavirin	Copegus
thalidomide	Thalomid
enfuvirtide	Fuzeon
atazanavir sulfate	Reyataz
atazanavir sulfate	atazanavir
emtricitabine	Emtriva
peginterferon alfa-2b	PegIntron Redipen
fosamprenavir calcium	Lexiva
ribavirin	Ribasphere
nitazoxanide	nitazoxanide
abacavir sulfate/lamivudine	Epzicom
emtricitabine/tenofovir disoproxil fumarate	Truvada
abacavir sulfate/lamivudine	abacavir-lamivudine
didanosine	didanosine
entecavir	Baraclude
entecavir	entecavir
tipranavir	Aptivus
quinine sulfate	Quaquin
quinine sulfate	quinine sulfate
zidovudine	zidovudine
ribavirin	Moderiba
ribavirin	Moderiba Dose Pack
ribavirin	Ribasphere RibaPak
efavirenz/emtricitabine/tenofovir disoproxil fumarate	Atripla
telbivudine	Tyzeka
ciprofloxacin/ciprofloxacin HCl	ciprofloxacin (mixture)
maraviroc	Selzentry
raltegravir potassium	Isentress
etravirine	Intelence
darunavir ethanolate	Prezista

**Appendix D. List of Non-Proprietary and Brand Names of Medical Products Used to Define Outcome Criteria in this Request**

<b>Non-Proprietary Name</b>	<b>Brand Name</b>
tipranavir/vitamin E TPGS	Aptivus (with vitamin E)
stavudine	stavudine
NYSTATIN/LIDOCAINE HCL/DIPHENHYDRAMINE HCL	First-BXN
ritonavir	ritonavir
miconazole	Oravig
NYSTATIN/HYDROCORTISONE/DIPHENHYDRAMINE HCL	FIRST-Duke's
NYSTATIN/TETRACYCLINE	FIRST-Mary's Mouthwash
HCL/HYDROCORTISONE/DIPHENHYDRAMINE HCL	
methenamine/sod phosph,monobasic/methylene blue/hyoscyamine	Urogesic-Blue
nevirapine	Viramune XR
rilpivirine HCl	Edurant
lamivudine/zidovudine	lamivudine-zidovudine
emtricitabine/rilpivirine HCl/tenofovir disoproxil fumarate	Complera
peginterferon alfa-2a	Pegasys ProClick
abacavir sulfate	abacavir
elvitegravir/cobicistat/emtricitabine/tenofovir disoproxil	Stribild
dolutegravir sodium	Tivicay
adefovir dipivoxil	adefovir
simeprevir sodium	Olysio
abacavir sulfate/lamivudine/zidovudine	abacavir-lamivudine-zidovudine
sofosbuvir	Sovaldi
abacavir sulfate/dolutegravir sodium/lamivudine	Triumeq
elvitegravir	Vitekta
ledipasvir/sofosbuvir	Harvoni
ledipasvir/sofosbuvir	ledipasvir-sofosbuvir
ombitasvir/paritaprevir/ritonavir/dasabuvir sodium	Viekira Pak
methenamine/methylene blue/sod	Uro-MP
phos/p.salicylate/hyoscyamine	
atazanavir sulfate/cobicistat	Evotaz
darunavir ethanolate/cobicistat	Prezcobix
tenofovir disoproxil fumarate	tenofovir disoproxil fumarate
daclatasvir dihydrochloride	Daklinza
ombitasvir/paritaprevir/ritonavir	Technivie
elvitegravir/cobicistat/emtricitabine/tenofovir alafenamide	Genvoya
elbasvir/grazoprevir	Zepatier
efavirenz	efavirenz
emtricitabine/rilpivirine HCl/tenofovir alafenamide fumarate	Odefsey
emtricitabine/tenofovir alafenamide fumarate	Descovy
fosamprenavir calcium	fosamprenavir
sofosbuvir/velpatasvir	Epclusa
sofosbuvir/velpatasvir	sofosbuvir-velpatasvir
methenamine/methylene blue/sod	Uro-458
phos/p.salicylate/hyoscyamine	
ombitasvir/paritaprevir/ritonavir/dasabuvir sodium	Viekira XR

**Appendix D. List of Non-Proprietary and Brand Names of Medical Products Used to Define Outcome Criteria in this Request**

<b>Non-Proprietary Name</b>	<b>Brand Name</b>
methenamine/sod phosph,monobasic/methylene blue/hyoscyamine	methen-sod phos-meth blue-hyos
tenofovir alafenamide	Vemlidy
lopinavir/ritonavir	lopinavir-ritonavir
raltegravir potassium	Isentress HD
emtricitabine/tenofovir disoproxil fumarate	emtricitabine-tenofovir (TDF)
sofosbuvir/velpatasvir/voxilaprevir	Vosevi
glecaprevir/pibrentasvir	Mavyret
dolutegravir sodium/rilpivirine HCl	Juluca
efavirenz/lamivudine/tenofovir disoproxil fumarate	Symfi Lo
bictegravir sodium/emtricitabine/tenofovir alafenamide fumarate	Biktarvy
lamivudine/tenofovir disoproxil fumarate	Cimduo
ibalizumab-uiyk	Trogarzo
efavirenz/lamivudine/tenofovir disoproxil fumarate	Symfi
plazomicin sulfate	Zemdri
emtricitabine	emtricitabine
darunavir eth/cobicistat/emtricitabine/tenofovir alafenamide	Symtuza
tafenoquine succinate	Krintafel
eravacycline di-hydrochloride	Xerava
doravirine	Pifeltro
doravirine/lamivudine/tenofovir disoproxil fumarate	Delstrigo
efavirenz/emtricitabine/tenofovir disoproxil fumarate	efavirenz-emtricitabin-tenofov
amikacin sulfate liposomal with nebulizer accessories	Arikayce
omadacycline tosylate	Nuzyra
omadacycline tosylate	Nuzyra (7 Day)
omadacycline tosylate	Nuzyra (7 Day with Load Dose)
baloxavir marboxil	Xofluza
rifamycin sodium	Aemcolo
lamivudine/tenofovir disoproxil fumarate	Temixys
vancomycin HCl in water for injection (PEG-400, NADA)	vancomycin-water inject (PEG)
dolutegravir sodium/lamivudine	Dovato
imipenem/cilastatin sodium/relebactam	Recarbrio
pretomanid	pretomanid
lefamulin acetate	Xenleta
cefiderocol sulfate tosylate	Fetroja
efavirenz/lamivudine/tenofovir disoproxil fumarate	efavirenz-lamivu-tenofov disop
dolutegravir sodium	Tivicay PD
fostemsavir tromethamine	Rukobia
nifurtimox	Lampit
fosfomycin tromethamine	fosfomycin tromethamine
remdesivir	remdesivir
remdesivir	Veklury
artesunate	artesunate
cabotegravir/rilpivirine	Cabenuva
oritavancin diphosphate	Kimyrsa

**Appendix D. List of Non-Proprietary and Brand Names of Medical Products Used to Define Outcome Criteria in this Request**

<b>Non-Proprietary Name</b>	<b>Brand Name</b>
ibrexafungerp citrate	Brexafemme
etravirine	etravirine
molnupiravir	molnupiravir
nirmatrelvir/ritonavir	Paxlovid (EUA)
methenamine/methylene blue/sod phos/p.salicylate/hyoscyamine	Uribel
methenamine/methylene blue/benzoic acid/salicylat/hyoscyamin	Hyophen
methenamine/methylene blue/sod phos/p.salicylate/hyoscyamine	Phosphasal
methenamine/methylene blue/salicylate/sodium phos/hyoscyamin	Ustell
triclabendazole	Egaten
methenamine/methylene blue/sod phos/p.salicylate/hyoscyamine	Utira-C
methenamine/methylene blue/sod phos/p.salicylate/hyoscyamine	Uretron D-S
sarecycline HCl	Seysara
ribavirin	RIBATAB Dose Pack
methenamine/sod phosph,monobasic/methylene blue/hyoscyamine	UTA
methenamine/methylene blue/sod phos/p.salicylate/hyoscyamine	Uramit MB
methenamine/methylene blue/sod phos/p.salicylate/hyoscyamine	Hyolev MB
methenamine/methylene blue/benzoic acid/salicylat/hyoscyamin	Urophen MB
methenamine/methylene blue/salicylate/sodium phos/hyoscyamin	Azuphen MB
methenamine/sod phosph,monobasic/methylene blue/hyoscyamine	Indiomin MB
methenamine/methylene blue/sod phos/p.salicylate/hyoscyamine	UroAv-81
methenamine/methylene blue/sod phos/p.salicylate/hyoscyamine	UroAv-B
methenamine/sodium salicylate	Antibacterial-Urinary Pain Rlf
cabotegravir sodium	Vocabria
cabotegravir	Apretude
methenamine/sod phosph,monobasic/methylene blue/hyoscyamine	Uryl
tecovirimat	Tpoxx (National Stockpile)
ciprofloxacin/ciprofloxacin HCl	Cipro XR
octanoic acid	octanoic acid (bulk)
phenoxyethanol	phenoxyethanol (bulk)

**Appendix D. List of Non-Proprietary and Brand Names of Medical Products Used to Define Outcome Criteria in this Request**

<b>Non-Proprietary Name</b>	<b>Brand Name</b>
methenamine/sod phosph,monobasic/methylene blue/hyoscyamine	Uro-Blue
methenamine/methylene blue/sod phos/p.salicylate/hyoscyamine	Uro-L
maribavir	Livtencity
methenamine/methylene blue/sod phos/p.salicylate/hyoscyamine	Vilevev MB
methenamine/methylene blue/sod phos/p.salicylate/hyoscyamine	Vilamit MB
vancomycin HCl in sterile water	vancomycin HCl in water
tafenoquine succinate	Arakoda
acyclovir sodium in 0.9 % sodium chloride	acyclovir in 0.9 % sodium chlr
acyclovir/benzyl alcohol	Acyclovix
doxycycline hyclate	LymePak
paromomycin sulfate	Humatin
methenamine/sodium salicylate	AZO Urinary Tract Defense

**Appendix E. List of International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, Healthcare Common Procedure Coding System (HCPCS), Current Procedural Terminology, Fourth Edition (CPT-4) and Second Edition (CPT Category II) Procedure Codes Used to Define Outcome Criteria in this Request**

Code	Description	Code Category	Code Type
<b>Pneumonia</b>			
A01.03	Typhoid pneumonia	Diagnosis	ICD-10-CM
A02.22	Salmonella pneumonia	Diagnosis	ICD-10-CM
A20.2	Pneumonic plague	Diagnosis	ICD-10-CM
A21.2	Pulmonary tularemia	Diagnosis	ICD-10-CM
A31.0	Pulmonary mycobacterial infection	Diagnosis	ICD-10-CM
A37.01	Whooping cough due to Bordetella pertussis with pneumonia	Diagnosis	ICD-10-CM
A37.11	Whooping cough due to Bordetella parapertussis with pneumonia	Diagnosis	ICD-10-CM
A37.81	Whooping cough due to other Bordetella species with pneumonia	Diagnosis	ICD-10-CM
A37.91	Whooping cough, unspecified species with pneumonia	Diagnosis	ICD-10-CM
A43.0	Pulmonary nocardiosis	Diagnosis	ICD-10-CM
A48.1	Legionnaires' disease	Diagnosis	ICD-10-CM
B01.2	Varicella pneumonia	Diagnosis	ICD-10-CM
B05.2	Measles complicated by pneumonia	Diagnosis	ICD-10-CM
B06.81	Rubella pneumonia	Diagnosis	ICD-10-CM
B25.0	Cytomegaloviral pneumonitis	Diagnosis	ICD-10-CM
B37.1	Pulmonary candidiasis	Diagnosis	ICD-10-CM
B38.0	Acute pulmonary coccidioidomycosis	Diagnosis	ICD-10-CM
B38.2	Pulmonary coccidioidomycosis, unspecified	Diagnosis	ICD-10-CM
B39.0	Acute pulmonary histoplasmosis capsulati	Diagnosis	ICD-10-CM
B39.2	Pulmonary histoplasmosis capsulati, unspecified	Diagnosis	ICD-10-CM
B58.3	Pulmonary toxoplasmosis	Diagnosis	ICD-10-CM
B59	Pneumocystosis	Diagnosis	ICD-10-CM
B77.81	Ascariasis pneumonia	Diagnosis	ICD-10-CM
J10.00	Influenza due to other identified influenza virus with unspecified type of pneumonia	Diagnosis	ICD-10-CM
J10.08	Influenza due to other identified influenza virus with other specified pneumonia	Diagnosis	ICD-10-CM
J11.00	Influenza due to unidentified influenza virus with unspecified type of pneumonia	Diagnosis	ICD-10-CM
J11.08	Influenza due to unidentified influenza virus with specified pneumonia	Diagnosis	ICD-10-CM
J12.0	Adenoviral pneumonia	Diagnosis	ICD-10-CM
J12.1	Respiratory syncytial virus pneumonia	Diagnosis	ICD-10-CM
J12.2	Parainfluenza virus pneumonia	Diagnosis	ICD-10-CM
J12.3	Human metapneumovirus pneumonia	Diagnosis	ICD-10-CM
J12.81	Pneumonia due to SARS-associated coronavirus	Diagnosis	ICD-10-CM
J12.89	Other viral pneumonia	Diagnosis	ICD-10-CM
J12.9	Viral pneumonia, unspecified	Diagnosis	ICD-10-CM
J13	Pneumonia due to Streptococcus pneumoniae	Diagnosis	ICD-10-CM
J14	Pneumonia due to Hemophilus influenzae	Diagnosis	ICD-10-CM
J15.0	Pneumonia due to Klebsiella pneumoniae	Diagnosis	ICD-10-CM
J15.1	Pneumonia due to Pseudomonas	Diagnosis	ICD-10-CM
J15.20	Pneumonia due to staphylococcus, unspecified	Diagnosis	ICD-10-CM

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<b>Code</b>	<b>Description</b>	<b>Code Category</b>	<b>Code Type</b>
J15.211	Pneumonia due to Methicillin susceptible Staphylococcus aureus	Diagnosis	ICD-10-CM
J15.212	Pneumonia due to Methicillin resistant Staphylococcus aureus	Diagnosis	ICD-10-CM
J15.29	Pneumonia due to other staphylococcus	Diagnosis	ICD-10-CM
J15.3	Pneumonia due to streptococcus, group B	Diagnosis	ICD-10-CM
J15.4	Pneumonia due to other streptococci	Diagnosis	ICD-10-CM
J15.5	Pneumonia due to Escherichia coli	Diagnosis	ICD-10-CM
J15.6	Pneumonia due to other Gram-negative bacteria	Diagnosis	ICD-10-CM
J15.7	Pneumonia due to Mycoplasma pneumoniae	Diagnosis	ICD-10-CM
J15.8	Pneumonia due to other specified bacteria	Diagnosis	ICD-10-CM
J15.9	Unspecified bacterial pneumonia	Diagnosis	ICD-10-CM
J16.0	Chlamydial pneumonia	Diagnosis	ICD-10-CM
J16.8	Pneumonia due to other specified infectious organisms	Diagnosis	ICD-10-CM
J17	Pneumonia in diseases classified elsewhere	Diagnosis	ICD-10-CM
J18.0	Bronchopneumonia, unspecified organism	Diagnosis	ICD-10-CM
J18.1	Lobar pneumonia, unspecified organism	Diagnosis	ICD-10-CM
J18.8	Other pneumonia, unspecified organism	Diagnosis	ICD-10-CM
J18.9	Pneumonia, unspecified organism	Diagnosis	ICD-10-CM
J85.1	Abscess of lung with pneumonia	Diagnosis	ICD-10-CM
<b>Serious and Non-serious Infection</b>			
A00.0	Cholera due to Vibrio cholerae 01, biovar cholerae	Diagnosis	ICD-10-CM
A00.1	Cholera due to Vibrio cholerae 01, biovar eltor	Diagnosis	ICD-10-CM
A00.9	Cholera, unspecified	Diagnosis	ICD-10-CM
A01.00	Typhoid fever, unspecified	Diagnosis	ICD-10-CM
A01.01	Typhoid meningitis	Diagnosis	ICD-10-CM
A01.02	Typhoid fever with heart involvement	Diagnosis	ICD-10-CM
A01.03	Typhoid pneumonia	Diagnosis	ICD-10-CM
A01.04	Typhoid arthritis	Diagnosis	ICD-10-CM
A01.05	Typhoid osteomyelitis	Diagnosis	ICD-10-CM
A01.09	Typhoid fever with other complications	Diagnosis	ICD-10-CM
A01.1	Paratyphoid fever A	Diagnosis	ICD-10-CM
A01.2	Paratyphoid fever B	Diagnosis	ICD-10-CM
A01.3	Paratyphoid fever C	Diagnosis	ICD-10-CM
A01.4	Paratyphoid fever, unspecified	Diagnosis	ICD-10-CM
A02.0	Salmonella enteritis	Diagnosis	ICD-10-CM
A02.1	Salmonella sepsis	Diagnosis	ICD-10-CM
A02.20	Localized salmonella infection, unspecified	Diagnosis	ICD-10-CM
A02.21	Salmonella meningitis	Diagnosis	ICD-10-CM
A02.22	Salmonella pneumonia	Diagnosis	ICD-10-CM
A02.23	Salmonella arthritis	Diagnosis	ICD-10-CM
A02.24	Salmonella osteomyelitis	Diagnosis	ICD-10-CM



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<b>Code</b>	<b>Description</b>	<b>Code Category</b>	<b>Code Type</b>
A02.25	Salmonella pyelonephritis	Diagnosis	ICD-10-CM
A02.29	Salmonella with other localized infection	Diagnosis	ICD-10-CM
A02.8	Other specified salmonella infections	Diagnosis	ICD-10-CM
A02.9	Salmonella infection, unspecified	Diagnosis	ICD-10-CM
A03.0	Shigellosis due to Shigella dysenteriae	Diagnosis	ICD-10-CM
A03.1	Shigellosis due to Shigella flexneri	Diagnosis	ICD-10-CM
A03.2	Shigellosis due to Shigella boydii	Diagnosis	ICD-10-CM
A03.3	Shigellosis due to Shigella sonnei	Diagnosis	ICD-10-CM
A03.8	Other shigellosis	Diagnosis	ICD-10-CM
A03.9	Shigellosis, unspecified	Diagnosis	ICD-10-CM
A04	Other bacterial intestinal infections	Diagnosis	ICD-10-CM
A04.0	Enteropathogenic Escherichia coli infection	Diagnosis	ICD-10-CM
A04.1	Enterotoxigenic Escherichia coli infection	Diagnosis	ICD-10-CM
A04.2	Enteroinvasive Escherichia coli infection	Diagnosis	ICD-10-CM
A04.3	Enterohemorrhagic Escherichia coli infection	Diagnosis	ICD-10-CM
A04.4	Other intestinal Escherichia coli infections	Diagnosis	ICD-10-CM
A04.5	Campylobacter enteritis	Diagnosis	ICD-10-CM
A04.6	Enteritis due to Yersinia enterocolitica	Diagnosis	ICD-10-CM
A04.7	Enterocolitis due to Clostridium difficile	Diagnosis	ICD-10-CM
A04.71	Enterocolitis due to Clostridium difficile, recurrent	Diagnosis	ICD-10-CM
A04.72	Enterocolitis due to Clostridium difficile, not specified as recurrent	Diagnosis	ICD-10-CM
A04.8	Other specified bacterial intestinal infections	Diagnosis	ICD-10-CM
A04.9	Bacterial intestinal infection, unspecified	Diagnosis	ICD-10-CM
A05.0	Foodborne staphylococcal intoxication	Diagnosis	ICD-10-CM
A05.1	Botulism food poisoning	Diagnosis	ICD-10-CM
A05.2	Foodborne Clostridium perfringens [Clostridium welchii] intoxication	Diagnosis	ICD-10-CM
A05.3	Foodborne Vibrio parahaemolyticus intoxication	Diagnosis	ICD-10-CM
A05.4	Foodborne Bacillus cereus intoxication	Diagnosis	ICD-10-CM
A05.5	Foodborne Vibrio vulnificus intoxication	Diagnosis	ICD-10-CM
A05.8	Other specified bacterial foodborne intoxications	Diagnosis	ICD-10-CM
A05.9	Bacterial foodborne intoxication, unspecified	Diagnosis	ICD-10-CM
A06.0	Acute amebic dysentery	Diagnosis	ICD-10-CM
A06.1	Chronic intestinal amebiasis	Diagnosis	ICD-10-CM
A06.2	Amebic nondysenteric colitis	Diagnosis	ICD-10-CM
A06.3	Ameboma of intestine	Diagnosis	ICD-10-CM
A06.4	Amebic liver abscess	Diagnosis	ICD-10-CM
A06.5	Amebic lung abscess	Diagnosis	ICD-10-CM
A06.6	Amebic brain abscess	Diagnosis	ICD-10-CM
A06.7	Cutaneous amebiasis	Diagnosis	ICD-10-CM
A06.81	Amebic cystitis	Diagnosis	ICD-10-CM

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<b>Code</b>	<b>Description</b>	<b>Code Category</b>	<b>Code Type</b>
A06.82	Other amebic genitourinary infections	Diagnosis	ICD-10-CM
A06.89	Other amebic infections	Diagnosis	ICD-10-CM
A06.9	Amebiasis, unspecified	Diagnosis	ICD-10-CM
A07.0	Balantidiasis	Diagnosis	ICD-10-CM
A07.1	Giardiasis [lambliaosis]	Diagnosis	ICD-10-CM
A07.2	Cryptosporidiosis	Diagnosis	ICD-10-CM
A07.3	Isosporiasis	Diagnosis	ICD-10-CM
A07.4	Cyclosporiasis	Diagnosis	ICD-10-CM
A07.8	Other specified protozoal intestinal diseases	Diagnosis	ICD-10-CM
A07.9	Protozoal intestinal disease, unspecified	Diagnosis	ICD-10-CM
A08.0	Rotaviral enteritis	Diagnosis	ICD-10-CM
A08.11	Acute gastroenteropathy due to Norwalk agent	Diagnosis	ICD-10-CM
A08.19	Acute gastroenteropathy due to other small round viruses	Diagnosis	ICD-10-CM
A08.2	Adenoviral enteritis	Diagnosis	ICD-10-CM
A08.31	Calicivirus enteritis	Diagnosis	ICD-10-CM
A08.32	Astrovirus enteritis	Diagnosis	ICD-10-CM
A08.39	Other viral enteritis	Diagnosis	ICD-10-CM
A08.4	Viral intestinal infection, unspecified	Diagnosis	ICD-10-CM
A08.8	Other specified intestinal infections	Diagnosis	ICD-10-CM
A09	Infectious gastroenteritis and colitis, unspecified	Diagnosis	ICD-10-CM
A15.0	Tuberculosis of lung	Diagnosis	ICD-10-CM
A15.4	Tuberculosis of intrathoracic lymph nodes	Diagnosis	ICD-10-CM
A15.5	Tuberculosis of larynx, trachea and bronchus	Diagnosis	ICD-10-CM
A15.6	Tuberculous pleurisy	Diagnosis	ICD-10-CM
A15.7	Primary respiratory tuberculosis	Diagnosis	ICD-10-CM
A15.8	Other respiratory tuberculosis	Diagnosis	ICD-10-CM
A15.9	Respiratory tuberculosis unspecified	Diagnosis	ICD-10-CM
A17.0	Tuberculous meningitis	Diagnosis	ICD-10-CM
A17.1	Meningeal tuberculoma	Diagnosis	ICD-10-CM
A17.81	Tuberculoma of brain and spinal cord	Diagnosis	ICD-10-CM
A17.82	Tuberculous meningoencephalitis	Diagnosis	ICD-10-CM
A17.83	Tuberculous neuritis	Diagnosis	ICD-10-CM
A17.89	Other tuberculosis of nervous system	Diagnosis	ICD-10-CM
A17.9	Tuberculosis of nervous system, unspecified	Diagnosis	ICD-10-CM
A18.01	Tuberculosis of spine	Diagnosis	ICD-10-CM
A18.02	Tuberculous arthritis of other joints	Diagnosis	ICD-10-CM
A18.03	Tuberculosis of other bones	Diagnosis	ICD-10-CM
A18.09	Other musculoskeletal tuberculosis	Diagnosis	ICD-10-CM
A18.10	Tuberculosis of genitourinary system, unspecified	Diagnosis	ICD-10-CM
A18.11	Tuberculosis of kidney and ureter	Diagnosis	ICD-10-CM

**Appendix E. List of International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, Healthcare Common Procedure Coding System (HCPCS), Current Procedural Terminology, Fourth Edition (CPT-4) and Second Edition (CPT Category II) Procedure Codes Used to Define Outcome Criteria in this Request**

<b>Code</b>	<b>Description</b>	<b>Code Category</b>	<b>Code Type</b>
A18.12	Tuberculosis of bladder	Diagnosis	ICD-10-CM
A18.13	Tuberculosis of other urinary organs	Diagnosis	ICD-10-CM
A18.14	Tuberculosis of prostate	Diagnosis	ICD-10-CM
A18.15	Tuberculosis of other male genital organs	Diagnosis	ICD-10-CM
A18.16	Tuberculosis of cervix	Diagnosis	ICD-10-CM
A18.17	Tuberculous female pelvic inflammatory disease	Diagnosis	ICD-10-CM
A18.18	Tuberculosis of other female genital organs	Diagnosis	ICD-10-CM
A18.2	Tuberculous peripheral lymphadenopathy	Diagnosis	ICD-10-CM
A18.31	Tuberculous peritonitis	Diagnosis	ICD-10-CM
A18.32	Tuberculous enteritis	Diagnosis	ICD-10-CM
A18.39	Retroperitoneal tuberculosis	Diagnosis	ICD-10-CM
A18.4	Tuberculosis of skin and subcutaneous tissue	Diagnosis	ICD-10-CM
A18.50	Tuberculosis of eye, unspecified	Diagnosis	ICD-10-CM
A18.51	Tuberculous episcleritis	Diagnosis	ICD-10-CM
A18.52	Tuberculous keratitis	Diagnosis	ICD-10-CM
A18.53	Tuberculous chorioretinitis	Diagnosis	ICD-10-CM
A18.54	Tuberculous iridocyclitis	Diagnosis	ICD-10-CM
A18.59	Other tuberculosis of eye	Diagnosis	ICD-10-CM
A18.6	Tuberculosis of (inner) (middle) ear	Diagnosis	ICD-10-CM
A18.7	Tuberculosis of adrenal glands	Diagnosis	ICD-10-CM
A18.81	Tuberculosis of thyroid gland	Diagnosis	ICD-10-CM
A18.82	Tuberculosis of other endocrine glands	Diagnosis	ICD-10-CM
A18.83	Tuberculosis of digestive tract organs, not elsewhere classified	Diagnosis	ICD-10-CM
A18.84	Tuberculosis of heart	Diagnosis	ICD-10-CM
A18.85	Tuberculosis of spleen	Diagnosis	ICD-10-CM
A18.89	Tuberculosis of other sites	Diagnosis	ICD-10-CM
A19.0	Acute miliary tuberculosis of a single specified site	Diagnosis	ICD-10-CM
A19.1	Acute miliary tuberculosis of multiple sites	Diagnosis	ICD-10-CM
A19.2	Acute miliary tuberculosis, unspecified	Diagnosis	ICD-10-CM
A19.8	Other miliary tuberculosis	Diagnosis	ICD-10-CM
A19.9	Miliary tuberculosis, unspecified	Diagnosis	ICD-10-CM
A20.0	Bubonic plague	Diagnosis	ICD-10-CM
A20.1	Cellulocutaneous plague	Diagnosis	ICD-10-CM
A20.2	Pneumonic plague	Diagnosis	ICD-10-CM
A20.3	Plague meningitis	Diagnosis	ICD-10-CM
A20.7	Septicemic plague	Diagnosis	ICD-10-CM
A20.8	Other forms of plague	Diagnosis	ICD-10-CM
A20.9	Plague, unspecified	Diagnosis	ICD-10-CM
A21.0	Ulceroglandular tularemia	Diagnosis	ICD-10-CM
A21.1	Oculoglandular tularemia	Diagnosis	ICD-10-CM

**Appendix E. List of International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, Healthcare Common Procedure Coding System (HCPCS), Current Procedural Terminology, Fourth Edition (CPT-4) and Second Edition (CPT Category II) Procedure Codes Used to Define Outcome Criteria in this Request**

<b>Code</b>	<b>Description</b>	<b>Code Category</b>	<b>Code Type</b>
A21.2	Pulmonary tularemia	Diagnosis	ICD-10-CM
A21.3	Gastrointestinal tularemia	Diagnosis	ICD-10-CM
A21.7	Generalized tularemia	Diagnosis	ICD-10-CM
A21.8	Other forms of tularemia	Diagnosis	ICD-10-CM
A21.9	Tularemia, unspecified	Diagnosis	ICD-10-CM
A22.0	Cutaneous anthrax	Diagnosis	ICD-10-CM
A22.1	Pulmonary anthrax	Diagnosis	ICD-10-CM
A22.2	Gastrointestinal anthrax	Diagnosis	ICD-10-CM
A22.7	Anthrax sepsis	Diagnosis	ICD-10-CM
A22.8	Other forms of anthrax	Diagnosis	ICD-10-CM
A22.9	Anthrax, unspecified	Diagnosis	ICD-10-CM
A23.0	Brucellosis due to <i>Brucella melitensis</i>	Diagnosis	ICD-10-CM
A23.1	Brucellosis due to <i>Brucella abortus</i>	Diagnosis	ICD-10-CM
A23.2	Brucellosis due to <i>Brucella suis</i>	Diagnosis	ICD-10-CM
A23.3	Brucellosis due to <i>Brucella canis</i>	Diagnosis	ICD-10-CM
A23.8	Other brucellosis	Diagnosis	ICD-10-CM
A23.9	Brucellosis, unspecified	Diagnosis	ICD-10-CM
A24.0	Glanders	Diagnosis	ICD-10-CM
A24.1	Acute and fulminating melioidosis	Diagnosis	ICD-10-CM
A24.2	Subacute and chronic melioidosis	Diagnosis	ICD-10-CM
A24.3	Other melioidosis	Diagnosis	ICD-10-CM
A24.9	Melioidosis, unspecified	Diagnosis	ICD-10-CM
A25.0	Spirillosis	Diagnosis	ICD-10-CM
A25.1	Streptobacillosis	Diagnosis	ICD-10-CM
A25.9	Rat-bite fever, unspecified	Diagnosis	ICD-10-CM
A26.0	Cutaneous erysipeloid	Diagnosis	ICD-10-CM
A26.7	Erysipelothrix sepsis	Diagnosis	ICD-10-CM
A26.8	Other forms of erysipeloid	Diagnosis	ICD-10-CM
A26.9	Erysipeloid, unspecified	Diagnosis	ICD-10-CM
A27.0	Leptospirosis icterohemorrhagica	Diagnosis	ICD-10-CM
A27.81	Aseptic meningitis in leptospirosis	Diagnosis	ICD-10-CM
A27.89	Other forms of leptospirosis	Diagnosis	ICD-10-CM
A27.9	Leptospirosis, unspecified	Diagnosis	ICD-10-CM
A28.0	Pasteurellosis	Diagnosis	ICD-10-CM
A28.1	Cat-scratch disease	Diagnosis	ICD-10-CM
A28.2	Extraintestinal yersiniosis	Diagnosis	ICD-10-CM
A28.8	Other specified zoonotic bacterial diseases, not elsewhere classified	Diagnosis	ICD-10-CM
A28.9	Zoonotic bacterial disease, unspecified	Diagnosis	ICD-10-CM
A30.0	Indeterminate leprosy	Diagnosis	ICD-10-CM
A30.1	Tuberculoid leprosy	Diagnosis	ICD-10-CM

**Appendix E. List of International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, Healthcare Common Procedure Coding System (HCPCS), Current Procedural Terminology, Fourth Edition (CPT-4) and Second Edition (CPT Category II) Procedure Codes Used to Define Outcome Criteria in this Request**

<b>Code</b>	<b>Description</b>	<b>Code Category</b>	<b>Code Type</b>
A30.2	Borderline tuberculoid leprosy	Diagnosis	ICD-10-CM
A30.3	Borderline leprosy	Diagnosis	ICD-10-CM
A30.4	Borderline lepromatous leprosy	Diagnosis	ICD-10-CM
A30.5	Lepromatous leprosy	Diagnosis	ICD-10-CM
A30.8	Other forms of leprosy	Diagnosis	ICD-10-CM
A30.9	Leprosy, unspecified	Diagnosis	ICD-10-CM
A31.0	Pulmonary mycobacterial infection	Diagnosis	ICD-10-CM
A31.1	Cutaneous mycobacterial infection	Diagnosis	ICD-10-CM
A31.2	Disseminated mycobacterium avium-intracellulare complex (DMAC)	Diagnosis	ICD-10-CM
A31.8	Other mycobacterial infections	Diagnosis	ICD-10-CM
A31.9	Mycobacterial infection, unspecified	Diagnosis	ICD-10-CM
A32.0	Cutaneous listeriosis	Diagnosis	ICD-10-CM
A32.11	Listerial meningitis	Diagnosis	ICD-10-CM
A32.12	Listerial meningoenzephalitis	Diagnosis	ICD-10-CM
A32.7	Listerial sepsis	Diagnosis	ICD-10-CM
A32.81	Oculoglandular listeriosis	Diagnosis	ICD-10-CM
A32.82	Listerial endocarditis	Diagnosis	ICD-10-CM
A32.89	Other forms of listeriosis	Diagnosis	ICD-10-CM
A32.9	Listeriosis, unspecified	Diagnosis	ICD-10-CM
A33	Tetanus neonatorum	Diagnosis	ICD-10-CM
A34	Obstetrical tetanus	Diagnosis	ICD-10-CM
A35	Other tetanus	Diagnosis	ICD-10-CM
A36.0	Pharyngeal diphtheria	Diagnosis	ICD-10-CM
A36.1	Nasopharyngeal diphtheria	Diagnosis	ICD-10-CM
A36.2	Laryngeal diphtheria	Diagnosis	ICD-10-CM
A36.3	Cutaneous diphtheria	Diagnosis	ICD-10-CM
A36.81	Diphtheritic cardiomyopathy	Diagnosis	ICD-10-CM
A36.82	Diphtheritic radiculomyelitis	Diagnosis	ICD-10-CM
A36.83	Diphtheritic polyneuritis	Diagnosis	ICD-10-CM
A36.84	Diphtheritic tubulo-interstitial nephropathy	Diagnosis	ICD-10-CM
A36.85	Diphtheritic cystitis	Diagnosis	ICD-10-CM
A36.86	Diphtheritic conjunctivitis	Diagnosis	ICD-10-CM
A36.89	Other diphtheritic complications	Diagnosis	ICD-10-CM
A36.9	Diphtheria, unspecified	Diagnosis	ICD-10-CM
A37.00	Whooping cough due to Bordetella pertussis without pneumonia	Diagnosis	ICD-10-CM
A37.01	Whooping cough due to Bordetella pertussis with pneumonia	Diagnosis	ICD-10-CM
A37.10	Whooping cough due to Bordetella parapertussis without pneumonia	Diagnosis	ICD-10-CM
A37.11	Whooping cough due to Bordetella parapertussis with pneumonia	Diagnosis	ICD-10-CM
A37.80	Whooping cough due to other Bordetella species without pneumonia	Diagnosis	ICD-10-CM
A37.81	Whooping cough due to other Bordetella species with pneumonia	Diagnosis	ICD-10-CM

**Appendix E. List of International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, Healthcare Common Procedure Coding System (HCPCS), Current Procedural Terminology, Fourth Edition (CPT-4) and Second Edition (CPT Category II) Procedure Codes Used to Define Outcome Criteria in this Request**

<b>Code</b>	<b>Description</b>	<b>Code Category</b>	<b>Code Type</b>
A37.90	Whooping cough, unspecified species without pneumonia	Diagnosis	ICD-10-CM
A37.91	Whooping cough, unspecified species with pneumonia	Diagnosis	ICD-10-CM
A38.0	Scarlet fever with otitis media	Diagnosis	ICD-10-CM
A38.1	Scarlet fever with myocarditis	Diagnosis	ICD-10-CM
A38.8	Scarlet fever with other complications	Diagnosis	ICD-10-CM
A38.9	Scarlet fever, uncomplicated	Diagnosis	ICD-10-CM
A39.0	Meningococcal meningitis	Diagnosis	ICD-10-CM
A39.1	Waterhouse-Friderichsen syndrome	Diagnosis	ICD-10-CM
A39.2	Acute meningococemia	Diagnosis	ICD-10-CM
A39.3	Chronic meningococemia	Diagnosis	ICD-10-CM
A39.4	Meningococemia, unspecified	Diagnosis	ICD-10-CM
A39.50	Meningococcal carditis, unspecified	Diagnosis	ICD-10-CM
A39.51	Meningococcal endocarditis	Diagnosis	ICD-10-CM
A39.52	Meningococcal myocarditis	Diagnosis	ICD-10-CM
A39.53	Meningococcal pericarditis	Diagnosis	ICD-10-CM
A39.81	Meningococcal encephalitis	Diagnosis	ICD-10-CM
A39.82	Meningococcal retrobulbar neuritis	Diagnosis	ICD-10-CM
A39.83	Meningococcal arthritis	Diagnosis	ICD-10-CM
A39.84	Postmeningococcal arthritis	Diagnosis	ICD-10-CM
A39.89	Other meningococcal infections	Diagnosis	ICD-10-CM
A39.9	Meningococcal infection, unspecified	Diagnosis	ICD-10-CM
A40.0	Sepsis due to streptococcus, group A	Diagnosis	ICD-10-CM
A40.1	Sepsis due to streptococcus, group B	Diagnosis	ICD-10-CM
A40.3	Sepsis due to Streptococcus pneumoniae	Diagnosis	ICD-10-CM
A40.8	Other streptococcal sepsis	Diagnosis	ICD-10-CM
A40.9	Streptococcal sepsis, unspecified	Diagnosis	ICD-10-CM
A41	Other sepsis	Diagnosis	ICD-10-CM
A41.0	Sepsis due to Staphylococcus aureus	Diagnosis	ICD-10-CM
A41.01	Sepsis due to Methicillin susceptible Staphylococcus aureus	Diagnosis	ICD-10-CM
A41.02	Sepsis due to Methicillin resistant Staphylococcus aureus	Diagnosis	ICD-10-CM
A41.1	Sepsis due to other specified staphylococcus	Diagnosis	ICD-10-CM
A41.2	Sepsis due to unspecified staphylococcus	Diagnosis	ICD-10-CM
A41.3	Sepsis due to Hemophilus influenzae	Diagnosis	ICD-10-CM
A41.4	Sepsis due to anaerobes	Diagnosis	ICD-10-CM
A41.5	Sepsis due to other Gram-negative organisms	Diagnosis	ICD-10-CM
A41.50	Gram-negative sepsis, unspecified	Diagnosis	ICD-10-CM
A41.51	Sepsis due to Escherichia coli [E. coli]	Diagnosis	ICD-10-CM
A41.52	Sepsis due to Pseudomonas	Diagnosis	ICD-10-CM
A41.53	Sepsis due to Serratia	Diagnosis	ICD-10-CM
A41.59	Other Gram-negative sepsis	Diagnosis	ICD-10-CM



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<b>Code</b>	<b>Description</b>	<b>Code Category</b>	<b>Code Type</b>
A41.8	Other specified sepsis	Diagnosis	ICD-10-CM
A41.81	Sepsis due to Enterococcus	Diagnosis	ICD-10-CM
A41.89	Other specified sepsis	Diagnosis	ICD-10-CM
A41.9	Sepsis, unspecified organism	Diagnosis	ICD-10-CM
A42.0	Pulmonary actinomycosis	Diagnosis	ICD-10-CM
A42.1	Abdominal actinomycosis	Diagnosis	ICD-10-CM
A42.2	Cervicofacial actinomycosis	Diagnosis	ICD-10-CM
A42.7	Actinomycotic sepsis	Diagnosis	ICD-10-CM
A42.81	Actinomycotic meningitis	Diagnosis	ICD-10-CM
A42.82	Actinomycotic encephalitis	Diagnosis	ICD-10-CM
A42.89	Other forms of actinomycosis	Diagnosis	ICD-10-CM
A42.9	Actinomycosis, unspecified	Diagnosis	ICD-10-CM
A43.0	Pulmonary nocardiosis	Diagnosis	ICD-10-CM
A43.1	Cutaneous nocardiosis	Diagnosis	ICD-10-CM
A43.8	Other forms of nocardiosis	Diagnosis	ICD-10-CM
A43.9	Nocardiosis, unspecified	Diagnosis	ICD-10-CM
A44.0	Systemic bartonellosis	Diagnosis	ICD-10-CM
A44.1	Cutaneous and mucocutaneous bartonellosis	Diagnosis	ICD-10-CM
A44.8	Other forms of bartonellosis	Diagnosis	ICD-10-CM
A44.9	Bartonellosis, unspecified	Diagnosis	ICD-10-CM
A46	Erysipelas	Diagnosis	ICD-10-CM
A48.0	Gas gangrene	Diagnosis	ICD-10-CM
A48.1	Legionnaires' disease	Diagnosis	ICD-10-CM
A48.2	Nonpneumonic Legionnaires' disease [Pontiac fever]	Diagnosis	ICD-10-CM
A48.3	Toxic shock syndrome	Diagnosis	ICD-10-CM
A48.4	Brazilian purpuric fever	Diagnosis	ICD-10-CM
A48.51	Infant botulism	Diagnosis	ICD-10-CM
A48.52	Wound botulism	Diagnosis	ICD-10-CM
A48.8	Other specified bacterial diseases	Diagnosis	ICD-10-CM
A49.01	Methicillin susceptible Staphylococcus aureus infection, unspecified site	Diagnosis	ICD-10-CM
A49.02	Methicillin resistant Staphylococcus aureus infection, unspecified site	Diagnosis	ICD-10-CM
A49.1	Streptococcal infection, unspecified site	Diagnosis	ICD-10-CM
A49.2	Hemophilus influenzae infection, unspecified site	Diagnosis	ICD-10-CM
A49.3	Mycoplasma infection, unspecified site	Diagnosis	ICD-10-CM
A49.8	Other bacterial infections of unspecified site	Diagnosis	ICD-10-CM
A49.9	Bacterial infection, unspecified	Diagnosis	ICD-10-CM
A50.01	Early congenital syphilitic ophthalmopathy	Diagnosis	ICD-10-CM
A50.02	Early congenital syphilitic osteochondropathy	Diagnosis	ICD-10-CM
A50.03	Early congenital syphilitic pharyngitis	Diagnosis	ICD-10-CM
A50.04	Early congenital syphilitic pneumonia	Diagnosis	ICD-10-CM

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<b>Code</b>	<b>Description</b>	<b>Code Category</b>	<b>Code Type</b>
A50.05	Early congenital syphilitic rhinitis	Diagnosis	ICD-10-CM
A50.06	Early cutaneous congenital syphilis	Diagnosis	ICD-10-CM
A50.07	Early mucocutaneous congenital syphilis	Diagnosis	ICD-10-CM
A50.08	Early visceral congenital syphilis	Diagnosis	ICD-10-CM
A50.09	Other early congenital syphilis, symptomatic	Diagnosis	ICD-10-CM
A50.1	Early congenital syphilis, latent	Diagnosis	ICD-10-CM
A50.2	Early congenital syphilis, unspecified	Diagnosis	ICD-10-CM
A50.30	Late congenital syphilitic oculopathy, unspecified	Diagnosis	ICD-10-CM
A50.31	Late congenital syphilitic interstitial keratitis	Diagnosis	ICD-10-CM
A50.32	Late congenital syphilitic chorioretinitis	Diagnosis	ICD-10-CM
A50.39	Other late congenital syphilitic oculopathy	Diagnosis	ICD-10-CM
A50.40	Late congenital neurosyphilis, unspecified	Diagnosis	ICD-10-CM
A50.41	Late congenital syphilitic meningitis	Diagnosis	ICD-10-CM
A50.42	Late congenital syphilitic encephalitis	Diagnosis	ICD-10-CM
A50.43	Late congenital syphilitic polyneuropathy	Diagnosis	ICD-10-CM
A50.44	Late congenital syphilitic optic nerve atrophy	Diagnosis	ICD-10-CM
A50.45	Juvenile general paresis	Diagnosis	ICD-10-CM
A50.49	Other late congenital neurosyphilis	Diagnosis	ICD-10-CM
A50.51	Clutton's joints	Diagnosis	ICD-10-CM
A50.52	Hutchinson's teeth	Diagnosis	ICD-10-CM
A50.53	Hutchinson's triad	Diagnosis	ICD-10-CM
A50.54	Late congenital cardiovascular syphilis	Diagnosis	ICD-10-CM
A50.55	Late congenital syphilitic arthropathy	Diagnosis	ICD-10-CM
A50.56	Late congenital syphilitic osteochondropathy	Diagnosis	ICD-10-CM
A50.57	Syphilitic saddle nose	Diagnosis	ICD-10-CM
A50.59	Other late congenital syphilis, symptomatic	Diagnosis	ICD-10-CM
A50.6	Late congenital syphilis, latent	Diagnosis	ICD-10-CM
A50.7	Late congenital syphilis, unspecified	Diagnosis	ICD-10-CM
A50.9	Congenital syphilis, unspecified	Diagnosis	ICD-10-CM
A51.0	Primary genital syphilis	Diagnosis	ICD-10-CM
A51.1	Primary anal syphilis	Diagnosis	ICD-10-CM
A51.2	Primary syphilis of other sites	Diagnosis	ICD-10-CM
A51.31	Condyloma latum	Diagnosis	ICD-10-CM
A51.32	Syphilitic alopecia	Diagnosis	ICD-10-CM
A51.39	Other secondary syphilis of skin	Diagnosis	ICD-10-CM
A51.41	Secondary syphilitic meningitis	Diagnosis	ICD-10-CM
A51.42	Secondary syphilitic female pelvic disease	Diagnosis	ICD-10-CM
A51.43	Secondary syphilitic oculopathy	Diagnosis	ICD-10-CM
A51.44	Secondary syphilitic nephritis	Diagnosis	ICD-10-CM
A51.45	Secondary syphilitic hepatitis	Diagnosis	ICD-10-CM



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<b>Code</b>	<b>Description</b>	<b>Code Category</b>	<b>Code Type</b>
A51.46	Secondary syphilitic osteopathy	Diagnosis	ICD-10-CM
A51.49	Other secondary syphilitic conditions	Diagnosis	ICD-10-CM
A51.5	Early syphilis, latent	Diagnosis	ICD-10-CM
A51.9	Early syphilis, unspecified	Diagnosis	ICD-10-CM
A52.00	Cardiovascular syphilis, unspecified	Diagnosis	ICD-10-CM
A52.01	Syphilitic aneurysm of aorta	Diagnosis	ICD-10-CM
A52.02	Syphilitic aortitis	Diagnosis	ICD-10-CM
A52.03	Syphilitic endocarditis	Diagnosis	ICD-10-CM
A52.04	Syphilitic cerebral arteritis	Diagnosis	ICD-10-CM
A52.05	Other cerebrovascular syphilis	Diagnosis	ICD-10-CM
A52.06	Other syphilitic heart involvement	Diagnosis	ICD-10-CM
A52.09	Other cardiovascular syphilis	Diagnosis	ICD-10-CM
A52.10	Symptomatic neurosyphilis, unspecified	Diagnosis	ICD-10-CM
A52.11	Tabes dorsalis	Diagnosis	ICD-10-CM
A52.12	Other cerebrospinal syphilis	Diagnosis	ICD-10-CM
A52.13	Late syphilitic meningitis	Diagnosis	ICD-10-CM
A52.14	Late syphilitic encephalitis	Diagnosis	ICD-10-CM
A52.15	Late syphilitic neuropathy	Diagnosis	ICD-10-CM
A52.16	Charcot's arthropathy (tabetic)	Diagnosis	ICD-10-CM
A52.17	General paresis	Diagnosis	ICD-10-CM
A52.19	Other symptomatic neurosyphilis	Diagnosis	ICD-10-CM
A52.2	Asymptomatic neurosyphilis	Diagnosis	ICD-10-CM
A52.3	Neurosyphilis, unspecified	Diagnosis	ICD-10-CM
A52.71	Late syphilitic oculoopathy	Diagnosis	ICD-10-CM
A52.72	Syphilis of lung and bronchus	Diagnosis	ICD-10-CM
A52.73	Symptomatic late syphilis of other respiratory organs	Diagnosis	ICD-10-CM
A52.74	Syphilis of liver and other viscera	Diagnosis	ICD-10-CM
A52.75	Syphilis of kidney and ureter	Diagnosis	ICD-10-CM
A52.76	Other genitourinary symptomatic late syphilis	Diagnosis	ICD-10-CM
A52.77	Syphilis of bone and joint	Diagnosis	ICD-10-CM
A52.78	Syphilis of other musculoskeletal tissue	Diagnosis	ICD-10-CM
A52.79	Other symptomatic late syphilis	Diagnosis	ICD-10-CM
A52.8	Late syphilis, latent	Diagnosis	ICD-10-CM
A52.9	Late syphilis, unspecified	Diagnosis	ICD-10-CM
A53.0	Latent syphilis, unspecified as early or late	Diagnosis	ICD-10-CM
A53.9	Syphilis, unspecified	Diagnosis	ICD-10-CM
A54.00	Gonococcal infection of lower genitourinary tract, unspecified	Diagnosis	ICD-10-CM
A54.01	Gonococcal cystitis and urethritis, unspecified	Diagnosis	ICD-10-CM
A54.02	Gonococcal vulvovaginitis, unspecified	Diagnosis	ICD-10-CM
A54.03	Gonococcal cervicitis, unspecified	Diagnosis	ICD-10-CM

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<b>Code</b>	<b>Description</b>	<b>Code Category</b>	<b>Code Type</b>
A54.09	Other gonococcal infection of lower genitourinary tract	Diagnosis	ICD-10-CM
A54.1	Gonococcal infection of lower genitourinary tract with periurethral and accessory gl	Diagnosis	ICD-10-CM
A54.21	Gonococcal infection of kidney and ureter	Diagnosis	ICD-10-CM
A54.22	Gonococcal prostatitis	Diagnosis	ICD-10-CM
A54.23	Gonococcal infection of other male genital organs	Diagnosis	ICD-10-CM
A54.24	Gonococcal female pelvic inflammatory disease	Diagnosis	ICD-10-CM
A54.29	Other gonococcal genitourinary infections	Diagnosis	ICD-10-CM
A54.30	Gonococcal infection of eye, unspecified	Diagnosis	ICD-10-CM
A54.31	Gonococcal conjunctivitis	Diagnosis	ICD-10-CM
A54.32	Gonococcal iridocyclitis	Diagnosis	ICD-10-CM
A54.33	Gonococcal keratitis	Diagnosis	ICD-10-CM
A54.39	Other gonococcal eye infection	Diagnosis	ICD-10-CM
A54.40	Gonococcal infection of musculoskeletal system, unspecified	Diagnosis	ICD-10-CM
A54.41	Gonococcal spondylopathy	Diagnosis	ICD-10-CM
A54.42	Gonococcal arthritis	Diagnosis	ICD-10-CM
A54.43	Gonococcal osteomyelitis	Diagnosis	ICD-10-CM
A54.49	Gonococcal infection of other musculoskeletal tissue	Diagnosis	ICD-10-CM
A54.5	Gonococcal pharyngitis	Diagnosis	ICD-10-CM
A54.6	Gonococcal infection of anus and rectum	Diagnosis	ICD-10-CM
A54.81	Gonococcal meningitis	Diagnosis	ICD-10-CM
A54.82	Gonococcal brain abscess	Diagnosis	ICD-10-CM
A54.83	Gonococcal heart infection	Diagnosis	ICD-10-CM
A54.84	Gonococcal pneumonia	Diagnosis	ICD-10-CM
A54.85	Gonococcal peritonitis	Diagnosis	ICD-10-CM
A54.86	Gonococcal sepsis	Diagnosis	ICD-10-CM
A54.89	Other gonococcal infections	Diagnosis	ICD-10-CM
A54.9	Gonococcal infection, unspecified	Diagnosis	ICD-10-CM
A55	Chlamydial lymphogranuloma (venereum)	Diagnosis	ICD-10-CM
A56.00	Chlamydial infection of lower genitourinary tract, unspecified	Diagnosis	ICD-10-CM
A56.01	Chlamydial cystitis and urethritis	Diagnosis	ICD-10-CM
A56.02	Chlamydial vulvovaginitis	Diagnosis	ICD-10-CM
A56.09	Other chlamydial infection of lower genitourinary tract	Diagnosis	ICD-10-CM
A56.11	Chlamydial female pelvic inflammatory disease	Diagnosis	ICD-10-CM
A56.19	Other chlamydial genitourinary infection	Diagnosis	ICD-10-CM
A56.2	Chlamydial infection of genitourinary tract, unspecified	Diagnosis	ICD-10-CM
A56.3	Chlamydial infection of anus and rectum	Diagnosis	ICD-10-CM
A56.4	Chlamydial infection of pharynx	Diagnosis	ICD-10-CM
A56.8	Sexually transmitted chlamydial infection of other sites	Diagnosis	ICD-10-CM
A57	Chancroid	Diagnosis	ICD-10-CM
A58	Granuloma inguinale	Diagnosis	ICD-10-CM

**Appendix E. List of International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, Healthcare Common Procedure Coding System (HCPCS), Current Procedural Terminology, Fourth Edition (CPT-4) and Second Edition (CPT Category II) Procedure Codes Used to Define Outcome Criteria in this Request**

<b>Code</b>	<b>Description</b>	<b>Code Category</b>	<b>Code Type</b>
A59.00	Urogenital trichomoniasis, unspecified	Diagnosis	ICD-10-CM
A59.01	Trichomonal vulvovaginitis	Diagnosis	ICD-10-CM
A59.02	Trichomonal prostatitis	Diagnosis	ICD-10-CM
A59.03	Trichomonal cystitis and urethritis	Diagnosis	ICD-10-CM
A59.09	Other urogenital trichomoniasis	Diagnosis	ICD-10-CM
A59.8	Trichomoniasis of other sites	Diagnosis	ICD-10-CM
A59.9	Trichomoniasis, unspecified	Diagnosis	ICD-10-CM
A60.00	Herpesviral infection of urogenital system, unspecified	Diagnosis	ICD-10-CM
A60.01	Herpesviral infection of penis	Diagnosis	ICD-10-CM
A60.02	Herpesviral infection of other male genital organs	Diagnosis	ICD-10-CM
A60.03	Herpesviral cervicitis	Diagnosis	ICD-10-CM
A60.04	Herpesviral vulvovaginitis	Diagnosis	ICD-10-CM
A60.09	Herpesviral infection of other urogenital tract	Diagnosis	ICD-10-CM
A60.1	Herpesviral infection of perianal skin and rectum	Diagnosis	ICD-10-CM
A60.9	Anogenital herpesviral infection, unspecified	Diagnosis	ICD-10-CM
A63.0	Anogenital (venereal) warts	Diagnosis	ICD-10-CM
A63.8	Other specified predominantly sexually transmitted diseases	Diagnosis	ICD-10-CM
A64	Unspecified sexually transmitted disease	Diagnosis	ICD-10-CM
A65	Nonvenereal syphilis	Diagnosis	ICD-10-CM
A66.0	Initial lesions of yaws	Diagnosis	ICD-10-CM
A66.1	Multiple papillomata and wet crab yaws	Diagnosis	ICD-10-CM
A66.2	Other early skin lesions of yaws	Diagnosis	ICD-10-CM
A66.3	Hyperkeratosis of yaws	Diagnosis	ICD-10-CM
A66.4	Gummata and ulcers of yaws	Diagnosis	ICD-10-CM
A66.5	Gangosa	Diagnosis	ICD-10-CM
A66.6	Bone and joint lesions of yaws	Diagnosis	ICD-10-CM
A66.7	Other manifestations of yaws	Diagnosis	ICD-10-CM
A66.8	Latent yaws	Diagnosis	ICD-10-CM
A66.9	Yaws, unspecified	Diagnosis	ICD-10-CM
A67.0	Primary lesions of pinta	Diagnosis	ICD-10-CM
A67.1	Intermediate lesions of pinta	Diagnosis	ICD-10-CM
A67.2	Late lesions of pinta	Diagnosis	ICD-10-CM
A67.3	Mixed lesions of pinta	Diagnosis	ICD-10-CM
A67.9	Pinta, unspecified	Diagnosis	ICD-10-CM
A68.0	Louse-borne relapsing fever	Diagnosis	ICD-10-CM
A68.1	Tick-borne relapsing fever	Diagnosis	ICD-10-CM
A68.9	Relapsing fever, unspecified	Diagnosis	ICD-10-CM
A69.0	Necrotizing ulcerative stomatitis	Diagnosis	ICD-10-CM
A69.1	Other Vincent's infections	Diagnosis	ICD-10-CM
A69.20	Lyme disease, unspecified	Diagnosis	ICD-10-CM

**Appendix E. List of International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, Healthcare Common Procedure Coding System (HCPCS), Current Procedural Terminology, Fourth Edition (CPT-4) and Second Edition (CPT Category II) Procedure Codes Used to Define Outcome Criteria in this Request**

<b>Code</b>	<b>Description</b>	<b>Code Category</b>	<b>Code Type</b>
A69.21	Meningitis due to Lyme disease	Diagnosis	ICD-10-CM
A69.22	Other neurologic disorders in Lyme disease	Diagnosis	ICD-10-CM
A69.23	Arthritis due to Lyme disease	Diagnosis	ICD-10-CM
A69.29	Other conditions associated with Lyme disease	Diagnosis	ICD-10-CM
A69.8	Other specified spirochetal infections	Diagnosis	ICD-10-CM
A69.9	Spirochetal infection, unspecified	Diagnosis	ICD-10-CM
A70	Chlamydia psittaci infections	Diagnosis	ICD-10-CM
A71.0	Initial stage of trachoma	Diagnosis	ICD-10-CM
A71.1	Active stage of trachoma	Diagnosis	ICD-10-CM
A71.9	Trachoma, unspecified	Diagnosis	ICD-10-CM
A74.0	Chlamydial conjunctivitis	Diagnosis	ICD-10-CM
A74.81	Chlamydial peritonitis	Diagnosis	ICD-10-CM
A74.89	Other chlamydial diseases	Diagnosis	ICD-10-CM
A74.9	Chlamydial infection, unspecified	Diagnosis	ICD-10-CM
A75.0	Epidemic louse-borne typhus fever due to Rickettsia prowazekii	Diagnosis	ICD-10-CM
A75.1	Recrudescence typhus [Brill's disease]	Diagnosis	ICD-10-CM
A75.2	Typhus fever due to Rickettsia typhi	Diagnosis	ICD-10-CM
A75.3	Typhus fever due to Rickettsia tsutsugamushi	Diagnosis	ICD-10-CM
A75.9	Typhus fever, unspecified	Diagnosis	ICD-10-CM
A77.0	Spotted fever due to Rickettsia rickettsii	Diagnosis	ICD-10-CM
A77.1	Spotted fever due to Rickettsia conorii	Diagnosis	ICD-10-CM
A77.2	Spotted fever due to Rickettsia siberica	Diagnosis	ICD-10-CM
A77.3	Spotted fever due to Rickettsia australis	Diagnosis	ICD-10-CM
A77.40	Ehrlichiosis, unspecified	Diagnosis	ICD-10-CM
A77.41	Ehrlichiosis chafeensis [E. chafeensis]	Diagnosis	ICD-10-CM
A77.49	Other ehrlichiosis	Diagnosis	ICD-10-CM
A77.8	Other spotted fevers	Diagnosis	ICD-10-CM
A77.9	Spotted fever, unspecified	Diagnosis	ICD-10-CM
A78	Q fever	Diagnosis	ICD-10-CM
A79.0	Trench fever	Diagnosis	ICD-10-CM
A79.1	Rickettsialpox due to Rickettsia akari	Diagnosis	ICD-10-CM
A79.81	Rickettsiosis due to Ehrlichia sennetsu	Diagnosis	ICD-10-CM
A79.89	Other specified rickettsioses	Diagnosis	ICD-10-CM
A79.9	Rickettsiosis, unspecified	Diagnosis	ICD-10-CM
A80.0	Acute paralytic poliomyelitis, vaccine-associated	Diagnosis	ICD-10-CM
A80.1	Acute paralytic poliomyelitis, wild virus, imported	Diagnosis	ICD-10-CM
A80.2	Acute paralytic poliomyelitis, wild virus, indigenous	Diagnosis	ICD-10-CM
A80.30	Acute paralytic poliomyelitis, unspecified	Diagnosis	ICD-10-CM
A80.39	Other acute paralytic poliomyelitis	Diagnosis	ICD-10-CM
A80.4	Acute nonparalytic poliomyelitis	Diagnosis	ICD-10-CM

**Appendix E. List of International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, Healthcare Common Procedure Coding System (HCPCS), Current Procedural Terminology, Fourth Edition (CPT-4) and Second Edition (CPT Category II) Procedure Codes Used to Define Outcome Criteria in this Request**

<b>Code</b>	<b>Description</b>	<b>Code Category</b>	<b>Code Type</b>
A80.9	Acute poliomyelitis, unspecified	Diagnosis	ICD-10-CM
A81.00	Creutzfeldt-Jakob disease, unspecified	Diagnosis	ICD-10-CM
A81.01	Variant Creutzfeldt-Jakob disease	Diagnosis	ICD-10-CM
A81.09	Other Creutzfeldt-Jakob disease	Diagnosis	ICD-10-CM
A81.1	Subacute sclerosing panencephalitis	Diagnosis	ICD-10-CM
A81.2	Progressive multifocal leukoencephalopathy	Diagnosis	ICD-10-CM
A81.81	Kuru	Diagnosis	ICD-10-CM
A81.82	Gerstmann-Straussler-Scheinker syndrome	Diagnosis	ICD-10-CM
A81.83	Fatal familial insomnia	Diagnosis	ICD-10-CM
A81.89	Other atypical virus infections of central nervous system	Diagnosis	ICD-10-CM
A81.9	Atypical virus infection of central nervous system, unspecified	Diagnosis	ICD-10-CM
A82.0	Sylvatic rabies	Diagnosis	ICD-10-CM
A82.1	Urban rabies	Diagnosis	ICD-10-CM
A82.9	Rabies, unspecified	Diagnosis	ICD-10-CM
A83.0	Japanese encephalitis	Diagnosis	ICD-10-CM
A83.1	Western equine encephalitis	Diagnosis	ICD-10-CM
A83.2	Eastern equine encephalitis	Diagnosis	ICD-10-CM
A83.3	St Louis encephalitis	Diagnosis	ICD-10-CM
A83.4	Australian encephalitis	Diagnosis	ICD-10-CM
A83.5	California encephalitis	Diagnosis	ICD-10-CM
A83.6	Rocio virus disease	Diagnosis	ICD-10-CM
A83.8	Other mosquito-borne viral encephalitis	Diagnosis	ICD-10-CM
A83.9	Mosquito-borne viral encephalitis, unspecified	Diagnosis	ICD-10-CM
A84.0	Far Eastern tick-borne encephalitis [Russian spring-summer encephalitis]	Diagnosis	ICD-10-CM
A84.1	Central European tick-borne encephalitis	Diagnosis	ICD-10-CM
A84.8	Other tick-borne viral encephalitis	Diagnosis	ICD-10-CM
A84.9	Tick-borne viral encephalitis, unspecified	Diagnosis	ICD-10-CM
A85.0	Enteroviral encephalitis	Diagnosis	ICD-10-CM
A85.1	Adenoviral encephalitis	Diagnosis	ICD-10-CM
A85.2	Arthropod-borne viral encephalitis, unspecified	Diagnosis	ICD-10-CM
A85.8	Other specified viral encephalitis	Diagnosis	ICD-10-CM
A86	Unspecified viral encephalitis	Diagnosis	ICD-10-CM
A87.0	Enteroviral meningitis	Diagnosis	ICD-10-CM
A87.1	Adenoviral meningitis	Diagnosis	ICD-10-CM
A87.2	Lymphocytic choriomeningitis	Diagnosis	ICD-10-CM
A87.8	Other viral meningitis	Diagnosis	ICD-10-CM
A87.9	Viral meningitis, unspecified	Diagnosis	ICD-10-CM
A88.0	Enteroviral exanthematous fever [Boston exanthem]	Diagnosis	ICD-10-CM
A88.1	Epidemic vertigo	Diagnosis	ICD-10-CM
A88.8	Other specified viral infections of central nervous system	Diagnosis	ICD-10-CM

**Appendix E. List of International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, Healthcare Common Procedure Coding System (HCPCS), Current Procedural Terminology, Fourth Edition (CPT-4) and Second Edition (CPT Category II) Procedure Codes Used to Define Outcome Criteria in this Request**

<b>Code</b>	<b>Description</b>	<b>Code Category</b>	<b>Code Type</b>
A89	Unspecified viral infection of central nervous system	Diagnosis	ICD-10-CM
A90	Dengue fever [classical dengue]	Diagnosis	ICD-10-CM
A91	Dengue hemorrhagic fever	Diagnosis	ICD-10-CM
A92.0	Chikungunya virus disease	Diagnosis	ICD-10-CM
A92.1	O'nyong-nyong fever	Diagnosis	ICD-10-CM
A92.2	Venezuelan equine fever	Diagnosis	ICD-10-CM
A92.30	West Nile virus infection, unspecified	Diagnosis	ICD-10-CM
A92.31	West Nile virus infection with encephalitis	Diagnosis	ICD-10-CM
A92.32	West Nile virus infection with other neurologic manifestation	Diagnosis	ICD-10-CM
A92.39	West Nile virus infection with other complications	Diagnosis	ICD-10-CM
A92.4	Rift Valley fever	Diagnosis	ICD-10-CM
A92.5	Zika virus disease	Diagnosis	ICD-10-CM
A92.8	Other specified mosquito-borne viral fevers	Diagnosis	ICD-10-CM
A92.9	Mosquito-borne viral fever, unspecified	Diagnosis	ICD-10-CM
A93.0	Oropouche virus disease	Diagnosis	ICD-10-CM
A93.1	Sandfly fever	Diagnosis	ICD-10-CM
A93.2	Colorado tick fever	Diagnosis	ICD-10-CM
A93.8	Other specified arthropod-borne viral fevers	Diagnosis	ICD-10-CM
A94	Unspecified arthropod-borne viral fever	Diagnosis	ICD-10-CM
A95.0	Sylvatic yellow fever	Diagnosis	ICD-10-CM
A95.1	Urban yellow fever	Diagnosis	ICD-10-CM
A95.9	Yellow fever, unspecified	Diagnosis	ICD-10-CM
A96.0	Junin hemorrhagic fever	Diagnosis	ICD-10-CM
A96.1	Machupo hemorrhagic fever	Diagnosis	ICD-10-CM
A96.2	Lassa fever	Diagnosis	ICD-10-CM
A96.8	Other arenaviral hemorrhagic fevers	Diagnosis	ICD-10-CM
A96.9	Arenaviral hemorrhagic fever, unspecified	Diagnosis	ICD-10-CM
A98.0	Crimean-Congo hemorrhagic fever	Diagnosis	ICD-10-CM
A98.1	Omsk hemorrhagic fever	Diagnosis	ICD-10-CM
A98.2	Kyasanur Forest disease	Diagnosis	ICD-10-CM
A98.3	Marburg virus disease	Diagnosis	ICD-10-CM
A98.4	Ebola virus disease	Diagnosis	ICD-10-CM
A98.5	Hemorrhagic fever with renal syndrome	Diagnosis	ICD-10-CM
A98.8	Other specified viral hemorrhagic fevers	Diagnosis	ICD-10-CM
A99	Unspecified viral hemorrhagic fever	Diagnosis	ICD-10-CM
B00.0	Eczema herpeticum	Diagnosis	ICD-10-CM
B00.1	Herpesviral vesicular dermatitis	Diagnosis	ICD-10-CM
B00.2	Herpesviral gingivostomatitis and pharyngotonsillitis	Diagnosis	ICD-10-CM
B00.3	Herpesviral meningitis	Diagnosis	ICD-10-CM
B00.4	Herpesviral encephalitis	Diagnosis	ICD-10-CM



**Appendix E. List of International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, Healthcare Common Procedure Coding System (HCPCS), Current Procedural Terminology, Fourth Edition (CPT-4) and Second Edition (CPT Category II) Procedure Codes Used to Define Outcome Criteria in this Request**

<b>Code</b>	<b>Description</b>	<b>Code Category</b>	<b>Code Type</b>
B00.50	Herpesviral ocular disease, unspecified	Diagnosis	ICD-10-CM
B00.51	Herpesviral iridocyclitis	Diagnosis	ICD-10-CM
B00.52	Herpesviral keratitis	Diagnosis	ICD-10-CM
B00.53	Herpesviral conjunctivitis	Diagnosis	ICD-10-CM
B00.59	Other herpesviral disease of eye	Diagnosis	ICD-10-CM
B00.7	Disseminated herpesviral disease	Diagnosis	ICD-10-CM
B00.81	Herpesviral hepatitis	Diagnosis	ICD-10-CM
B00.82	Herpes simplex myelitis	Diagnosis	ICD-10-CM
B00.89	Other herpesviral infection	Diagnosis	ICD-10-CM
B00.9	Herpesviral infection, unspecified	Diagnosis	ICD-10-CM
B01.0	Varicella meningitis	Diagnosis	ICD-10-CM
B01.11	Varicella encephalitis and encephalomyelitis	Diagnosis	ICD-10-CM
B01.12	Varicella myelitis	Diagnosis	ICD-10-CM
B01.2	Varicella pneumonia	Diagnosis	ICD-10-CM
B01.81	Varicella keratitis	Diagnosis	ICD-10-CM
B01.89	Other varicella complications	Diagnosis	ICD-10-CM
B01.9	Varicella without complication	Diagnosis	ICD-10-CM
B02.0	Zoster encephalitis	Diagnosis	ICD-10-CM
B02.1	Zoster meningitis	Diagnosis	ICD-10-CM
B02.21	Postherpetic geniculate ganglionitis	Diagnosis	ICD-10-CM
B02.22	Postherpetic trigeminal neuralgia	Diagnosis	ICD-10-CM
B02.23	Postherpetic polyneuropathy	Diagnosis	ICD-10-CM
B02.24	Postherpetic myelitis	Diagnosis	ICD-10-CM
B02.29	Other postherpetic nervous system involvement	Diagnosis	ICD-10-CM
B02.30	Zoster ocular disease, unspecified	Diagnosis	ICD-10-CM
B02.31	Zoster conjunctivitis	Diagnosis	ICD-10-CM
B02.32	Zoster iridocyclitis	Diagnosis	ICD-10-CM
B02.33	Zoster keratitis	Diagnosis	ICD-10-CM
B02.34	Zoster scleritis	Diagnosis	ICD-10-CM
B02.39	Other herpes zoster eye disease	Diagnosis	ICD-10-CM
B02.7	Disseminated zoster	Diagnosis	ICD-10-CM
B02.8	Zoster with other complications	Diagnosis	ICD-10-CM
B02.9	Zoster without complications	Diagnosis	ICD-10-CM
B03	Smallpox	Diagnosis	ICD-10-CM
B04	Monkeypox	Diagnosis	ICD-10-CM
B05.0	Measles complicated by encephalitis	Diagnosis	ICD-10-CM
B05.1	Measles complicated by meningitis	Diagnosis	ICD-10-CM
B05.2	Measles complicated by pneumonia	Diagnosis	ICD-10-CM
B05.3	Measles complicated by otitis media	Diagnosis	ICD-10-CM
B05.4	Measles with intestinal complications	Diagnosis	ICD-10-CM

**Appendix E. List of International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, Healthcare Common Procedure Coding System (HCPCS), Current Procedural Terminology, Fourth Edition (CPT-4) and Second Edition (CPT Category II) Procedure Codes Used to Define Outcome Criteria in this Request**

<b>Code</b>	<b>Description</b>	<b>Code Category</b>	<b>Code Type</b>
B05.81	Measles keratitis and keratoconjunctivitis	Diagnosis	ICD-10-CM
B05.89	Other measles complications	Diagnosis	ICD-10-CM
B05.9	Measles without complication	Diagnosis	ICD-10-CM
B06.00	Rubella with neurological complication, unspecified	Diagnosis	ICD-10-CM
B06.01	Rubella encephalitis	Diagnosis	ICD-10-CM
B06.02	Rubella meningitis	Diagnosis	ICD-10-CM
B06.09	Other neurological complications of rubella	Diagnosis	ICD-10-CM
B06.81	Rubella pneumonia	Diagnosis	ICD-10-CM
B06.82	Rubella arthritis	Diagnosis	ICD-10-CM
B06.89	Other rubella complications	Diagnosis	ICD-10-CM
B06.9	Rubella without complication	Diagnosis	ICD-10-CM
B07.0	Plantar wart	Diagnosis	ICD-10-CM
B07.8	Other viral warts	Diagnosis	ICD-10-CM
B07.9	Viral wart, unspecified	Diagnosis	ICD-10-CM
B08.010	Cowpox	Diagnosis	ICD-10-CM
B08.011	Vaccinia not from vaccine	Diagnosis	ICD-10-CM
B08.02	Orf virus disease	Diagnosis	ICD-10-CM
B08.03	Pseudocowpox [milker's node]	Diagnosis	ICD-10-CM
B08.04	Paravaccinia, unspecified	Diagnosis	ICD-10-CM
B08.09	Other orthopoxvirus infections	Diagnosis	ICD-10-CM
B08.1	Molluscum contagiosum	Diagnosis	ICD-10-CM
B08.20	Exanthema subitum [sixth disease], unspecified	Diagnosis	ICD-10-CM
B08.21	Exanthema subitum [sixth disease] due to human herpesvirus 6	Diagnosis	ICD-10-CM
B08.22	Exanthema subitum [sixth disease] due to human herpesvirus 7	Diagnosis	ICD-10-CM
B08.3	Erythema infectiosum [fifth disease]	Diagnosis	ICD-10-CM
B08.4	Enteroviral vesicular stomatitis with exanthem	Diagnosis	ICD-10-CM
B08.5	Enteroviral vesicular pharyngitis	Diagnosis	ICD-10-CM
B08.60	Parapoxvirus infection, unspecified	Diagnosis	ICD-10-CM
B08.61	Bovine stomatitis	Diagnosis	ICD-10-CM
B08.62	Sealpox	Diagnosis	ICD-10-CM
B08.69	Other parapoxvirus infections	Diagnosis	ICD-10-CM
B08.70	Yatapoxvirus infection, unspecified	Diagnosis	ICD-10-CM
B08.71	Tanapox virus disease	Diagnosis	ICD-10-CM
B08.72	Yaba pox virus disease	Diagnosis	ICD-10-CM
B08.79	Other yatapoxvirus infections	Diagnosis	ICD-10-CM
B08.8	Other specified viral infections characterized by skin and mucous membrane lesions	Diagnosis	ICD-10-CM
B09	Unspecified viral infection characterized by skin and mucous membrane lesions	Diagnosis	ICD-10-CM
B10.01	Human herpesvirus 6 encephalitis	Diagnosis	ICD-10-CM
B10.09	Other human herpesvirus encephalitis	Diagnosis	ICD-10-CM
B10.81	Human herpesvirus 6 infection	Diagnosis	ICD-10-CM



**Appendix E. List of International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, Healthcare Common Procedure Coding System (HCPCS), Current Procedural Terminology, Fourth Edition (CPT-4) and Second Edition (CPT Category II) Procedure Codes Used to Define Outcome Criteria in this Request**

<b>Code</b>	<b>Description</b>	<b>Code Category</b>	<b>Code Type</b>
B10.82	Human herpesvirus 7 infection	Diagnosis	ICD-10-CM
B10.89	Other human herpesvirus infection	Diagnosis	ICD-10-CM
B15.0	Hepatitis A with hepatic coma	Diagnosis	ICD-10-CM
B15.9	Hepatitis A without hepatic coma	Diagnosis	ICD-10-CM
B16.0	Acute hepatitis B with delta-agent with hepatic coma	Diagnosis	ICD-10-CM
B16.1	Acute hepatitis B with delta-agent without hepatic coma	Diagnosis	ICD-10-CM
B16.2	Acute hepatitis B without delta-agent with hepatic coma	Diagnosis	ICD-10-CM
B16.9	Acute hepatitis B without delta-agent and without hepatic coma	Diagnosis	ICD-10-CM
B17.0	Acute delta-(super) infection of hepatitis B carrier	Diagnosis	ICD-10-CM
B17.10	Acute hepatitis C without hepatic coma	Diagnosis	ICD-10-CM
B17.11	Acute hepatitis C with hepatic coma	Diagnosis	ICD-10-CM
B17.2	Acute hepatitis E	Diagnosis	ICD-10-CM
B17.8	Other specified acute viral hepatitis	Diagnosis	ICD-10-CM
B17.9	Acute viral hepatitis, unspecified	Diagnosis	ICD-10-CM
B18.0	Chronic viral hepatitis B with delta-agent	Diagnosis	ICD-10-CM
B18.1	Chronic viral hepatitis B without delta-agent	Diagnosis	ICD-10-CM
B18.2	Chronic viral hepatitis C	Diagnosis	ICD-10-CM
B18.8	Other chronic viral hepatitis	Diagnosis	ICD-10-CM
B18.9	Chronic viral hepatitis, unspecified	Diagnosis	ICD-10-CM
B19.0	Unspecified viral hepatitis with hepatic coma	Diagnosis	ICD-10-CM
B19.10	Unspecified viral hepatitis B without hepatic coma	Diagnosis	ICD-10-CM
B19.11	Unspecified viral hepatitis B with hepatic coma	Diagnosis	ICD-10-CM
B19.20	Unspecified viral hepatitis C without hepatic coma	Diagnosis	ICD-10-CM
B19.21	Unspecified viral hepatitis C with hepatic coma	Diagnosis	ICD-10-CM
B19.9	Unspecified viral hepatitis without hepatic coma	Diagnosis	ICD-10-CM
B20	Human immunodeficiency virus [HIV] disease	Diagnosis	ICD-10-CM
B25.0	Cytomegaloviral pneumonitis	Diagnosis	ICD-10-CM
B25.1	Cytomegaloviral hepatitis	Diagnosis	ICD-10-CM
B25.2	Cytomegaloviral pancreatitis	Diagnosis	ICD-10-CM
B25.8	Other cytomegaloviral diseases	Diagnosis	ICD-10-CM
B25.9	Cytomegaloviral disease, unspecified	Diagnosis	ICD-10-CM
B26.0	Mumps orchitis	Diagnosis	ICD-10-CM
B26.1	Mumps meningitis	Diagnosis	ICD-10-CM
B26.2	Mumps encephalitis	Diagnosis	ICD-10-CM
B26.3	Mumps pancreatitis	Diagnosis	ICD-10-CM
B26.81	Mumps hepatitis	Diagnosis	ICD-10-CM
B26.82	Mumps myocarditis	Diagnosis	ICD-10-CM
B26.83	Mumps nephritis	Diagnosis	ICD-10-CM
B26.84	Mumps polyneuropathy	Diagnosis	ICD-10-CM
B26.85	Mumps arthritis	Diagnosis	ICD-10-CM

**Appendix E. List of International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, Healthcare Common Procedure Coding System (HCPCS), Current Procedural Terminology, Fourth Edition (CPT-4) and Second Edition (CPT Category II) Procedure Codes Used to Define Outcome Criteria in this Request**

<b>Code</b>	<b>Description</b>	<b>Code Category</b>	<b>Code Type</b>
B26.89	Other mumps complications	Diagnosis	ICD-10-CM
B26.9	Mumps without complication	Diagnosis	ICD-10-CM
B27.00	Gammaherpesviral mononucleosis without complication	Diagnosis	ICD-10-CM
B27.01	Gammaherpesviral mononucleosis with polyneuropathy	Diagnosis	ICD-10-CM
B27.02	Gammaherpesviral mononucleosis with meningitis	Diagnosis	ICD-10-CM
B27.09	Gammaherpesviral mononucleosis with other complications	Diagnosis	ICD-10-CM
B27.10	Cytomegaloviral mononucleosis without complications	Diagnosis	ICD-10-CM
B27.11	Cytomegaloviral mononucleosis with polyneuropathy	Diagnosis	ICD-10-CM
B27.12	Cytomegaloviral mononucleosis with meningitis	Diagnosis	ICD-10-CM
B27.19	Cytomegaloviral mononucleosis with other complication	Diagnosis	ICD-10-CM
B27.80	Other infectious mononucleosis without complication	Diagnosis	ICD-10-CM
B27.81	Other infectious mononucleosis with polyneuropathy	Diagnosis	ICD-10-CM
B27.82	Other infectious mononucleosis with meningitis	Diagnosis	ICD-10-CM
B27.89	Other infectious mononucleosis with other complication	Diagnosis	ICD-10-CM
B27.90	Infectious mononucleosis, unspecified without complication	Diagnosis	ICD-10-CM
B27.91	Infectious mononucleosis, unspecified with polyneuropathy	Diagnosis	ICD-10-CM
B27.92	Infectious mononucleosis, unspecified with meningitis	Diagnosis	ICD-10-CM
B27.99	Infectious mononucleosis, unspecified with other complication	Diagnosis	ICD-10-CM
B30.0	Keratoconjunctivitis due to adenovirus	Diagnosis	ICD-10-CM
B30.1	Conjunctivitis due to adenovirus	Diagnosis	ICD-10-CM
B30.2	Viral pharyngoconjunctivitis	Diagnosis	ICD-10-CM
B30.3	Acute epidemic hemorrhagic conjunctivitis (enteroviral)	Diagnosis	ICD-10-CM
B30.8	Other viral conjunctivitis	Diagnosis	ICD-10-CM
B30.9	Viral conjunctivitis, unspecified	Diagnosis	ICD-10-CM
B33.0	Epidemic myalgia	Diagnosis	ICD-10-CM
B33.1	Ross River disease	Diagnosis	ICD-10-CM
B33.20	Viral carditis, unspecified	Diagnosis	ICD-10-CM
B33.21	Viral endocarditis	Diagnosis	ICD-10-CM
B33.22	Viral myocarditis	Diagnosis	ICD-10-CM
B33.23	Viral pericarditis	Diagnosis	ICD-10-CM
B33.24	Viral cardiomyopathy	Diagnosis	ICD-10-CM
B33.3	Retrovirus infections, not elsewhere classified	Diagnosis	ICD-10-CM
B33.4	Hantavirus (cardio)-pulmonary syndrome [HPS] [HCPS]	Diagnosis	ICD-10-CM
B33.8	Other specified viral diseases	Diagnosis	ICD-10-CM
B34.0	Adenovirus infection, unspecified	Diagnosis	ICD-10-CM
B34.1	Enterovirus infection, unspecified	Diagnosis	ICD-10-CM
B34.2	Coronavirus infection, unspecified	Diagnosis	ICD-10-CM
B34.3	Parvovirus infection, unspecified	Diagnosis	ICD-10-CM
B34.4	Papovavirus infection, unspecified	Diagnosis	ICD-10-CM
B34.8	Other viral infections of unspecified site	Diagnosis	ICD-10-CM

**Appendix E. List of International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, Healthcare Common Procedure Coding System (HCPCS), Current Procedural Terminology, Fourth Edition (CPT-4) and Second Edition (CPT Category II) Procedure Codes Used to Define Outcome Criteria in this Request**

<b>Code</b>	<b>Description</b>	<b>Code Category</b>	<b>Code Type</b>
B34.9	Viral infection, unspecified	Diagnosis	ICD-10-CM
B35.0	Tinea barbae and tinea capitis	Diagnosis	ICD-10-CM
B35.1	Tinea unguium	Diagnosis	ICD-10-CM
B35.2	Tinea manuum	Diagnosis	ICD-10-CM
B35.3	Tinea pedis	Diagnosis	ICD-10-CM
B35.4	Tinea corporis	Diagnosis	ICD-10-CM
B35.5	Tinea imbricata	Diagnosis	ICD-10-CM
B35.6	Tinea cruris	Diagnosis	ICD-10-CM
B35.8	Other dermatophytoses	Diagnosis	ICD-10-CM
B35.9	Dermatophytosis, unspecified	Diagnosis	ICD-10-CM
B36.0	Pityriasis versicolor	Diagnosis	ICD-10-CM
B36.1	Tinea nigra	Diagnosis	ICD-10-CM
B36.2	White piedra	Diagnosis	ICD-10-CM
B36.3	Black piedra	Diagnosis	ICD-10-CM
B36.8	Other specified superficial mycoses	Diagnosis	ICD-10-CM
B36.9	Superficial mycosis, unspecified	Diagnosis	ICD-10-CM
B37.0	Candidal stomatitis	Diagnosis	ICD-10-CM
B37.1	Pulmonary candidiasis	Diagnosis	ICD-10-CM
B37.2	Candidiasis of skin and nail	Diagnosis	ICD-10-CM
B37.3	Candidiasis of vulva and vagina	Diagnosis	ICD-10-CM
B37.41	Candidal cystitis and urethritis	Diagnosis	ICD-10-CM
B37.42	Candidal balanitis	Diagnosis	ICD-10-CM
B37.49	Other urogenital candidiasis	Diagnosis	ICD-10-CM
B37.5	Candidal meningitis	Diagnosis	ICD-10-CM
B37.6	Candidal endocarditis	Diagnosis	ICD-10-CM
B37.7	Candidal sepsis	Diagnosis	ICD-10-CM
B37.81	Candidal esophagitis	Diagnosis	ICD-10-CM
B37.82	Candidal enteritis	Diagnosis	ICD-10-CM
B37.83	Candidal cheilitis	Diagnosis	ICD-10-CM
B37.84	Candidal otitis externa	Diagnosis	ICD-10-CM
B37.89	Other sites of candidiasis	Diagnosis	ICD-10-CM
B37.9	Candidiasis, unspecified	Diagnosis	ICD-10-CM
B38.0	Acute pulmonary coccidioidomycosis	Diagnosis	ICD-10-CM
B38.1	Chronic pulmonary coccidioidomycosis	Diagnosis	ICD-10-CM
B38.2	Pulmonary coccidioidomycosis, unspecified	Diagnosis	ICD-10-CM
B38.3	Cutaneous coccidioidomycosis	Diagnosis	ICD-10-CM
B38.4	Coccidioidomycosis meningitis	Diagnosis	ICD-10-CM
B38.7	Disseminated coccidioidomycosis	Diagnosis	ICD-10-CM
B38.81	Prostatic coccidioidomycosis	Diagnosis	ICD-10-CM
B38.89	Other forms of coccidioidomycosis	Diagnosis	ICD-10-CM

**Appendix E. List of International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, Healthcare Common Procedure Coding System (HCPCS), Current Procedural Terminology, Fourth Edition (CPT-4) and Second Edition (CPT Category II) Procedure Codes Used to Define Outcome Criteria in this Request**

<b>Code</b>	<b>Description</b>	<b>Code Category</b>	<b>Code Type</b>
B38.9	Coccidioidomycosis, unspecified	Diagnosis	ICD-10-CM
B39.0	Acute pulmonary histoplasmosis capsulati	Diagnosis	ICD-10-CM
B39.1	Chronic pulmonary histoplasmosis capsulati	Diagnosis	ICD-10-CM
B39.2	Pulmonary histoplasmosis capsulati, unspecified	Diagnosis	ICD-10-CM
B39.3	Disseminated histoplasmosis capsulati	Diagnosis	ICD-10-CM
B39.4	Histoplasmosis capsulati, unspecified	Diagnosis	ICD-10-CM
B39.5	Histoplasmosis duboisii	Diagnosis	ICD-10-CM
B39.9	Histoplasmosis, unspecified	Diagnosis	ICD-10-CM
B40.0	Acute pulmonary blastomycosis	Diagnosis	ICD-10-CM
B40.1	Chronic pulmonary blastomycosis	Diagnosis	ICD-10-CM
B40.2	Pulmonary blastomycosis, unspecified	Diagnosis	ICD-10-CM
B40.3	Cutaneous blastomycosis	Diagnosis	ICD-10-CM
B40.7	Disseminated blastomycosis	Diagnosis	ICD-10-CM
B40.81	Blastomycotic meningoencephalitis	Diagnosis	ICD-10-CM
B40.89	Other forms of blastomycosis	Diagnosis	ICD-10-CM
B40.9	Blastomycosis, unspecified	Diagnosis	ICD-10-CM
B41.0	Pulmonary paracoccidioidomycosis	Diagnosis	ICD-10-CM
B41.7	Disseminated paracoccidioidomycosis	Diagnosis	ICD-10-CM
B41.8	Other forms of paracoccidioidomycosis	Diagnosis	ICD-10-CM
B41.9	Paracoccidioidomycosis, unspecified	Diagnosis	ICD-10-CM
B42.0	Pulmonary sporotrichosis	Diagnosis	ICD-10-CM
B42.1	Lymphocutaneous sporotrichosis	Diagnosis	ICD-10-CM
B42.7	Disseminated sporotrichosis	Diagnosis	ICD-10-CM
B42.81	Cerebral sporotrichosis	Diagnosis	ICD-10-CM
B42.82	Sporotrichosis arthritis	Diagnosis	ICD-10-CM
B42.89	Other forms of sporotrichosis	Diagnosis	ICD-10-CM
B42.9	Sporotrichosis, unspecified	Diagnosis	ICD-10-CM
B43.0	Cutaneous chromomycosis	Diagnosis	ICD-10-CM
B43.1	Pheomycotic brain abscess	Diagnosis	ICD-10-CM
B43.2	Subcutaneous pheomycotic abscess and cyst	Diagnosis	ICD-10-CM
B43.8	Other forms of chromomycosis	Diagnosis	ICD-10-CM
B43.9	Chromomycosis, unspecified	Diagnosis	ICD-10-CM
B44.0	Invasive pulmonary aspergillosis	Diagnosis	ICD-10-CM
B44.1	Other pulmonary aspergillosis	Diagnosis	ICD-10-CM
B44.2	Tonsillar aspergillosis	Diagnosis	ICD-10-CM
B44.7	Disseminated aspergillosis	Diagnosis	ICD-10-CM
B44.81	Allergic bronchopulmonary aspergillosis	Diagnosis	ICD-10-CM
B44.89	Other forms of aspergillosis	Diagnosis	ICD-10-CM
B44.9	Aspergillosis, unspecified	Diagnosis	ICD-10-CM
B45.0	Pulmonary cryptococcosis	Diagnosis	ICD-10-CM

**Appendix E. List of International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, Healthcare Common Procedure Coding System (HCPCS), Current Procedural Terminology, Fourth Edition (CPT-4) and Second Edition (CPT Category II) Procedure Codes Used to Define Outcome Criteria in this Request**

<b>Code</b>	<b>Description</b>	<b>Code Category</b>	<b>Code Type</b>
B45.1	Cerebral cryptococcosis	Diagnosis	ICD-10-CM
B45.2	Cutaneous cryptococcosis	Diagnosis	ICD-10-CM
B45.3	Osseous cryptococcosis	Diagnosis	ICD-10-CM
B45.7	Disseminated cryptococcosis	Diagnosis	ICD-10-CM
B45.8	Other forms of cryptococcosis	Diagnosis	ICD-10-CM
B45.9	Cryptococcosis, unspecified	Diagnosis	ICD-10-CM
B46.0	Pulmonary mucormycosis	Diagnosis	ICD-10-CM
B46.1	Rhinocerebral mucormycosis	Diagnosis	ICD-10-CM
B46.2	Gastrointestinal mucormycosis	Diagnosis	ICD-10-CM
B46.3	Cutaneous mucormycosis	Diagnosis	ICD-10-CM
B46.4	Disseminated mucormycosis	Diagnosis	ICD-10-CM
B46.5	Mucormycosis, unspecified	Diagnosis	ICD-10-CM
B46.8	Other zygomycoses	Diagnosis	ICD-10-CM
B46.9	Zygomycosis, unspecified	Diagnosis	ICD-10-CM
B47.0	Eumycetoma	Diagnosis	ICD-10-CM
B47.1	Actinomycetoma	Diagnosis	ICD-10-CM
B47.9	Mycetoma, unspecified	Diagnosis	ICD-10-CM
B48.0	Lobomycosis	Diagnosis	ICD-10-CM
B48.1	Rhinosporidiosis	Diagnosis	ICD-10-CM
B48.2	Allescheriasis	Diagnosis	ICD-10-CM
B48.3	Geotrichosis	Diagnosis	ICD-10-CM
B48.4	Penicillosis	Diagnosis	ICD-10-CM
B48.8	Other specified mycoses	Diagnosis	ICD-10-CM
B49	Unspecified mycosis	Diagnosis	ICD-10-CM
B50.0	Plasmodium falciparum malaria with cerebral complications	Diagnosis	ICD-10-CM
B50.8	Other severe and complicated Plasmodium falciparum malaria	Diagnosis	ICD-10-CM
B50.9	Plasmodium falciparum malaria, unspecified	Diagnosis	ICD-10-CM
B51.0	Plasmodium vivax malaria with rupture of spleen	Diagnosis	ICD-10-CM
B51.8	Plasmodium vivax malaria with other complications	Diagnosis	ICD-10-CM
B51.9	Plasmodium vivax malaria without complication	Diagnosis	ICD-10-CM
B52.0	Plasmodium malariae malaria with nephropathy	Diagnosis	ICD-10-CM
B52.8	Plasmodium malariae malaria with other complications	Diagnosis	ICD-10-CM
B52.9	Plasmodium malariae malaria without complication	Diagnosis	ICD-10-CM
B53.0	Plasmodium ovale malaria	Diagnosis	ICD-10-CM
B53.1	Malaria due to simian plasmodia	Diagnosis	ICD-10-CM
B53.8	Other malaria, not elsewhere classified	Diagnosis	ICD-10-CM
B54	Unspecified malaria	Diagnosis	ICD-10-CM
B55.0	Visceral leishmaniasis	Diagnosis	ICD-10-CM
B55.1	Cutaneous leishmaniasis	Diagnosis	ICD-10-CM
B55.2	Mucocutaneous leishmaniasis	Diagnosis	ICD-10-CM

**Appendix E. List of International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, Healthcare Common Procedure Coding System (HCPCS), Current Procedural Terminology, Fourth Edition (CPT-4) and Second Edition (CPT Category II) Procedure Codes Used to Define Outcome Criteria in this Request**

<b>Code</b>	<b>Description</b>	<b>Code Category</b>	<b>Code Type</b>
B55.9	Leishmaniasis, unspecified	Diagnosis	ICD-10-CM
B56.0	Gambiense trypanosomiasis	Diagnosis	ICD-10-CM
B56.1	Rhodesiense trypanosomiasis	Diagnosis	ICD-10-CM
B56.9	African trypanosomiasis, unspecified	Diagnosis	ICD-10-CM
B57.0	Acute Chagas' disease with heart involvement	Diagnosis	ICD-10-CM
B57.1	Acute Chagas' disease without heart involvement	Diagnosis	ICD-10-CM
B57.2	Chagas' disease (chronic) with heart involvement	Diagnosis	ICD-10-CM
B57.30	Chagas' disease with digestive system involvement, unspecified	Diagnosis	ICD-10-CM
B57.31	Megaesophagus in Chagas' disease	Diagnosis	ICD-10-CM
B57.32	Megacolon in Chagas' disease	Diagnosis	ICD-10-CM
B57.39	Other digestive system involvement in Chagas' disease	Diagnosis	ICD-10-CM
B57.40	Chagas' disease with nervous system involvement, unspecified	Diagnosis	ICD-10-CM
B57.41	Meningitis in Chagas' disease	Diagnosis	ICD-10-CM
B57.42	Meningoencephalitis in Chagas' disease	Diagnosis	ICD-10-CM
B57.49	Other nervous system involvement in Chagas' disease	Diagnosis	ICD-10-CM
B57.5	Chagas' disease (chronic) with other organ involvement	Diagnosis	ICD-10-CM
B58.00	Toxoplasma oculopathy, unspecified	Diagnosis	ICD-10-CM
B58.01	Toxoplasma chorioretinitis	Diagnosis	ICD-10-CM
B58.09	Other toxoplasma oculopathy	Diagnosis	ICD-10-CM
B58.1	Toxoplasma hepatitis	Diagnosis	ICD-10-CM
B58.2	Toxoplasma meningoencephalitis	Diagnosis	ICD-10-CM
B58.3	Pulmonary toxoplasmosis	Diagnosis	ICD-10-CM
B58.81	Toxoplasma myocarditis	Diagnosis	ICD-10-CM
B58.82	Toxoplasma myositis	Diagnosis	ICD-10-CM
B58.83	Toxoplasma tubulo-interstitial nephropathy	Diagnosis	ICD-10-CM
B58.89	Toxoplasmosis with other organ involvement	Diagnosis	ICD-10-CM
B58.9	Toxoplasmosis, unspecified	Diagnosis	ICD-10-CM
B59	Pneumocystosis	Diagnosis	ICD-10-CM
B60.0	Babesiosis	Diagnosis	ICD-10-CM
B60.10	Acanthamebiasis, unspecified	Diagnosis	ICD-10-CM
B60.11	Meningoencephalitis due to Acanthamoeba (culbertsoni)	Diagnosis	ICD-10-CM
B60.12	Conjunctivitis due to Acanthamoeba	Diagnosis	ICD-10-CM
B60.13	Keratoconjunctivitis due to Acanthamoeba	Diagnosis	ICD-10-CM
B60.19	Other acanthamebic disease	Diagnosis	ICD-10-CM
B60.2	Naegleriasis	Diagnosis	ICD-10-CM
B60.8	Other specified protozoal diseases	Diagnosis	ICD-10-CM
B64	Unspecified protozoal disease	Diagnosis	ICD-10-CM
B65.0	Schistosomiasis due to Schistosoma haematobium [urinary schistosomiasis]	Diagnosis	ICD-10-CM
B65.1	Schistosomiasis due to Schistosoma mansoni [intestinal schistosomiasis]	Diagnosis	ICD-10-CM
B65.2	Schistosomiasis due to Schistosoma japonicum	Diagnosis	ICD-10-CM



**Appendix E. List of International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, Healthcare Common Procedure Coding System (HCPCS), Current Procedural Terminology, Fourth Edition (CPT-4) and Second Edition (CPT Category II) Procedure Codes Used to Define Outcome Criteria in this Request**

<b>Code</b>	<b>Description</b>	<b>Code Category</b>	<b>Code Type</b>
B65.3	Cercarial dermatitis	Diagnosis	ICD-10-CM
B65.8	Other schistosomiasis	Diagnosis	ICD-10-CM
B65.9	Schistosomiasis, unspecified	Diagnosis	ICD-10-CM
B66.0	Opisthorchiasis	Diagnosis	ICD-10-CM
B66.1	Clonorchiasis	Diagnosis	ICD-10-CM
B66.2	Dicrocoeliasis	Diagnosis	ICD-10-CM
B66.3	Fascioliasis	Diagnosis	ICD-10-CM
B66.4	Paragonimiasis	Diagnosis	ICD-10-CM
B66.5	Fasciolopsiasis	Diagnosis	ICD-10-CM
B66.8	Other specified fluke infections	Diagnosis	ICD-10-CM
B66.9	Fluke infection, unspecified	Diagnosis	ICD-10-CM
B67.0	Echinococcus granulosus infection of liver	Diagnosis	ICD-10-CM
B67.1	Echinococcus granulosus infection of lung	Diagnosis	ICD-10-CM
B67.2	Echinococcus granulosus infection of bone	Diagnosis	ICD-10-CM
B67.31	Echinococcus granulosus infection, thyroid gland	Diagnosis	ICD-10-CM
B67.32	Echinococcus granulosus infection, multiple sites	Diagnosis	ICD-10-CM
B67.39	Echinococcus granulosus infection, other sites	Diagnosis	ICD-10-CM
B67.4	Echinococcus granulosus infection, unspecified	Diagnosis	ICD-10-CM
B67.5	Echinococcus multilocularis infection of liver	Diagnosis	ICD-10-CM
B67.61	Echinococcus multilocularis infection, multiple sites	Diagnosis	ICD-10-CM
B67.69	Echinococcus multilocularis infection, other sites	Diagnosis	ICD-10-CM
B67.7	Echinococcus multilocularis infection, unspecified	Diagnosis	ICD-10-CM
B67.8	Echinococcosis, unspecified, of liver	Diagnosis	ICD-10-CM
B67.90	Echinococcosis, unspecified	Diagnosis	ICD-10-CM
B67.99	Other echinococcosis	Diagnosis	ICD-10-CM
B68.0	Taenia solium taeniasis	Diagnosis	ICD-10-CM
B68.1	Taenia saginata taeniasis	Diagnosis	ICD-10-CM
B68.9	Taeniasis, unspecified	Diagnosis	ICD-10-CM
B69.0	Cysticercosis of central nervous system	Diagnosis	ICD-10-CM
B69.1	Cysticercosis of eye	Diagnosis	ICD-10-CM
B69.81	Myositis in cysticercosis	Diagnosis	ICD-10-CM
B69.89	Cysticercosis of other sites	Diagnosis	ICD-10-CM
B69.9	Cysticercosis, unspecified	Diagnosis	ICD-10-CM
B70.0	Diphyllobothriasis	Diagnosis	ICD-10-CM
B70.1	Sparganosis	Diagnosis	ICD-10-CM
B71.0	Hymenolepiasis	Diagnosis	ICD-10-CM
B71.1	Dipylidiasis	Diagnosis	ICD-10-CM
B71.8	Other specified cestode infections	Diagnosis	ICD-10-CM
B71.9	Cestode infection, unspecified	Diagnosis	ICD-10-CM
B72	Dracunculiasis	Diagnosis	ICD-10-CM

**Appendix E. List of International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, Healthcare Common Procedure Coding System (HCPCS), Current Procedural Terminology, Fourth Edition (CPT-4) and Second Edition (CPT Category II) Procedure Codes Used to Define Outcome Criteria in this Request**

<b>Code</b>	<b>Description</b>	<b>Code Category</b>	<b>Code Type</b>
B73.00	Onchocerciasis with eye involvement, unspecified	Diagnosis	ICD-10-CM
B73.01	Onchocerciasis with endophthalmitis	Diagnosis	ICD-10-CM
B73.02	Onchocerciasis with glaucoma	Diagnosis	ICD-10-CM
B73.09	Onchocerciasis with other eye involvement	Diagnosis	ICD-10-CM
B73.1	Onchocerciasis without eye disease	Diagnosis	ICD-10-CM
B74.0	Filariasis due to Wuchereria bancrofti	Diagnosis	ICD-10-CM
B74.1	Filariasis due to Brugia malayi	Diagnosis	ICD-10-CM
B74.2	Filariasis due to Brugia timori	Diagnosis	ICD-10-CM
B74.3	Loiasis	Diagnosis	ICD-10-CM
B74.4	Mansonelliasis	Diagnosis	ICD-10-CM
B74.8	Other filariases	Diagnosis	ICD-10-CM
B74.9	Filariasis, unspecified	Diagnosis	ICD-10-CM
B75	Trichinellosis	Diagnosis	ICD-10-CM
B76.0	Ancylostomiasis	Diagnosis	ICD-10-CM
B76.1	Necatoriasis	Diagnosis	ICD-10-CM
B76.8	Other hookworm diseases	Diagnosis	ICD-10-CM
B76.9	Hookworm disease, unspecified	Diagnosis	ICD-10-CM
B77.0	Ascariasis with intestinal complications	Diagnosis	ICD-10-CM
B77.81	Ascariasis pneumonia	Diagnosis	ICD-10-CM
B77.89	Ascariasis with other complications	Diagnosis	ICD-10-CM
B77.9	Ascariasis, unspecified	Diagnosis	ICD-10-CM
B78.0	Intestinal strongyloidiasis	Diagnosis	ICD-10-CM
B78.1	Cutaneous strongyloidiasis	Diagnosis	ICD-10-CM
B78.7	Disseminated strongyloidiasis	Diagnosis	ICD-10-CM
B78.9	Strongyloidiasis, unspecified	Diagnosis	ICD-10-CM
B79	Trichuriasis	Diagnosis	ICD-10-CM
B80	Enterobiasis	Diagnosis	ICD-10-CM
B81.0	Anisakiasis	Diagnosis	ICD-10-CM
B81.1	Intestinal capillariasis	Diagnosis	ICD-10-CM
B81.2	Trichostrongyliasis	Diagnosis	ICD-10-CM
B81.3	Intestinal angiostrongyliasis	Diagnosis	ICD-10-CM
B81.4	Mixed intestinal helminthiasis	Diagnosis	ICD-10-CM
B81.8	Other specified intestinal helminthiasis	Diagnosis	ICD-10-CM
B82.0	Intestinal helminthiasis, unspecified	Diagnosis	ICD-10-CM
B82.9	Intestinal parasitism, unspecified	Diagnosis	ICD-10-CM
B83.0	Visceral larva migrans	Diagnosis	ICD-10-CM
B83.1	Gnathostomiasis	Diagnosis	ICD-10-CM
B83.2	Angiostrongyliasis due to Parastrongylus cantonensis	Diagnosis	ICD-10-CM
B83.3	Syngamiasis	Diagnosis	ICD-10-CM
B83.4	Internal hirudiniasis	Diagnosis	ICD-10-CM



**Appendix E. List of International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, Healthcare Common Procedure Coding System (HCPCS), Current Procedural Terminology, Fourth Edition (CPT-4) and Second Edition (CPT Category II) Procedure Codes Used to Define Outcome Criteria in this Request**

<b>Code</b>	<b>Description</b>	<b>Code Category</b>	<b>Code Type</b>
B83.8	Other specified helminthiases	Diagnosis	ICD-10-CM
B83.9	Helminthiasis, unspecified	Diagnosis	ICD-10-CM
B85.0	Pediculosis due to <i>Pediculus humanus capitis</i>	Diagnosis	ICD-10-CM
B85.1	Pediculosis due to <i>Pediculus humanus corporis</i>	Diagnosis	ICD-10-CM
B85.2	Pediculosis, unspecified	Diagnosis	ICD-10-CM
B85.3	Phthiriasis	Diagnosis	ICD-10-CM
B85.4	Mixed pediculosis and phthiriasis	Diagnosis	ICD-10-CM
B86	Scabies	Diagnosis	ICD-10-CM
B87.0	Cutaneous myiasis	Diagnosis	ICD-10-CM
B87.1	Wound myiasis	Diagnosis	ICD-10-CM
B87.2	Ocular myiasis	Diagnosis	ICD-10-CM
B87.3	Nasopharyngeal myiasis	Diagnosis	ICD-10-CM
B87.4	Aural myiasis	Diagnosis	ICD-10-CM
B87.81	Genitourinary myiasis	Diagnosis	ICD-10-CM
B87.82	Intestinal myiasis	Diagnosis	ICD-10-CM
B87.89	Myiasis of other sites	Diagnosis	ICD-10-CM
B87.9	Myiasis, unspecified	Diagnosis	ICD-10-CM
B88.0	Other acariasis	Diagnosis	ICD-10-CM
B88.1	Tungiasis [sandflea infestation]	Diagnosis	ICD-10-CM
B88.2	Other arthropod infestations	Diagnosis	ICD-10-CM
B88.3	External hirudiniasis	Diagnosis	ICD-10-CM
B88.8	Other specified infestations	Diagnosis	ICD-10-CM
B88.9	Infestation, unspecified	Diagnosis	ICD-10-CM
B89	Unspecified parasitic disease	Diagnosis	ICD-10-CM
B90.0	Sequelae of central nervous system tuberculosis	Diagnosis	ICD-10-CM
B90.1	Sequelae of genitourinary tuberculosis	Diagnosis	ICD-10-CM
B90.2	Sequelae of tuberculosis of bones and joints	Diagnosis	ICD-10-CM
B90.8	Sequelae of tuberculosis of other organs	Diagnosis	ICD-10-CM
B90.9	Sequelae of respiratory and unspecified tuberculosis	Diagnosis	ICD-10-CM
B91	Sequelae of poliomyelitis	Diagnosis	ICD-10-CM
B92	Sequelae of leprosy	Diagnosis	ICD-10-CM
B94.0	Sequelae of trachoma	Diagnosis	ICD-10-CM
B94.1	Sequelae of viral encephalitis	Diagnosis	ICD-10-CM
B94.2	Sequelae of viral hepatitis	Diagnosis	ICD-10-CM
B94.8	Sequelae of other specified infectious and parasitic diseases	Diagnosis	ICD-10-CM
B94.9	Sequelae of unspecified infectious and parasitic disease	Diagnosis	ICD-10-CM
B95.0	<i>Streptococcus</i> , group A, as the cause of diseases classified elsewhere	Diagnosis	ICD-10-CM
B95.1	<i>Streptococcus</i> , group B, as the cause of diseases classified elsewhere	Diagnosis	ICD-10-CM
B95.2	<i>Enterococcus</i> as the cause of diseases classified elsewhere	Diagnosis	ICD-10-CM
B95.3	<i>Streptococcus pneumoniae</i> as the cause of diseases classified elsewhere	Diagnosis	ICD-10-CM

**Appendix E. List of International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, Healthcare Common Procedure Coding System (HCPCS), Current Procedural Terminology, Fourth Edition (CPT-4) and Second Edition (CPT Category II) Procedure Codes Used to Define Outcome Criteria in this Request**

<b>Code</b>	<b>Description</b>	<b>Code Category</b>	<b>Code Type</b>
B95.4	Other streptococcus as the cause of diseases classified elsewhere	Diagnosis	ICD-10-CM
B95.5	Unspecified streptococcus as the cause of diseases classified elsewhere	Diagnosis	ICD-10-CM
B95.61	Methicillin susceptible Staphylococcus aureus infection as the cause of diseases clas	Diagnosis	ICD-10-CM
B95.62	Methicillin resistant Staphylococcus aureus infection as the cause of diseases classifi	Diagnosis	ICD-10-CM
B95.7	Other staphylococcus as the cause of diseases classified elsewhere	Diagnosis	ICD-10-CM
B95.8	Unspecified staphylococcus as the cause of diseases classified elsewhere	Diagnosis	ICD-10-CM
B96.0	Mycoplasma pneumoniae [M. pneumoniae] as the cause of diseases classified elsew	Diagnosis	ICD-10-CM
B96.1	Klebsiella pneumoniae [K. pneumoniae] as the cause of diseases classified elsewhere	Diagnosis	ICD-10-CM
B96.20	Unspecified Escherichia coli [E. coli] as the cause of diseases classified elsewhere	Diagnosis	ICD-10-CM
B96.21	Shiga toxin-producing Escherichia coli [E. coli] [STEC] O157 as the cause of diseases c	Diagnosis	ICD-10-CM
B96.22	Other specified Shiga toxin-producing Escherichia coli [E. coli] [STEC] as the cause of	Diagnosis	ICD-10-CM
B96.23	Unspecified Shiga toxin-producing Escherichia coli [E. coli] [STEC] as the cause of dis	Diagnosis	ICD-10-CM
B96.29	Other Escherichia coli [E. coli] as the cause of diseases classified elsewhere	Diagnosis	ICD-10-CM
B96.3	Hemophilus influenzae [H. influenzae] as the cause of diseases classified elsewhere	Diagnosis	ICD-10-CM
B96.4	Proteus (mirabilis) (morganii) as the cause of diseases classified elsewhere	Diagnosis	ICD-10-CM
B96.5	Pseudomonas (aeruginosa) (mallei) (pseudomallei) as the cause of diseases classifiec	Diagnosis	ICD-10-CM
B96.6	Bacteroides fragilis [B. fragilis] as the cause of diseases classified elsewhere	Diagnosis	ICD-10-CM
B96.7	Clostridium perfringens [C. perfringens] as the cause of diseases classified elsewhere	Diagnosis	ICD-10-CM
B96.81	Helicobacter pylori [H. pylori] as the cause of diseases classified elsewhere	Diagnosis	ICD-10-CM
B96.82	Vibrio vulnificus as the cause of diseases classified elsewhere	Diagnosis	ICD-10-CM
B96.89	Other specified bacterial agents as the cause of diseases classified elsewhere	Diagnosis	ICD-10-CM
B97.0	Adenovirus as the cause of diseases classified elsewhere	Diagnosis	ICD-10-CM
B97.10	Unspecified enterovirus as the cause of diseases classified elsewhere	Diagnosis	ICD-10-CM
B97.11	Coxsackievirus as the cause of diseases classified elsewhere	Diagnosis	ICD-10-CM
B97.12	Echovirus as the cause of diseases classified elsewhere	Diagnosis	ICD-10-CM
B97.19	Other enterovirus as the cause of diseases classified elsewhere	Diagnosis	ICD-10-CM
B97.21	SARS-associated coronavirus as the cause of diseases classified elsewhere	Diagnosis	ICD-10-CM
B97.29	Other coronavirus as the cause of diseases classified elsewhere	Diagnosis	ICD-10-CM
B97.30	Unspecified retrovirus as the cause of diseases classified elsewhere	Diagnosis	ICD-10-CM
B97.31	Lentivirus as the cause of diseases classified elsewhere	Diagnosis	ICD-10-CM
B97.32	Oncovirus as the cause of diseases classified elsewhere	Diagnosis	ICD-10-CM
B97.33	Human T-cell lymphotropic virus, type I [HTLV-I] as the cause of diseases classified	Diagnosis	ICD-10-CM
B97.34	Human T-cell lymphotropic virus, type II [HTLV-II] as the cause of diseases classifiec	Diagnosis	ICD-10-CM
B97.35	Human immunodeficiency virus, type 2 [HIV 2] as the cause of diseases classified els	Diagnosis	ICD-10-CM
B97.39	Other retrovirus as the cause of diseases classified elsewhere	Diagnosis	ICD-10-CM
B97.4	Respiratory syncytial virus as the cause of diseases classified elsewhere	Diagnosis	ICD-10-CM
B97.5	Reovirus as the cause of diseases classified elsewhere	Diagnosis	ICD-10-CM
B97.6	Parvovirus as the cause of diseases classified elsewhere	Diagnosis	ICD-10-CM
B97.7	Papillomavirus as the cause of diseases classified elsewhere	Diagnosis	ICD-10-CM
B97.81	Human metapneumovirus as the cause of diseases classified elsewhere	Diagnosis	ICD-10-CM

**Appendix E. List of International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, Healthcare Common Procedure Coding System (HCPCS), Current Procedural Terminology, Fourth Edition (CPT-4) and Second Edition (CPT Category II) Procedure Codes Used to Define Outcome Criteria in this Request**

<b>Code</b>	<b>Description</b>	<b>Code Category</b>	<b>Code Type</b>
B97.89	Other viral agents as the cause of diseases classified elsewhere	Diagnosis	ICD-10-CM
B99.8	Other infectious disease	Diagnosis	ICD-10-CM
B99.9	Unspecified infectious disease	Diagnosis	ICD-10-CM
D73.3	Abscess of spleen	Diagnosis	ICD-10-CM
G00	Bacterial meningitis, not elsewhere classified	Diagnosis	ICD-10-CM
G00.0	Hemophilus meningitis	Diagnosis	ICD-10-CM
G00.1	Pneumococcal meningitis	Diagnosis	ICD-10-CM
G00.2	Streptococcal meningitis	Diagnosis	ICD-10-CM
G00.3	Staphylococcal meningitis	Diagnosis	ICD-10-CM
G00.8	Other bacterial meningitis	Diagnosis	ICD-10-CM
G00.9	Bacterial meningitis, unspecified	Diagnosis	ICD-10-CM
G01	Meningitis in bacterial diseases classified elsewhere	Diagnosis	ICD-10-CM
G02	Meningitis in other infectious and parasitic diseases classified elsewhere	Diagnosis	ICD-10-CM
G03.8	Meningitis due to other specified causes	Diagnosis	ICD-10-CM
G03.9	Meningitis, unspecified	Diagnosis	ICD-10-CM
H00.031	Abscess of right upper eyelid	Diagnosis	ICD-10-CM
H00.032	Abscess of right lower eyelid	Diagnosis	ICD-10-CM
H00.033	Abscess of eyelid right eye, unspecified eyelid	Diagnosis	ICD-10-CM
H00.034	Abscess of left upper eyelid	Diagnosis	ICD-10-CM
H00.035	Abscess of left lower eyelid	Diagnosis	ICD-10-CM
H00.036	Abscess of eyelid left eye, unspecified eyelid	Diagnosis	ICD-10-CM
H00.039	Abscess of eyelid unspecified eye, unspecified eyelid	Diagnosis	ICD-10-CM
H05.011	Cellulitis of right orbit	Diagnosis	ICD-10-CM
H05.012	Cellulitis of left orbit	Diagnosis	ICD-10-CM
H05.013	Cellulitis of bilateral orbits	Diagnosis	ICD-10-CM
H05.019	Cellulitis of unspecified orbit	Diagnosis	ICD-10-CM
H05.02	Osteomyelitis of orbit	Diagnosis	ICD-10-CM
H05.021	Osteomyelitis of right orbit	Diagnosis	ICD-10-CM
H05.022	Osteomyelitis of left orbit	Diagnosis	ICD-10-CM
H05.023	Osteomyelitis of bilateral orbits	Diagnosis	ICD-10-CM
H05.029	Osteomyelitis of unspecified orbit	Diagnosis	ICD-10-CM
H60.00	Abscess of external ear, unspecified ear	Diagnosis	ICD-10-CM
H60.01	Abscess of right external ear	Diagnosis	ICD-10-CM
H60.02	Abscess of left external ear	Diagnosis	ICD-10-CM
H60.03	Abscess of external ear, bilateral	Diagnosis	ICD-10-CM
H60.10	Cellulitis of external ear, unspecified ear	Diagnosis	ICD-10-CM
H60.11	Cellulitis of right external ear	Diagnosis	ICD-10-CM
H60.12	Cellulitis of left external ear	Diagnosis	ICD-10-CM
H60.13	Cellulitis of external ear, bilateral	Diagnosis	ICD-10-CM
I33.0	Acute and subacute infective endocarditis	Diagnosis	ICD-10-CM

**Appendix E. List of International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, Healthcare Common Procedure Coding System (HCPCS), Current Procedural Terminology, Fourth Edition (CPT-4) and Second Edition (CPT Category II) Procedure Codes Used to Define Outcome Criteria in this Request**

<b>Code</b>	<b>Description</b>	<b>Code Category</b>	<b>Code Type</b>
I70.261	Atherosclerosis of native arteries of extremities with gangrene, right leg	Diagnosis	ICD-10-CM
I70.262	Atherosclerosis of native arteries of extremities with gangrene, left leg	Diagnosis	ICD-10-CM
I70.263	Atherosclerosis of native arteries of extremities with gangrene, bilateral legs	Diagnosis	ICD-10-CM
I70.268	Atherosclerosis of native arteries of extremities with gangrene, other extremity	Diagnosis	ICD-10-CM
I70.269	Atherosclerosis of native arteries of extremities with gangrene, unspecified extremity	Diagnosis	ICD-10-CM
I73.01	Raynaud's syndrome with gangrene	Diagnosis	ICD-10-CM
I76	Septic arterial embolism	Diagnosis	ICD-10-CM
I96	Gangrene, not elsewhere classified	Diagnosis	ICD-10-CM
J00	Acute nasopharyngitis [common cold]	Diagnosis	ICD-10-CM
J01.00	Acute maxillary sinusitis, unspecified	Diagnosis	ICD-10-CM
J01.01	Acute recurrent maxillary sinusitis	Diagnosis	ICD-10-CM
J01.10	Acute frontal sinusitis, unspecified	Diagnosis	ICD-10-CM
J01.11	Acute recurrent frontal sinusitis	Diagnosis	ICD-10-CM
J01.20	Acute ethmoidal sinusitis, unspecified	Diagnosis	ICD-10-CM
J01.21	Acute recurrent ethmoidal sinusitis	Diagnosis	ICD-10-CM
J01.30	Acute sphenoidal sinusitis, unspecified	Diagnosis	ICD-10-CM
J01.31	Acute recurrent sphenoidal sinusitis	Diagnosis	ICD-10-CM
J01.40	Acute pansinusitis, unspecified	Diagnosis	ICD-10-CM
J01.41	Acute recurrent pansinusitis	Diagnosis	ICD-10-CM
J01.80	Other acute sinusitis	Diagnosis	ICD-10-CM
J01.81	Other acute recurrent sinusitis	Diagnosis	ICD-10-CM
J01.90	Acute sinusitis, unspecified	Diagnosis	ICD-10-CM
J01.91	Acute recurrent sinusitis, unspecified	Diagnosis	ICD-10-CM
J02.0	Streptococcal pharyngitis	Diagnosis	ICD-10-CM
J02.8	Acute pharyngitis due to other specified organisms	Diagnosis	ICD-10-CM
J02.9	Acute pharyngitis, unspecified	Diagnosis	ICD-10-CM
J03.00	Acute streptococcal tonsillitis, unspecified	Diagnosis	ICD-10-CM
J03.01	Acute recurrent streptococcal tonsillitis	Diagnosis	ICD-10-CM
J03.80	Acute tonsillitis due to other specified organisms	Diagnosis	ICD-10-CM
J03.81	Acute recurrent tonsillitis due to other specified organisms	Diagnosis	ICD-10-CM
J03.90	Acute tonsillitis, unspecified	Diagnosis	ICD-10-CM
J03.91	Acute recurrent tonsillitis, unspecified	Diagnosis	ICD-10-CM
J04.0	Acute laryngitis	Diagnosis	ICD-10-CM
J04.10	Acute tracheitis without obstruction	Diagnosis	ICD-10-CM
J04.11	Acute tracheitis with obstruction	Diagnosis	ICD-10-CM
J04.2	Acute laryngotracheitis	Diagnosis	ICD-10-CM
J04.30	Supraglottitis, unspecified, without obstruction	Diagnosis	ICD-10-CM
J04.31	Supraglottitis, unspecified, with obstruction	Diagnosis	ICD-10-CM
J05.0	Acute obstructive laryngitis [croup]	Diagnosis	ICD-10-CM
J05.10	Acute epiglottitis without obstruction	Diagnosis	ICD-10-CM

**Appendix E. List of International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, Healthcare Common Procedure Coding System (HCPCS), Current Procedural Terminology, Fourth Edition (CPT-4) and Second Edition (CPT Category II) Procedure Codes Used to Define Outcome Criteria in this Request**

<b>Code</b>	<b>Description</b>	<b>Code Category</b>	<b>Code Type</b>
J05.11	Acute epiglottitis with obstruction	Diagnosis	ICD-10-CM
J06.0	Acute laryngopharyngitis	Diagnosis	ICD-10-CM
J06.9	Acute upper respiratory infection, unspecified	Diagnosis	ICD-10-CM
J09.X1	Influenza due to identified novel influenza A virus with pneumonia	Diagnosis	ICD-10-CM
J09.X2	Influenza due to identified novel influenza A virus with other respiratory manifestati	Diagnosis	ICD-10-CM
J09.X3	Influenza due to identified novel influenza A virus with gastrointestinal manifestatio	Diagnosis	ICD-10-CM
J09.X9	Influenza due to identified novel influenza A virus with other manifestations	Diagnosis	ICD-10-CM
J10.00	Influenza due to other identified influenza virus with unspecified type of pneumonia	Diagnosis	ICD-10-CM
J10.01	Influenza due to other identified influenza virus with the same other identified influ	Diagnosis	ICD-10-CM
J10.08	Influenza due to other identified influenza virus with other specified pneumonia	Diagnosis	ICD-10-CM
J10.1	Influenza due to other identified influenza virus with other respiratory manifestatio	Diagnosis	ICD-10-CM
J10.2	Influenza due to other identified influenza virus with gastrointestinal manifestations	Diagnosis	ICD-10-CM
J10.81	Influenza due to other identified influenza virus with encephalopathy	Diagnosis	ICD-10-CM
J10.82	Influenza due to other identified influenza virus with myocarditis	Diagnosis	ICD-10-CM
J10.83	Influenza due to other identified influenza virus with otitis media	Diagnosis	ICD-10-CM
J10.89	Influenza due to other identified influenza virus with other manifestations	Diagnosis	ICD-10-CM
J11.00	Influenza due to unidentified influenza virus with unspecified type of pneumonia	Diagnosis	ICD-10-CM
J11.08	Influenza due to unidentified influenza virus with specified pneumonia	Diagnosis	ICD-10-CM
J11.1	Influenza due to unidentified influenza virus with other respiratory manifestations	Diagnosis	ICD-10-CM
J11.2	Influenza due to unidentified influenza virus with gastrointestinal manifestations	Diagnosis	ICD-10-CM
J11.81	Influenza due to unidentified influenza virus with encephalopathy	Diagnosis	ICD-10-CM
J11.82	Influenza due to unidentified influenza virus with myocarditis	Diagnosis	ICD-10-CM
J11.83	Influenza due to unidentified influenza virus with otitis media	Diagnosis	ICD-10-CM
J11.89	Influenza due to unidentified influenza virus with other manifestations	Diagnosis	ICD-10-CM
J12	Viral pneumonia, not elsewhere classified	Diagnosis	ICD-10-CM
J12.0	Adenoviral pneumonia	Diagnosis	ICD-10-CM
J12.1	Respiratory syncytial virus pneumonia	Diagnosis	ICD-10-CM
J12.2	Parainfluenza virus pneumonia	Diagnosis	ICD-10-CM
J12.3	Human metapneumovirus pneumonia	Diagnosis	ICD-10-CM
J12.8	Other viral pneumonia	Diagnosis	ICD-10-CM
J12.81	Pneumonia due to SARS-associated coronavirus	Diagnosis	ICD-10-CM
J12.89	Other viral pneumonia	Diagnosis	ICD-10-CM
J12.9	Viral pneumonia, unspecified	Diagnosis	ICD-10-CM
J13	Pneumonia due to Streptococcus pneumoniae	Diagnosis	ICD-10-CM
J14	Pneumonia due to Hemophilus influenzae	Diagnosis	ICD-10-CM
J15	Bacterial pneumonia, not elsewhere classified	Diagnosis	ICD-10-CM
J15.0	Pneumonia due to Klebsiella pneumoniae	Diagnosis	ICD-10-CM
J15.1	Pneumonia due to Pseudomonas	Diagnosis	ICD-10-CM
J15.2	Pneumonia due to staphylococcus	Diagnosis	ICD-10-CM
J15.20	Pneumonia due to staphylococcus, unspecified	Diagnosis	ICD-10-CM

**Appendix E. List of International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, Healthcare Common Procedure Coding System (HCPCS), Current Procedural Terminology, Fourth Edition (CPT-4) and Second Edition (CPT Category II) Procedure Codes Used to Define Outcome Criteria in this Request**

<b>Code</b>	<b>Description</b>	<b>Code Category</b>	<b>Code Type</b>
J15.21	Pneumonia due to staphylococcus aureus	Diagnosis	ICD-10-CM
J15.211	Pneumonia due to Methicillin susceptible Staphylococcus aureus	Diagnosis	ICD-10-CM
J15.212	Pneumonia due to Methicillin resistant Staphylococcus aureus	Diagnosis	ICD-10-CM
J15.29	Pneumonia due to other staphylococcus	Diagnosis	ICD-10-CM
J15.3	Pneumonia due to streptococcus, group B	Diagnosis	ICD-10-CM
J15.4	Pneumonia due to other streptococci	Diagnosis	ICD-10-CM
J15.5	Pneumonia due to Escherichia coli	Diagnosis	ICD-10-CM
J15.6	Pneumonia due to other Gram-negative bacteria	Diagnosis	ICD-10-CM
J15.7	Pneumonia due to Mycoplasma pneumoniae	Diagnosis	ICD-10-CM
J15.8	Pneumonia due to other specified bacteria	Diagnosis	ICD-10-CM
J15.9	Unspecified bacterial pneumonia	Diagnosis	ICD-10-CM
J16	Pneumonia due to other infectious organisms, not elsewhere classified	Diagnosis	ICD-10-CM
J16.0	Chlamydial pneumonia	Diagnosis	ICD-10-CM
J16.8	Pneumonia due to other specified infectious organisms	Diagnosis	ICD-10-CM
J17	Pneumonia in diseases classified elsewhere	Diagnosis	ICD-10-CM
J18	Pneumonia, unspecified organism	Diagnosis	ICD-10-CM
J18.0	Bronchopneumonia, unspecified organism	Diagnosis	ICD-10-CM
J18.1	Lobar pneumonia, unspecified organism	Diagnosis	ICD-10-CM
J18.2	Hypostatic pneumonia, unspecified organism	Diagnosis	ICD-10-CM
J18.8	Other pneumonia, unspecified organism	Diagnosis	ICD-10-CM
J18.9	Pneumonia, unspecified organism	Diagnosis	ICD-10-CM
J20.0	Acute bronchitis due to Mycoplasma pneumoniae	Diagnosis	ICD-10-CM
J20.1	Acute bronchitis due to Hemophilus influenzae	Diagnosis	ICD-10-CM
J20.2	Acute bronchitis due to streptococcus	Diagnosis	ICD-10-CM
J20.3	Acute bronchitis due to coxsackievirus	Diagnosis	ICD-10-CM
J20.4	Acute bronchitis due to parainfluenza virus	Diagnosis	ICD-10-CM
J20.5	Acute bronchitis due to respiratory syncytial virus	Diagnosis	ICD-10-CM
J20.6	Acute bronchitis due to rhinovirus	Diagnosis	ICD-10-CM
J20.7	Acute bronchitis due to echovirus	Diagnosis	ICD-10-CM
J20.8	Acute bronchitis due to other specified organisms	Diagnosis	ICD-10-CM
J20.9	Acute bronchitis, unspecified	Diagnosis	ICD-10-CM
J21.0	Acute bronchiolitis due to respiratory syncytial virus	Diagnosis	ICD-10-CM
J21.1	Acute bronchiolitis due to human metapneumovirus	Diagnosis	ICD-10-CM
J21.8	Acute bronchiolitis due to other specified organisms	Diagnosis	ICD-10-CM
J21.9	Acute bronchiolitis, unspecified	Diagnosis	ICD-10-CM
J22	Unspecified acute lower respiratory infection	Diagnosis	ICD-10-CM
J30.0	Vasomotor rhinitis	Diagnosis	ICD-10-CM
J30.1	Allergic rhinitis due to pollen	Diagnosis	ICD-10-CM
J30.2	Other seasonal allergic rhinitis	Diagnosis	ICD-10-CM
J30.5	Allergic rhinitis due to food	Diagnosis	ICD-10-CM



**Appendix E. List of International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, Healthcare Common Procedure Coding System (HCPCS), Current Procedural Terminology, Fourth Edition (CPT-4) and Second Edition (CPT Category II) Procedure Codes Used to Define Outcome Criteria in this Request**

<b>Code</b>	<b>Description</b>	<b>Code Category</b>	<b>Code Type</b>
J30.81	Allergic rhinitis due to animal (cat) (dog) hair and dander	Diagnosis	ICD-10-CM
J30.89	Other allergic rhinitis	Diagnosis	ICD-10-CM
J30.9	Allergic rhinitis, unspecified	Diagnosis	ICD-10-CM
J31.0	Chronic rhinitis	Diagnosis	ICD-10-CM
J31.1	Chronic nasopharyngitis	Diagnosis	ICD-10-CM
J31.2	Chronic pharyngitis	Diagnosis	ICD-10-CM
J32.0	Chronic maxillary sinusitis	Diagnosis	ICD-10-CM
J32.1	Chronic frontal sinusitis	Diagnosis	ICD-10-CM
J32.2	Chronic ethmoidal sinusitis	Diagnosis	ICD-10-CM
J32.3	Chronic sphenoidal sinusitis	Diagnosis	ICD-10-CM
J32.4	Chronic pansinusitis	Diagnosis	ICD-10-CM
J32.8	Other chronic sinusitis	Diagnosis	ICD-10-CM
J32.9	Chronic sinusitis, unspecified	Diagnosis	ICD-10-CM
J33.0	Polyp of nasal cavity	Diagnosis	ICD-10-CM
J33.1	Polypoid sinus degeneration	Diagnosis	ICD-10-CM
J33.8	Other polyp of sinus	Diagnosis	ICD-10-CM
J33.9	Nasal polyp, unspecified	Diagnosis	ICD-10-CM
J34.0	Abscess, furuncle and carbuncle of nose	Diagnosis	ICD-10-CM
J34.1	Cyst and mucocele of nose and nasal sinus	Diagnosis	ICD-10-CM
J34.2	Deviated nasal septum	Diagnosis	ICD-10-CM
J34.3	Hypertrophy of nasal turbinates	Diagnosis	ICD-10-CM
J34.81	Nasal mucositis (ulcerative)	Diagnosis	ICD-10-CM
J34.89	Other specified disorders of nose and nasal sinuses	Diagnosis	ICD-10-CM
J34.9	Unspecified disorder of nose and nasal sinuses	Diagnosis	ICD-10-CM
J35.01	Chronic tonsillitis	Diagnosis	ICD-10-CM
J35.02	Chronic adenoiditis	Diagnosis	ICD-10-CM
J35.03	Chronic tonsillitis and adenoiditis	Diagnosis	ICD-10-CM
J35.1	Hypertrophy of tonsils	Diagnosis	ICD-10-CM
J35.2	Hypertrophy of adenoids	Diagnosis	ICD-10-CM
J35.3	Hypertrophy of tonsils with hypertrophy of adenoids	Diagnosis	ICD-10-CM
J35.8	Other chronic diseases of tonsils and adenoids	Diagnosis	ICD-10-CM
J35.9	Chronic disease of tonsils and adenoids, unspecified	Diagnosis	ICD-10-CM
J36	Peritonsillar abscess	Diagnosis	ICD-10-CM
J37.0	Chronic laryngitis	Diagnosis	ICD-10-CM
J37.1	Chronic laryngotracheitis	Diagnosis	ICD-10-CM
J38.00	Paralysis of vocal cords and larynx, unspecified	Diagnosis	ICD-10-CM
J38.01	Paralysis of vocal cords and larynx, unilateral	Diagnosis	ICD-10-CM
J38.02	Paralysis of vocal cords and larynx, bilateral	Diagnosis	ICD-10-CM
J38.1	Polyp of vocal cord and larynx	Diagnosis	ICD-10-CM
J38.2	Nodules of vocal cords	Diagnosis	ICD-10-CM

**Appendix E. List of International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, Healthcare Common Procedure Coding System (HCPCS), Current Procedural Terminology, Fourth Edition (CPT-4) and Second Edition (CPT Category II) Procedure Codes Used to Define Outcome Criteria in this Request**

<b>Code</b>	<b>Description</b>	<b>Code Category</b>	<b>Code Type</b>
J38.3	Other diseases of vocal cords	Diagnosis	ICD-10-CM
J38.4	Edema of larynx	Diagnosis	ICD-10-CM
J38.5	Laryngeal spasm	Diagnosis	ICD-10-CM
J38.6	Stenosis of larynx	Diagnosis	ICD-10-CM
J38.7	Other diseases of larynx	Diagnosis	ICD-10-CM
J39.0	Retropharyngeal and parapharyngeal abscess	Diagnosis	ICD-10-CM
J39.1	Other abscess of pharynx	Diagnosis	ICD-10-CM
J39.2	Other diseases of pharynx	Diagnosis	ICD-10-CM
J39.3	Upper respiratory tract hypersensitivity reaction, site unspecified	Diagnosis	ICD-10-CM
J39.8	Other specified diseases of upper respiratory tract	Diagnosis	ICD-10-CM
J39.9	Disease of upper respiratory tract, unspecified	Diagnosis	ICD-10-CM
J40	Bronchitis, not specified as acute or chronic	Diagnosis	ICD-10-CM
J41.0	Simple chronic bronchitis	Diagnosis	ICD-10-CM
J41.1	Mucopurulent chronic bronchitis	Diagnosis	ICD-10-CM
J41.8	Mixed simple and mucopurulent chronic bronchitis	Diagnosis	ICD-10-CM
J42	Unspecified chronic bronchitis	Diagnosis	ICD-10-CM
J43.0	Unilateral pulmonary emphysema [MacLeod's syndrome]	Diagnosis	ICD-10-CM
J43.1	Panlobular emphysema	Diagnosis	ICD-10-CM
J43.2	Centrilobular emphysema	Diagnosis	ICD-10-CM
J43.8	Other emphysema	Diagnosis	ICD-10-CM
J43.9	Emphysema, unspecified	Diagnosis	ICD-10-CM
J44.0	Chronic obstructive pulmonary disease with (acute) lower respiratory infection	Diagnosis	ICD-10-CM
J44.1	Chronic obstructive pulmonary disease with (acute) exacerbation	Diagnosis	ICD-10-CM
J44.9	Chronic obstructive pulmonary disease, unspecified	Diagnosis	ICD-10-CM
J45.20	Mild intermittent asthma, uncomplicated	Diagnosis	ICD-10-CM
J45.21	Mild intermittent asthma with (acute) exacerbation	Diagnosis	ICD-10-CM
J45.22	Mild intermittent asthma with status asthmaticus	Diagnosis	ICD-10-CM
J45.30	Mild persistent asthma, uncomplicated	Diagnosis	ICD-10-CM
J45.31	Mild persistent asthma with (acute) exacerbation	Diagnosis	ICD-10-CM
J45.32	Mild persistent asthma with status asthmaticus	Diagnosis	ICD-10-CM
J45.40	Moderate persistent asthma, uncomplicated	Diagnosis	ICD-10-CM
J45.41	Moderate persistent asthma with (acute) exacerbation	Diagnosis	ICD-10-CM
J45.42	Moderate persistent asthma with status asthmaticus	Diagnosis	ICD-10-CM
J45.50	Severe persistent asthma, uncomplicated	Diagnosis	ICD-10-CM
J45.51	Severe persistent asthma with (acute) exacerbation	Diagnosis	ICD-10-CM
J45.52	Severe persistent asthma with status asthmaticus	Diagnosis	ICD-10-CM
J45.901	Unspecified asthma with (acute) exacerbation	Diagnosis	ICD-10-CM
J45.902	Unspecified asthma with status asthmaticus	Diagnosis	ICD-10-CM
J45.909	Unspecified asthma, uncomplicated	Diagnosis	ICD-10-CM
J45.990	Exercise induced bronchospasm	Diagnosis	ICD-10-CM



**Appendix E. List of International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, Healthcare Common Procedure Coding System (HCPCS), Current Procedural Terminology, Fourth Edition (CPT-4) and Second Edition (CPT Category II) Procedure Codes Used to Define Outcome Criteria in this Request**

<b>Code</b>	<b>Description</b>	<b>Code Category</b>	<b>Code Type</b>
J45.991	Cough variant asthma	Diagnosis	ICD-10-CM
J45.998	Other asthma	Diagnosis	ICD-10-CM
J47.0	Bronchiectasis with acute lower respiratory infection	Diagnosis	ICD-10-CM
J47.1	Bronchiectasis with (acute) exacerbation	Diagnosis	ICD-10-CM
J47.9	Bronchiectasis, uncomplicated	Diagnosis	ICD-10-CM
J85.0	Gangrene and necrosis of lung	Diagnosis	ICD-10-CM
J85.1	Abscess of lung with pneumonia	Diagnosis	ICD-10-CM
K12.2	Cellulitis and abscess of mouth	Diagnosis	ICD-10-CM
K35.2	Acute appendicitis with generalized peritonitis	Diagnosis	ICD-10-CM
K35.3	Acute appendicitis with localized peritonitis	Diagnosis	ICD-10-CM
K35.80	Unspecified acute appendicitis	Diagnosis	ICD-10-CM
K35.89	Other acute appendicitis	Diagnosis	ICD-10-CM
K36	Other appendicitis	Diagnosis	ICD-10-CM
K37	Unspecified appendicitis	Diagnosis	ICD-10-CM
K38.9	Disease of appendix, unspecified	Diagnosis	ICD-10-CM
K55.30	Necrotizing enterocolitis, unspecified	Diagnosis	ICD-10-CM
K55.31	Stage 1 necrotizing enterocolitis	Diagnosis	ICD-10-CM
K55.32	Stage 2 necrotizing enterocolitis	Diagnosis	ICD-10-CM
K55.33	Stage 3 necrotizing enterocolitis	Diagnosis	ICD-10-CM
K57.00	Diverticulitis of small intestine with perforation and abscess without bleeding	Diagnosis	ICD-10-CM
K57.01	Diverticulitis of small intestine with perforation and abscess with bleeding	Diagnosis	ICD-10-CM
K57.12	Diverticulitis of small intestine without perforation or abscess without bleeding	Diagnosis	ICD-10-CM
K57.13	Diverticulitis of small intestine without perforation or abscess with bleeding	Diagnosis	ICD-10-CM
K57.20	Diverticulitis of large intestine with perforation and abscess without bleeding	Diagnosis	ICD-10-CM
K57.21	Diverticulitis of large intestine with perforation and abscess with bleeding	Diagnosis	ICD-10-CM
K57.32	Diverticulitis of large intestine without perforation or abscess without bleeding	Diagnosis	ICD-10-CM
K57.33	Diverticulitis of large intestine without perforation or abscess with bleeding	Diagnosis	ICD-10-CM
K57.40	Diverticulitis of both small and large intestine with perforation and abscess without	Diagnosis	ICD-10-CM
K57.41	Diverticulitis of both small and large intestine with perforation and abscess with ble	Diagnosis	ICD-10-CM
K57.52	Diverticulitis of both small and large intestine without perforation or abscess withou	Diagnosis	ICD-10-CM
K57.53	Diverticulitis of both small and large intestine without perforation or abscess with bl	Diagnosis	ICD-10-CM
K57.80	Diverticulitis of intestine, part unspecified, with perforation and abscess without ble	Diagnosis	ICD-10-CM
K57.81	Diverticulitis of intestine, part unspecified, with perforation and abscess with bleedi	Diagnosis	ICD-10-CM
K57.92	Diverticulitis of intestine, part unspecified, without perforation or abscess without b	Diagnosis	ICD-10-CM
K57.93	Diverticulitis of intestine, part unspecified, without perforation or abscess with blee	Diagnosis	ICD-10-CM
K61	Abscess of anal and rectal regions	Diagnosis	ICD-10-CM
K61.0	Anal abscess	Diagnosis	ICD-10-CM
K61.1	Rectal abscess	Diagnosis	ICD-10-CM
K61.2	Anorectal abscess	Diagnosis	ICD-10-CM
K61.3	Ischiorectal abscess	Diagnosis	ICD-10-CM

**Appendix E. List of International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, Healthcare Common Procedure Coding System (HCPCS), Current Procedural Terminology, Fourth Edition (CPT-4) and Second Edition (CPT Category II) Procedure Codes Used to Define Outcome Criteria in this Request**

<b>Code</b>	<b>Description</b>	<b>Code Category</b>	<b>Code Type</b>
K61.4	Intrasphincteric abscess	Diagnosis	ICD-10-CM
K63.0	Abscess of intestine	Diagnosis	ICD-10-CM
K65.0	Generalized (acute) peritonitis	Diagnosis	ICD-10-CM
K65.1	Peritoneal abscess	Diagnosis	ICD-10-CM
K65.2	Spontaneous bacterial peritonitis	Diagnosis	ICD-10-CM
K65.3	Choleperitonitis	Diagnosis	ICD-10-CM
K65.8	Other peritonitis	Diagnosis	ICD-10-CM
K65.9	Peritonitis, unspecified	Diagnosis	ICD-10-CM
K68.19	Other retroperitoneal abscess	Diagnosis	ICD-10-CM
K75.0	Abscess of liver	Diagnosis	ICD-10-CM
K81.0	Acute cholecystitis	Diagnosis	ICD-10-CM
K81.1	Chronic cholecystitis	Diagnosis	ICD-10-CM
K81.2	Acute cholecystitis with chronic cholecystitis	Diagnosis	ICD-10-CM
K81.9	Cholecystitis, unspecified	Diagnosis	ICD-10-CM
K85.0	Idiopathic acute pancreatitis	Diagnosis	ICD-10-CM
K85.00	Idiopathic acute pancreatitis without necrosis or infection	Diagnosis	ICD-10-CM
K85.01	Idiopathic acute pancreatitis with uninfected necrosis	Diagnosis	ICD-10-CM
K85.02	Idiopathic acute pancreatitis with infected necrosis	Diagnosis	ICD-10-CM
K85.1	Biliary acute pancreatitis	Diagnosis	ICD-10-CM
K85.10	Biliary acute pancreatitis without necrosis or infection	Diagnosis	ICD-10-CM
K85.11	Biliary acute pancreatitis with uninfected necrosis	Diagnosis	ICD-10-CM
K85.12	Biliary acute pancreatitis with infected necrosis	Diagnosis	ICD-10-CM
K85.2	Alcohol induced acute pancreatitis	Diagnosis	ICD-10-CM
K85.20	Alcohol induced acute pancreatitis without necrosis or infection	Diagnosis	ICD-10-CM
K85.21	Alcohol induced acute pancreatitis with uninfected necrosis	Diagnosis	ICD-10-CM
K85.22	Alcohol induced acute pancreatitis with infected necrosis	Diagnosis	ICD-10-CM
K85.3	Drug induced acute pancreatitis	Diagnosis	ICD-10-CM
K85.30	Drug induced acute pancreatitis without necrosis or infection	Diagnosis	ICD-10-CM
K85.31	Drug induced acute pancreatitis with uninfected necrosis	Diagnosis	ICD-10-CM
K85.32	Drug induced acute pancreatitis with infected necrosis	Diagnosis	ICD-10-CM
K85.8	Other acute pancreatitis	Diagnosis	ICD-10-CM
K85.80	Other acute pancreatitis without necrosis or infection	Diagnosis	ICD-10-CM
K85.81	Other acute pancreatitis with uninfected necrosis	Diagnosis	ICD-10-CM
K85.82	Other acute pancreatitis with infected necrosis	Diagnosis	ICD-10-CM
K85.9	Acute pancreatitis, unspecified	Diagnosis	ICD-10-CM
K85.90	Acute pancreatitis without necrosis or infection, unspecified	Diagnosis	ICD-10-CM
K85.91	Acute pancreatitis with uninfected necrosis, unspecified	Diagnosis	ICD-10-CM
K85.92	Acute pancreatitis with infected necrosis, unspecified	Diagnosis	ICD-10-CM
K86.0	Alcohol-induced chronic pancreatitis	Diagnosis	ICD-10-CM
K86.1	Other chronic pancreatitis	Diagnosis	ICD-10-CM

**Appendix E. List of International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, Healthcare Common Procedure Coding System (HCPCS), Current Procedural Terminology, Fourth Edition (CPT-4) and Second Edition (CPT Category II) Procedure Codes Used to Define Outcome Criteria in this Request**

<b>Code</b>	<b>Description</b>	<b>Code Category</b>	<b>Code Type</b>
L00	Staphylococcal scalded skin syndrome	Diagnosis	ICD-10-CM
L01.00	Impetigo, unspecified	Diagnosis	ICD-10-CM
L01.01	Non-bullous impetigo	Diagnosis	ICD-10-CM
L01.02	Bockhart's impetigo	Diagnosis	ICD-10-CM
L01.03	Bullous impetigo	Diagnosis	ICD-10-CM
L01.09	Other impetigo	Diagnosis	ICD-10-CM
L01.1	Impetiginization of other dermatoses	Diagnosis	ICD-10-CM
L02.01	Cutaneous abscess of face	Diagnosis	ICD-10-CM
L02.02	Furuncle of face	Diagnosis	ICD-10-CM
L02.03	Carbuncle of face	Diagnosis	ICD-10-CM
L02.11	Cutaneous abscess of neck	Diagnosis	ICD-10-CM
L02.12	Furuncle of neck	Diagnosis	ICD-10-CM
L02.13	Carbuncle of neck	Diagnosis	ICD-10-CM
L02.211	Cutaneous abscess of abdominal wall	Diagnosis	ICD-10-CM
L02.212	Cutaneous abscess of back [any part, except buttock]	Diagnosis	ICD-10-CM
L02.213	Cutaneous abscess of chest wall	Diagnosis	ICD-10-CM
L02.214	Cutaneous abscess of groin	Diagnosis	ICD-10-CM
L02.215	Cutaneous abscess of perineum	Diagnosis	ICD-10-CM
L02.216	Cutaneous abscess of umbilicus	Diagnosis	ICD-10-CM
L02.219	Cutaneous abscess of trunk, unspecified	Diagnosis	ICD-10-CM
L02.221	Furuncle of abdominal wall	Diagnosis	ICD-10-CM
L02.222	Furuncle of back [any part, except buttock]	Diagnosis	ICD-10-CM
L02.223	Furuncle of chest wall	Diagnosis	ICD-10-CM
L02.224	Furuncle of groin	Diagnosis	ICD-10-CM
L02.225	Furuncle of perineum	Diagnosis	ICD-10-CM
L02.226	Furuncle of umbilicus	Diagnosis	ICD-10-CM
L02.229	Furuncle of trunk, unspecified	Diagnosis	ICD-10-CM
L02.231	Carbuncle of abdominal wall	Diagnosis	ICD-10-CM
L02.232	Carbuncle of back [any part, except buttock]	Diagnosis	ICD-10-CM
L02.233	Carbuncle of chest wall	Diagnosis	ICD-10-CM
L02.234	Carbuncle of groin	Diagnosis	ICD-10-CM
L02.235	Carbuncle of perineum	Diagnosis	ICD-10-CM
L02.236	Carbuncle of umbilicus	Diagnosis	ICD-10-CM
L02.239	Carbuncle of trunk, unspecified	Diagnosis	ICD-10-CM
L02.31	Cutaneous abscess of buttock	Diagnosis	ICD-10-CM
L02.32	Furuncle of buttock	Diagnosis	ICD-10-CM
L02.33	Carbuncle of buttock	Diagnosis	ICD-10-CM
L02.411	Cutaneous abscess of right axilla	Diagnosis	ICD-10-CM
L02.412	Cutaneous abscess of left axilla	Diagnosis	ICD-10-CM
L02.413	Cutaneous abscess of right upper limb	Diagnosis	ICD-10-CM

**Appendix E. List of International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, Healthcare Common Procedure Coding System (HCPCS), Current Procedural Terminology, Fourth Edition (CPT-4) and Second Edition (CPT Category II) Procedure Codes Used to Define Outcome Criteria in this Request**

<b>Code</b>	<b>Description</b>	<b>Code Category</b>	<b>Code Type</b>
L02.414	Cutaneous abscess of left upper limb	Diagnosis	ICD-10-CM
L02.415	Cutaneous abscess of right lower limb	Diagnosis	ICD-10-CM
L02.416	Cutaneous abscess of left lower limb	Diagnosis	ICD-10-CM
L02.419	Cutaneous abscess of limb, unspecified	Diagnosis	ICD-10-CM
L02.421	Furuncle of right axilla	Diagnosis	ICD-10-CM
L02.422	Furuncle of left axilla	Diagnosis	ICD-10-CM
L02.423	Furuncle of right upper limb	Diagnosis	ICD-10-CM
L02.424	Furuncle of left upper limb	Diagnosis	ICD-10-CM
L02.425	Furuncle of right lower limb	Diagnosis	ICD-10-CM
L02.426	Furuncle of left lower limb	Diagnosis	ICD-10-CM
L02.429	Furuncle of limb, unspecified	Diagnosis	ICD-10-CM
L02.431	Carbuncle of right axilla	Diagnosis	ICD-10-CM
L02.432	Carbuncle of left axilla	Diagnosis	ICD-10-CM
L02.433	Carbuncle of right upper limb	Diagnosis	ICD-10-CM
L02.434	Carbuncle of left upper limb	Diagnosis	ICD-10-CM
L02.435	Carbuncle of right lower limb	Diagnosis	ICD-10-CM
L02.436	Carbuncle of left lower limb	Diagnosis	ICD-10-CM
L02.439	Carbuncle of limb, unspecified	Diagnosis	ICD-10-CM
L02.511	Cutaneous abscess of right hand	Diagnosis	ICD-10-CM
L02.512	Cutaneous abscess of left hand	Diagnosis	ICD-10-CM
L02.519	Cutaneous abscess of unspecified hand	Diagnosis	ICD-10-CM
L02.521	Furuncle right hand	Diagnosis	ICD-10-CM
L02.522	Furuncle left hand	Diagnosis	ICD-10-CM
L02.529	Furuncle unspecified hand	Diagnosis	ICD-10-CM
L02.531	Carbuncle of right hand	Diagnosis	ICD-10-CM
L02.532	Carbuncle of left hand	Diagnosis	ICD-10-CM
L02.539	Carbuncle of unspecified hand	Diagnosis	ICD-10-CM
L02.611	Cutaneous abscess of right foot	Diagnosis	ICD-10-CM
L02.612	Cutaneous abscess of left foot	Diagnosis	ICD-10-CM
L02.619	Cutaneous abscess of unspecified foot	Diagnosis	ICD-10-CM
L02.621	Furuncle of right foot	Diagnosis	ICD-10-CM
L02.622	Furuncle of left foot	Diagnosis	ICD-10-CM
L02.629	Furuncle of unspecified foot	Diagnosis	ICD-10-CM
L02.631	Carbuncle of right foot	Diagnosis	ICD-10-CM
L02.632	Carbuncle of left foot	Diagnosis	ICD-10-CM
L02.639	Carbuncle of unspecified foot	Diagnosis	ICD-10-CM
L02.811	Cutaneous abscess of head [any part, except face]	Diagnosis	ICD-10-CM
L02.818	Cutaneous abscess of other sites	Diagnosis	ICD-10-CM
L02.821	Furuncle of head [any part, except face]	Diagnosis	ICD-10-CM
L02.828	Furuncle of other sites	Diagnosis	ICD-10-CM

**Appendix E. List of International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, Healthcare Common Procedure Coding System (HCPCS), Current Procedural Terminology, Fourth Edition (CPT-4) and Second Edition (CPT Category II) Procedure Codes Used to Define Outcome Criteria in this Request**

<b>Code</b>	<b>Description</b>	<b>Code Category</b>	<b>Code Type</b>
L02.831	Carbuncle of head [any part, except face]	Diagnosis	ICD-10-CM
L02.838	Carbuncle of other sites	Diagnosis	ICD-10-CM
L02.91	Cutaneous abscess, unspecified	Diagnosis	ICD-10-CM
L02.92	Furuncle, unspecified	Diagnosis	ICD-10-CM
L02.93	Carbuncle, unspecified	Diagnosis	ICD-10-CM
L03	Cellulitis and acute lymphangitis	Diagnosis	ICD-10-CM
L03.0	Cellulitis and acute lymphangitis of finger and toe	Diagnosis	ICD-10-CM
L03.01	Cellulitis of finger	Diagnosis	ICD-10-CM
L03.011	Cellulitis of right finger	Diagnosis	ICD-10-CM
L03.012	Cellulitis of left finger	Diagnosis	ICD-10-CM
L03.019	Cellulitis of unspecified finger	Diagnosis	ICD-10-CM
L03.021	Acute lymphangitis of right finger	Diagnosis	ICD-10-CM
L03.022	Acute lymphangitis of left finger	Diagnosis	ICD-10-CM
L03.029	Acute lymphangitis of unspecified finger	Diagnosis	ICD-10-CM
L03.03	Cellulitis of toe	Diagnosis	ICD-10-CM
L03.031	Cellulitis of right toe	Diagnosis	ICD-10-CM
L03.032	Cellulitis of left toe	Diagnosis	ICD-10-CM
L03.039	Cellulitis of unspecified toe	Diagnosis	ICD-10-CM
L03.041	Acute lymphangitis of right toe	Diagnosis	ICD-10-CM
L03.042	Acute lymphangitis of left toe	Diagnosis	ICD-10-CM
L03.049	Acute lymphangitis of unspecified toe	Diagnosis	ICD-10-CM
L03.1	Cellulitis and acute lymphangitis of other parts of limb	Diagnosis	ICD-10-CM
L03.11	Cellulitis of other parts of limb	Diagnosis	ICD-10-CM
L03.111	Cellulitis of right axilla	Diagnosis	ICD-10-CM
L03.112	Cellulitis of left axilla	Diagnosis	ICD-10-CM
L03.113	Cellulitis of right upper limb	Diagnosis	ICD-10-CM
L03.114	Cellulitis of left upper limb	Diagnosis	ICD-10-CM
L03.115	Cellulitis of right lower limb	Diagnosis	ICD-10-CM
L03.116	Cellulitis of left lower limb	Diagnosis	ICD-10-CM
L03.119	Cellulitis of unspecified part of limb	Diagnosis	ICD-10-CM
L03.121	Acute lymphangitis of right axilla	Diagnosis	ICD-10-CM
L03.122	Acute lymphangitis of left axilla	Diagnosis	ICD-10-CM
L03.123	Acute lymphangitis of right upper limb	Diagnosis	ICD-10-CM
L03.124	Acute lymphangitis of left upper limb	Diagnosis	ICD-10-CM
L03.125	Acute lymphangitis of right lower limb	Diagnosis	ICD-10-CM
L03.126	Acute lymphangitis of left lower limb	Diagnosis	ICD-10-CM
L03.129	Acute lymphangitis of unspecified part of limb	Diagnosis	ICD-10-CM
L03.2	Cellulitis and acute lymphangitis of face and neck	Diagnosis	ICD-10-CM
L03.21	Cellulitis and acute lymphangitis of face	Diagnosis	ICD-10-CM
L03.211	Cellulitis of face	Diagnosis	ICD-10-CM

**Appendix E. List of International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, Healthcare Common Procedure Coding System (HCPCS), Current Procedural Terminology, Fourth Edition (CPT-4) and Second Edition (CPT Category II) Procedure Codes Used to Define Outcome Criteria in this Request**

<b>Code</b>	<b>Description</b>	<b>Code Category</b>	<b>Code Type</b>
L03.212	Acute lymphangitis of face	Diagnosis	ICD-10-CM
L03.213	Periorbital cellulitis	Diagnosis	ICD-10-CM
L03.22	Cellulitis and acute lymphangitis of neck	Diagnosis	ICD-10-CM
L03.221	Cellulitis of neck	Diagnosis	ICD-10-CM
L03.222	Acute lymphangitis of neck	Diagnosis	ICD-10-CM
L03.3	Cellulitis and acute lymphangitis of trunk	Diagnosis	ICD-10-CM
L03.31	Cellulitis of trunk	Diagnosis	ICD-10-CM
L03.311	Cellulitis of abdominal wall	Diagnosis	ICD-10-CM
L03.312	Cellulitis of back [any part except buttock]	Diagnosis	ICD-10-CM
L03.313	Cellulitis of chest wall	Diagnosis	ICD-10-CM
L03.314	Cellulitis of groin	Diagnosis	ICD-10-CM
L03.315	Cellulitis of perineum	Diagnosis	ICD-10-CM
L03.316	Cellulitis of umbilicus	Diagnosis	ICD-10-CM
L03.317	Cellulitis of buttock	Diagnosis	ICD-10-CM
L03.319	Cellulitis of trunk, unspecified	Diagnosis	ICD-10-CM
L03.321	Acute lymphangitis of abdominal wall	Diagnosis	ICD-10-CM
L03.322	Acute lymphangitis of back [any part except buttock]	Diagnosis	ICD-10-CM
L03.323	Acute lymphangitis of chest wall	Diagnosis	ICD-10-CM
L03.324	Acute lymphangitis of groin	Diagnosis	ICD-10-CM
L03.325	Acute lymphangitis of perineum	Diagnosis	ICD-10-CM
L03.326	Acute lymphangitis of umbilicus	Diagnosis	ICD-10-CM
L03.327	Acute lymphangitis of buttock	Diagnosis	ICD-10-CM
L03.329	Acute lymphangitis of trunk, unspecified	Diagnosis	ICD-10-CM
L03.8	Cellulitis and acute lymphangitis of other sites	Diagnosis	ICD-10-CM
L03.81	Cellulitis of other sites	Diagnosis	ICD-10-CM
L03.811	Cellulitis of head [any part, except face]	Diagnosis	ICD-10-CM
L03.818	Cellulitis of other sites	Diagnosis	ICD-10-CM
L03.891	Acute lymphangitis of head [any part, except face]	Diagnosis	ICD-10-CM
L03.898	Acute lymphangitis of other sites	Diagnosis	ICD-10-CM
L03.9	Cellulitis and acute lymphangitis, unspecified	Diagnosis	ICD-10-CM
L03.90	Cellulitis, unspecified	Diagnosis	ICD-10-CM
L03.91	Acute lymphangitis, unspecified	Diagnosis	ICD-10-CM
L04.0	Acute lymphadenitis of face, head and neck	Diagnosis	ICD-10-CM
L04.1	Acute lymphadenitis of trunk	Diagnosis	ICD-10-CM
L04.2	Acute lymphadenitis of upper limb	Diagnosis	ICD-10-CM
L04.3	Acute lymphadenitis of lower limb	Diagnosis	ICD-10-CM
L04.8	Acute lymphadenitis of other sites	Diagnosis	ICD-10-CM
L04.9	Acute lymphadenitis, unspecified	Diagnosis	ICD-10-CM
L05.01	Pilonidal cyst with abscess	Diagnosis	ICD-10-CM
L05.02	Pilonidal sinus with abscess	Diagnosis	ICD-10-CM



**Appendix E. List of International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, Healthcare Common Procedure Coding System (HCPCS), Current Procedural Terminology, Fourth Edition (CPT-4) and Second Edition (CPT Category II) Procedure Codes Used to Define Outcome Criteria in this Request**

<b>Code</b>	<b>Description</b>	<b>Code Category</b>	<b>Code Type</b>
L05.91	Pilonidal cyst without abscess	Diagnosis	ICD-10-CM
L05.92	Pilonidal sinus without abscess	Diagnosis	ICD-10-CM
L08.0	Pyoderma	Diagnosis	ICD-10-CM
L08.1	Erythrasma	Diagnosis	ICD-10-CM
L08.8	Other specified local infections of the skin and subcutaneous tissue	Diagnosis	ICD-10-CM
L08.81	Pyoderma vegetans	Diagnosis	ICD-10-CM
L08.82	Omphalitis not of newborn	Diagnosis	ICD-10-CM
L08.89	Other specified local infections of the skin and subcutaneous tissue	Diagnosis	ICD-10-CM
L08.9	Local infection of the skin and subcutaneous tissue, unspecified	Diagnosis	ICD-10-CM
M00.00	Staphylococcal arthritis, unspecified joint	Diagnosis	ICD-10-CM
M00.011	Staphylococcal arthritis, right shoulder	Diagnosis	ICD-10-CM
M00.012	Staphylococcal arthritis, left shoulder	Diagnosis	ICD-10-CM
M00.019	Staphylococcal arthritis, unspecified shoulder	Diagnosis	ICD-10-CM
M00.021	Staphylococcal arthritis, right elbow	Diagnosis	ICD-10-CM
M00.022	Staphylococcal arthritis, left elbow	Diagnosis	ICD-10-CM
M00.029	Staphylococcal arthritis, unspecified elbow	Diagnosis	ICD-10-CM
M00.031	Staphylococcal arthritis, right wrist	Diagnosis	ICD-10-CM
M00.032	Staphylococcal arthritis, left wrist	Diagnosis	ICD-10-CM
M00.039	Staphylococcal arthritis, unspecified wrist	Diagnosis	ICD-10-CM
M00.041	Staphylococcal arthritis, right hand	Diagnosis	ICD-10-CM
M00.042	Staphylococcal arthritis, left hand	Diagnosis	ICD-10-CM
M00.049	Staphylococcal arthritis, unspecified hand	Diagnosis	ICD-10-CM
M00.051	Staphylococcal arthritis, right hip	Diagnosis	ICD-10-CM
M00.052	Staphylococcal arthritis, left hip	Diagnosis	ICD-10-CM
M00.059	Staphylococcal arthritis, unspecified hip	Diagnosis	ICD-10-CM
M00.061	Staphylococcal arthritis, right knee	Diagnosis	ICD-10-CM
M00.062	Staphylococcal arthritis, left knee	Diagnosis	ICD-10-CM
M00.069	Staphylococcal arthritis, unspecified knee	Diagnosis	ICD-10-CM
M00.071	Staphylococcal arthritis, right ankle and foot	Diagnosis	ICD-10-CM
M00.072	Staphylococcal arthritis, left ankle and foot	Diagnosis	ICD-10-CM
M00.079	Staphylococcal arthritis, unspecified ankle and foot	Diagnosis	ICD-10-CM
M00.08	Staphylococcal arthritis, vertebrae	Diagnosis	ICD-10-CM
M00.09	Staphylococcal polyarthritis	Diagnosis	ICD-10-CM
M00.10	Pneumococcal arthritis, unspecified joint	Diagnosis	ICD-10-CM
M00.111	Pneumococcal arthritis, right shoulder	Diagnosis	ICD-10-CM
M00.112	Pneumococcal arthritis, left shoulder	Diagnosis	ICD-10-CM
M00.119	Pneumococcal arthritis, unspecified shoulder	Diagnosis	ICD-10-CM
M00.121	Pneumococcal arthritis, right elbow	Diagnosis	ICD-10-CM
M00.122	Pneumococcal arthritis, left elbow	Diagnosis	ICD-10-CM
M00.129	Pneumococcal arthritis, unspecified elbow	Diagnosis	ICD-10-CM

**Appendix E. List of International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, Healthcare Common Procedure Coding System (HCPCS), Current Procedural Terminology, Fourth Edition (CPT-4) and Second Edition (CPT Category II) Procedure Codes Used to Define Outcome Criteria in this Request**

<b>Code</b>	<b>Description</b>	<b>Code Category</b>	<b>Code Type</b>
M00.131	Pneumococcal arthritis, right wrist	Diagnosis	ICD-10-CM
M00.132	Pneumococcal arthritis, left wrist	Diagnosis	ICD-10-CM
M00.139	Pneumococcal arthritis, unspecified wrist	Diagnosis	ICD-10-CM
M00.141	Pneumococcal arthritis, right hand	Diagnosis	ICD-10-CM
M00.142	Pneumococcal arthritis, left hand	Diagnosis	ICD-10-CM
M00.149	Pneumococcal arthritis, unspecified hand	Diagnosis	ICD-10-CM
M00.151	Pneumococcal arthritis, right hip	Diagnosis	ICD-10-CM
M00.152	Pneumococcal arthritis, left hip	Diagnosis	ICD-10-CM
M00.159	Pneumococcal arthritis, unspecified hip	Diagnosis	ICD-10-CM
M00.161	Pneumococcal arthritis, right knee	Diagnosis	ICD-10-CM
M00.162	Pneumococcal arthritis, left knee	Diagnosis	ICD-10-CM
M00.169	Pneumococcal arthritis, unspecified knee	Diagnosis	ICD-10-CM
M00.171	Pneumococcal arthritis, right ankle and foot	Diagnosis	ICD-10-CM
M00.172	Pneumococcal arthritis, left ankle and foot	Diagnosis	ICD-10-CM
M00.179	Pneumococcal arthritis, unspecified ankle and foot	Diagnosis	ICD-10-CM
M00.18	Pneumococcal arthritis, vertebrae	Diagnosis	ICD-10-CM
M00.19	Pneumococcal polyarthritis	Diagnosis	ICD-10-CM
M00.20	Other streptococcal arthritis, unspecified joint	Diagnosis	ICD-10-CM
M00.211	Other streptococcal arthritis, right shoulder	Diagnosis	ICD-10-CM
M00.212	Other streptococcal arthritis, left shoulder	Diagnosis	ICD-10-CM
M00.219	Other streptococcal arthritis, unspecified shoulder	Diagnosis	ICD-10-CM
M00.221	Other streptococcal arthritis, right elbow	Diagnosis	ICD-10-CM
M00.222	Other streptococcal arthritis, left elbow	Diagnosis	ICD-10-CM
M00.229	Other streptococcal arthritis, unspecified elbow	Diagnosis	ICD-10-CM
M00.231	Other streptococcal arthritis, right wrist	Diagnosis	ICD-10-CM
M00.232	Other streptococcal arthritis, left wrist	Diagnosis	ICD-10-CM
M00.239	Other streptococcal arthritis, unspecified wrist	Diagnosis	ICD-10-CM
M00.241	Other streptococcal arthritis, right hand	Diagnosis	ICD-10-CM
M00.242	Other streptococcal arthritis, left hand	Diagnosis	ICD-10-CM
M00.249	Other streptococcal arthritis, unspecified hand	Diagnosis	ICD-10-CM
M00.251	Other streptococcal arthritis, right hip	Diagnosis	ICD-10-CM
M00.252	Other streptococcal arthritis, left hip	Diagnosis	ICD-10-CM
M00.259	Other streptococcal arthritis, unspecified hip	Diagnosis	ICD-10-CM
M00.261	Other streptococcal arthritis, right knee	Diagnosis	ICD-10-CM
M00.262	Other streptococcal arthritis, left knee	Diagnosis	ICD-10-CM
M00.269	Other streptococcal arthritis, unspecified knee	Diagnosis	ICD-10-CM
M00.271	Other streptococcal arthritis, right ankle and foot	Diagnosis	ICD-10-CM
M00.272	Other streptococcal arthritis, left ankle and foot	Diagnosis	ICD-10-CM
M00.279	Other streptococcal arthritis, unspecified ankle and foot	Diagnosis	ICD-10-CM
M00.28	Other streptococcal arthritis, vertebrae	Diagnosis	ICD-10-CM



**Appendix E. List of International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, Healthcare Common Procedure Coding System (HCPCS), Current Procedural Terminology, Fourth Edition (CPT-4) and Second Edition (CPT Category II) Procedure Codes Used to Define Outcome Criteria in this Request**

<b>Code</b>	<b>Description</b>	<b>Code Category</b>	<b>Code Type</b>
M00.29	Other streptococcal polyarthrititis	Diagnosis	ICD-10-CM
M04.1	Periodic fever syndromes	Diagnosis	ICD-10-CM
M46.20	Osteomyelitis of vertebra, site unspecified	Diagnosis	ICD-10-CM
M46.21	Osteomyelitis of vertebra, occipito-atlanto-axial region	Diagnosis	ICD-10-CM
M46.22	Osteomyelitis of vertebra, cervical region	Diagnosis	ICD-10-CM
M46.23	Osteomyelitis of vertebra, cervicothoracic region	Diagnosis	ICD-10-CM
M46.24	Osteomyelitis of vertebra, thoracic region	Diagnosis	ICD-10-CM
M46.25	Osteomyelitis of vertebra, thoracolumbar region	Diagnosis	ICD-10-CM
M46.26	Osteomyelitis of vertebra, lumbar region	Diagnosis	ICD-10-CM
M46.27	Osteomyelitis of vertebra, lumbosacral region	Diagnosis	ICD-10-CM
M46.28	Osteomyelitis of vertebra, sacral and sacrococcygeal region	Diagnosis	ICD-10-CM
M60.0	Infective myositis	Diagnosis	ICD-10-CM
M60.00	Infective myositis, unspecified site	Diagnosis	ICD-10-CM
M60.000	Infective myositis, unspecified right arm	Diagnosis	ICD-10-CM
M60.001	Infective myositis, unspecified left arm	Diagnosis	ICD-10-CM
M60.002	Infective myositis, unspecified arm	Diagnosis	ICD-10-CM
M60.003	Infective myositis, unspecified right leg	Diagnosis	ICD-10-CM
M60.004	Infective myositis, unspecified left leg	Diagnosis	ICD-10-CM
M60.005	Infective myositis, unspecified leg	Diagnosis	ICD-10-CM
M60.009	Infective myositis, unspecified site	Diagnosis	ICD-10-CM
M60.01	Infective myositis, shoulder	Diagnosis	ICD-10-CM
M60.011	Infective myositis, right shoulder	Diagnosis	ICD-10-CM
M60.012	Infective myositis, left shoulder	Diagnosis	ICD-10-CM
M60.019	Infective myositis, unspecified shoulder	Diagnosis	ICD-10-CM
M60.02	Infective myositis, upper arm	Diagnosis	ICD-10-CM
M60.021	Infective myositis, right upper arm	Diagnosis	ICD-10-CM
M60.022	Infective myositis, left upper arm	Diagnosis	ICD-10-CM
M60.029	Infective myositis, unspecified upper arm	Diagnosis	ICD-10-CM
M60.03	Infective myositis, forearm	Diagnosis	ICD-10-CM
M60.031	Infective myositis, right forearm	Diagnosis	ICD-10-CM
M60.032	Infective myositis, left forearm	Diagnosis	ICD-10-CM
M60.039	Infective myositis, unspecified forearm	Diagnosis	ICD-10-CM
M60.04	Infective myositis, hand and fingers	Diagnosis	ICD-10-CM
M60.041	Infective myositis, right hand	Diagnosis	ICD-10-CM
M60.042	Infective myositis, left hand	Diagnosis	ICD-10-CM
M60.043	Infective myositis, unspecified hand	Diagnosis	ICD-10-CM
M60.044	Infective myositis, right finger(s)	Diagnosis	ICD-10-CM
M60.045	Infective myositis, left finger(s)	Diagnosis	ICD-10-CM
M60.046	Infective myositis, unspecified finger(s)	Diagnosis	ICD-10-CM
M60.05	Infective myositis, thigh	Diagnosis	ICD-10-CM

**Appendix E. List of International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, Healthcare Common Procedure Coding System (HCPCS), Current Procedural Terminology, Fourth Edition (CPT-4) and Second Edition (CPT Category II) Procedure Codes Used to Define Outcome Criteria in this Request**

<b>Code</b>	<b>Description</b>	<b>Code Category</b>	<b>Code Type</b>
M60.051	Infective myositis, right thigh	Diagnosis	ICD-10-CM
M60.052	Infective myositis, left thigh	Diagnosis	ICD-10-CM
M60.059	Infective myositis, unspecified thigh	Diagnosis	ICD-10-CM
M60.06	Infective myositis, lower leg	Diagnosis	ICD-10-CM
M60.061	Infective myositis, right lower leg	Diagnosis	ICD-10-CM
M60.062	Infective myositis, left lower leg	Diagnosis	ICD-10-CM
M60.069	Infective myositis, unspecified lower leg	Diagnosis	ICD-10-CM
M60.07	Infective myositis, ankle, foot and toes	Diagnosis	ICD-10-CM
M60.070	Infective myositis, right ankle	Diagnosis	ICD-10-CM
M60.071	Infective myositis, left ankle	Diagnosis	ICD-10-CM
M60.072	Infective myositis, unspecified ankle	Diagnosis	ICD-10-CM
M60.073	Infective myositis, right foot	Diagnosis	ICD-10-CM
M60.074	Infective myositis, left foot	Diagnosis	ICD-10-CM
M60.075	Infective myositis, unspecified foot	Diagnosis	ICD-10-CM
M60.076	Infective myositis, right toe(s)	Diagnosis	ICD-10-CM
M60.077	Infective myositis, left toe(s)	Diagnosis	ICD-10-CM
M60.078	Infective myositis, unspecified toe(s)	Diagnosis	ICD-10-CM
M60.08	Infective myositis, other site	Diagnosis	ICD-10-CM
M60.09	Infective myositis, multiple sites	Diagnosis	ICD-10-CM
M72.6	Necrotizing fasciitis	Diagnosis	ICD-10-CM
M86.00	Acute hematogenous osteomyelitis, unspecified site	Diagnosis	ICD-10-CM
M86.011	Acute hematogenous osteomyelitis, right shoulder	Diagnosis	ICD-10-CM
M86.012	Acute hematogenous osteomyelitis, left shoulder	Diagnosis	ICD-10-CM
M86.019	Acute hematogenous osteomyelitis, unspecified shoulder	Diagnosis	ICD-10-CM
M86.021	Acute hematogenous osteomyelitis, right humerus	Diagnosis	ICD-10-CM
M86.022	Acute hematogenous osteomyelitis, left humerus	Diagnosis	ICD-10-CM
M86.029	Acute hematogenous osteomyelitis, unspecified humerus	Diagnosis	ICD-10-CM
M86.031	Acute hematogenous osteomyelitis, right radius and ulna	Diagnosis	ICD-10-CM
M86.032	Acute hematogenous osteomyelitis, left radius and ulna	Diagnosis	ICD-10-CM
M86.039	Acute hematogenous osteomyelitis, unspecified radius and ulna	Diagnosis	ICD-10-CM
M86.041	Acute hematogenous osteomyelitis, right hand	Diagnosis	ICD-10-CM
M86.042	Acute hematogenous osteomyelitis, left hand	Diagnosis	ICD-10-CM
M86.049	Acute hematogenous osteomyelitis, unspecified hand	Diagnosis	ICD-10-CM
M86.051	Acute hematogenous osteomyelitis, right femur	Diagnosis	ICD-10-CM
M86.052	Acute hematogenous osteomyelitis, left femur	Diagnosis	ICD-10-CM
M86.059	Acute hematogenous osteomyelitis, unspecified femur	Diagnosis	ICD-10-CM
M86.061	Acute hematogenous osteomyelitis, right tibia and fibula	Diagnosis	ICD-10-CM
M86.062	Acute hematogenous osteomyelitis, left tibia and fibula	Diagnosis	ICD-10-CM
M86.069	Acute hematogenous osteomyelitis, unspecified tibia and fibula	Diagnosis	ICD-10-CM
M86.071	Acute hematogenous osteomyelitis, right ankle and foot	Diagnosis	ICD-10-CM

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<b>Code</b>	<b>Description</b>	<b>Code Category</b>	<b>Code Type</b>
M86.072	Acute hematogenous osteomyelitis, left ankle and foot	Diagnosis	ICD-10-CM
M86.079	Acute hematogenous osteomyelitis, unspecified ankle and foot	Diagnosis	ICD-10-CM
M86.08	Acute hematogenous osteomyelitis, other sites	Diagnosis	ICD-10-CM
M86.09	Acute hematogenous osteomyelitis, multiple sites	Diagnosis	ICD-10-CM
M86.1	Other acute osteomyelitis	Diagnosis	ICD-10-CM
M86.10	Other acute osteomyelitis, unspecified site	Diagnosis	ICD-10-CM
M86.11	Other acute osteomyelitis, shoulder	Diagnosis	ICD-10-CM
M86.111	Other acute osteomyelitis, right shoulder	Diagnosis	ICD-10-CM
M86.112	Other acute osteomyelitis, left shoulder	Diagnosis	ICD-10-CM
M86.119	Other acute osteomyelitis, unspecified shoulder	Diagnosis	ICD-10-CM
M86.12	Other acute osteomyelitis, humerus	Diagnosis	ICD-10-CM
M86.121	Other acute osteomyelitis, right humerus	Diagnosis	ICD-10-CM
M86.122	Other acute osteomyelitis, left humerus	Diagnosis	ICD-10-CM
M86.129	Other acute osteomyelitis, unspecified humerus	Diagnosis	ICD-10-CM
M86.13	Other acute osteomyelitis, radius and ulna	Diagnosis	ICD-10-CM
M86.131	Other acute osteomyelitis, right radius and ulna	Diagnosis	ICD-10-CM
M86.132	Other acute osteomyelitis, left radius and ulna	Diagnosis	ICD-10-CM
M86.139	Other acute osteomyelitis, unspecified radius and ulna	Diagnosis	ICD-10-CM
M86.14	Other acute osteomyelitis, hand	Diagnosis	ICD-10-CM
M86.141	Other acute osteomyelitis, right hand	Diagnosis	ICD-10-CM
M86.142	Other acute osteomyelitis, left hand	Diagnosis	ICD-10-CM
M86.149	Other acute osteomyelitis, unspecified hand	Diagnosis	ICD-10-CM
M86.15	Other acute osteomyelitis, femur	Diagnosis	ICD-10-CM
M86.151	Other acute osteomyelitis, right femur	Diagnosis	ICD-10-CM
M86.152	Other acute osteomyelitis, left femur	Diagnosis	ICD-10-CM
M86.159	Other acute osteomyelitis, unspecified femur	Diagnosis	ICD-10-CM
M86.16	Other acute osteomyelitis, tibia and fibula	Diagnosis	ICD-10-CM
M86.161	Other acute osteomyelitis, right tibia and fibula	Diagnosis	ICD-10-CM
M86.162	Other acute osteomyelitis, left tibia and fibula	Diagnosis	ICD-10-CM
M86.169	Other acute osteomyelitis, unspecified tibia and fibula	Diagnosis	ICD-10-CM
M86.17	Other acute osteomyelitis, ankle and foot	Diagnosis	ICD-10-CM
M86.171	Other acute osteomyelitis, right ankle and foot	Diagnosis	ICD-10-CM
M86.172	Other acute osteomyelitis, left ankle and foot	Diagnosis	ICD-10-CM
M86.179	Other acute osteomyelitis, unspecified ankle and foot	Diagnosis	ICD-10-CM
M86.18	Other acute osteomyelitis, other site	Diagnosis	ICD-10-CM
M86.19	Other acute osteomyelitis, multiple sites	Diagnosis	ICD-10-CM
M86.20	Subacute osteomyelitis, unspecified site	Diagnosis	ICD-10-CM
M86.211	Subacute osteomyelitis, right shoulder	Diagnosis	ICD-10-CM
M86.212	Subacute osteomyelitis, left shoulder	Diagnosis	ICD-10-CM
M86.219	Subacute osteomyelitis, unspecified shoulder	Diagnosis	ICD-10-CM

**Appendix E. List of International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, Healthcare Common Procedure Coding System (HCPCS), Current Procedural Terminology, Fourth Edition (CPT-4) and Second Edition (CPT Category II) Procedure Codes Used to Define Outcome Criteria in this Request**

<b>Code</b>	<b>Description</b>	<b>Code Category</b>	<b>Code Type</b>
M86.221	Subacute osteomyelitis, right humerus	Diagnosis	ICD-10-CM
M86.222	Subacute osteomyelitis, left humerus	Diagnosis	ICD-10-CM
M86.229	Subacute osteomyelitis, unspecified humerus	Diagnosis	ICD-10-CM
M86.231	Subacute osteomyelitis, right radius and ulna	Diagnosis	ICD-10-CM
M86.232	Subacute osteomyelitis, left radius and ulna	Diagnosis	ICD-10-CM
M86.239	Subacute osteomyelitis, unspecified radius and ulna	Diagnosis	ICD-10-CM
M86.241	Subacute osteomyelitis, right hand	Diagnosis	ICD-10-CM
M86.242	Subacute osteomyelitis, left hand	Diagnosis	ICD-10-CM
M86.249	Subacute osteomyelitis, unspecified hand	Diagnosis	ICD-10-CM
M86.251	Subacute osteomyelitis, right femur	Diagnosis	ICD-10-CM
M86.252	Subacute osteomyelitis, left femur	Diagnosis	ICD-10-CM
M86.259	Subacute osteomyelitis, unspecified femur	Diagnosis	ICD-10-CM
M86.261	Subacute osteomyelitis, right tibia and fibula	Diagnosis	ICD-10-CM
M86.262	Subacute osteomyelitis, left tibia and fibula	Diagnosis	ICD-10-CM
M86.269	Subacute osteomyelitis, unspecified tibia and fibula	Diagnosis	ICD-10-CM
M86.271	Subacute osteomyelitis, right ankle and foot	Diagnosis	ICD-10-CM
M86.272	Subacute osteomyelitis, left ankle and foot	Diagnosis	ICD-10-CM
M86.279	Subacute osteomyelitis, unspecified ankle and foot	Diagnosis	ICD-10-CM
M86.28	Subacute osteomyelitis, other site	Diagnosis	ICD-10-CM
M86.29	Subacute osteomyelitis, multiple sites	Diagnosis	ICD-10-CM
M86.8X0	Other osteomyelitis, multiple sites	Diagnosis	ICD-10-CM
M86.8X1	Other osteomyelitis, shoulder	Diagnosis	ICD-10-CM
M86.8X2	Other osteomyelitis, upper arm	Diagnosis	ICD-10-CM
M86.8X3	Other osteomyelitis, forearm	Diagnosis	ICD-10-CM
M86.8X4	Other osteomyelitis, hand	Diagnosis	ICD-10-CM
M86.8X5	Other osteomyelitis, thigh	Diagnosis	ICD-10-CM
M86.8X6	Other osteomyelitis, lower leg	Diagnosis	ICD-10-CM
M86.8X7	Other osteomyelitis, ankle and foot	Diagnosis	ICD-10-CM
M86.8X8	Other osteomyelitis, other site	Diagnosis	ICD-10-CM
M86.8X9	Other osteomyelitis, unspecified sites	Diagnosis	ICD-10-CM
M86.9	Osteomyelitis, unspecified	Diagnosis	ICD-10-CM
N10	Acute pyelonephritis	Diagnosis	ICD-10-CM
N16	Renal tubulo-interstitial disorders in diseases classified elsewhere	Diagnosis	ICD-10-CM
N34.0	Urethral abscess	Diagnosis	ICD-10-CM
N39.0	Urinary tract infection, site not specified	Diagnosis	ICD-10-CM
N48.21	Abscess of corpus cavernosum and penis	Diagnosis	ICD-10-CM
N48.22	Cellulitis of corpus cavernosum and penis	Diagnosis	ICD-10-CM
N61.0	Mastitis without abscess	Diagnosis	ICD-10-CM
N61.1	Abscess of the breast and nipple	Diagnosis	ICD-10-CM
N73.0	Acute parametritis and pelvic cellulitis	Diagnosis	ICD-10-CM

**Appendix E. List of International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, Healthcare Common Procedure Coding System (HCPCS), Current Procedural Terminology, Fourth Edition (CPT-4) and Second Edition (CPT Category II) Procedure Codes Used to Define Outcome Criteria in this Request**

<b>Code</b>	<b>Description</b>	<b>Code Category</b>	<b>Code Type</b>
N73.2	Unspecified parametritis and pelvic cellulitis	Diagnosis	ICD-10-CM
P35.0	Congenital rubella syndrome	Diagnosis	ICD-10-CM
P35.1	Congenital cytomegalovirus infection	Diagnosis	ICD-10-CM
P35.2	Congenital herpesviral [herpes simplex] infection	Diagnosis	ICD-10-CM
P35.3	Congenital viral hepatitis	Diagnosis	ICD-10-CM
P35.8	Other congenital viral diseases	Diagnosis	ICD-10-CM
P35.9	Congenital viral disease, unspecified	Diagnosis	ICD-10-CM
P36.0	Sepsis of newborn due to streptococcus, group B	Diagnosis	ICD-10-CM
P36.10	Sepsis of newborn due to unspecified streptococci	Diagnosis	ICD-10-CM
P36.19	Sepsis of newborn due to other streptococci	Diagnosis	ICD-10-CM
P36.2	Sepsis of newborn due to Staphylococcus aureus	Diagnosis	ICD-10-CM
P36.30	Sepsis of newborn due to unspecified staphylococci	Diagnosis	ICD-10-CM
P36.39	Sepsis of newborn due to other staphylococci	Diagnosis	ICD-10-CM
P36.4	Sepsis of newborn due to Escherichia coli	Diagnosis	ICD-10-CM
P36.5	Sepsis of newborn due to anaerobes	Diagnosis	ICD-10-CM
P36.8	Other bacterial sepsis of newborn	Diagnosis	ICD-10-CM
P36.9	Bacterial sepsis of newborn, unspecified	Diagnosis	ICD-10-CM
P37.0	Congenital tuberculosis	Diagnosis	ICD-10-CM
P37.1	Congenital toxoplasmosis	Diagnosis	ICD-10-CM
P37.2	Neonatal (disseminated) listeriosis	Diagnosis	ICD-10-CM
P37.3	Congenital falciparum malaria	Diagnosis	ICD-10-CM
P37.4	Other congenital malaria	Diagnosis	ICD-10-CM
P37.5	Neonatal candidiasis	Diagnosis	ICD-10-CM
P37.8	Other specified congenital infectious and parasitic diseases	Diagnosis	ICD-10-CM
P37.9	Congenital infectious or parasitic disease, unspecified	Diagnosis	ICD-10-CM
P38.1	Omphalitis with mild hemorrhage	Diagnosis	ICD-10-CM
P38.9	Omphalitis without hemorrhage	Diagnosis	ICD-10-CM
P39.0	Neonatal infective mastitis	Diagnosis	ICD-10-CM
P39.1	Neonatal conjunctivitis and dacryocystitis	Diagnosis	ICD-10-CM
P39.2	Intra-amniotic infection affecting newborn, not elsewhere classified	Diagnosis	ICD-10-CM
P39.3	Neonatal urinary tract infection	Diagnosis	ICD-10-CM
P39.4	Neonatal skin infection	Diagnosis	ICD-10-CM
P39.8	Other specified infections specific to the perinatal period	Diagnosis	ICD-10-CM
P39.9	Infection specific to the perinatal period, unspecified	Diagnosis	ICD-10-CM
R50.2	Drug induced fever	Diagnosis	ICD-10-CM
R50.81	Fever presenting with conditions classified elsewhere	Diagnosis	ICD-10-CM
R50.9	Fever, unspecified	Diagnosis	ICD-10-CM
R65.20	Severe sepsis without septic shock	Diagnosis	ICD-10-CM
R65.21	Severe sepsis with septic shock	Diagnosis	ICD-10-CM
R78.81	Bacteremia	Diagnosis	ICD-10-CM

**Appendix E. List of International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, Healthcare Common Procedure Coding System (HCPCS), Current Procedural Terminology, Fourth Edition (CPT-4) and Second Edition (CPT Category II) Procedure Codes Used to Define Outcome Criteria in this Request**

Code	Description	Code Category	Code Type
<b>Antimicrobials</b>			
94642	Aerosol inhalation of pentamidine for pneumocystis carinii pneumonia treatment or prophylaxis	Procedure	CPT-4
99563	Home administration of aerosolized pentamidine, per visit	Procedure	CPT-4
4041F	Documentation of order for cefazolin OR cefuroxime for antimicrobial prophylaxis (PERI 2)	Procedure	CPT Category II
4047F	Documentation of order for prophylactic parenteral antibiotics to be given within 1 hour (if fluoroquinolone or vancomycin, 2 hours) prior to surgical incision (or start of procedure when no incision is required) (PERI 2)	Procedure	CPT Category II
4048F	Documentation that administration of prophylactic parenteral antibiotic was initiated within 1 hour (if fluoroquinolone or vancomycin, 2 hours) prior to surgical incision (or start of procedure when no incision is required) as ordered (PERI 2)	Procedure	CPT Category II
4153F	Combination peginterferon and ribavirin therapy prescribed (HEP-C)	Procedure	CPT Category II
C1024	Quinopristin/dalfopristin, 10ml, synercid iv	Procedure	HCPCS
C9001	Linezolid injection, per 200mg	Procedure	HCPCS
C9019	Injection, caspofungin acetate, 5 mg	Procedure	HCPCS
C9116	Injection, ertapenem sodium, per 1 gram vial	Procedure	HCPCS
C9443	Injection, dalbavancin, 10 mg	Procedure	HCPCS
C9446	Injection, tedizolid phosphate, 1 mg	Procedure	HCPCS
C9451	Injection, peramivir, 1 mg	Procedure	HCPCS
C9452	Injection, ceftolozane 50 mg and tazobactam 25 mg	Procedure	HCPCS
C9456	Injection, isavuconazonium sulfate, 1 mg	Procedure	HCPCS
G9018	Zanamivir, inhalation powder, administered through inhaler, per 10 mg (for use in a Medicare-approved demonstration project)	Procedure	HCPCS
G9019	Oseltamivir phosphate, oral, per 75 mg (for use in a Medicare-approved demonstration project)	Procedure	HCPCS
G9020	Rimantadine HCl, oral, per 100 mg (for use in a Medicare-approved demonstration project)	Procedure	HCPCS
G9034	Zanamivir, inhalation powder, administered through inhaler, brand, per 10 mg (for use in a Medicare-approved demonstration project)	Procedure	HCPCS
G9035	Oseltamivir phosphate, oral, brand, per 75 mg (for use in a Medicare-approved demonstration project)	Procedure	HCPCS
G9036	Rimantadine HCl, oral, brand, per 100 mg (for use in a Medicare-approved demonstration project)	Procedure	HCPCS
G9315	Documentation amoxicillin, with or without clavulanate, prescribed as a first line antibiotic at the time of diagnosis	Procedure	HCPCS
J0120	Injection, tetracycline, up to 250 mg	Procedure	HCPCS
J0133	Injection, acyclovir, 5 mg	Procedure	HCPCS
J0200	Injection, alatrofloxacin mesylate, 100 mg	Procedure	HCPCS
J0278	Injection, amikacin sulfate, 100 mg	Procedure	HCPCS



**Appendix E. List of International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, Healthcare Common Procedure Coding System (HCPCS), Current Procedural Terminology, Fourth Edition (CPT-4) and Second Edition (CPT Category II) Procedure Codes Used to Define Outcome Criteria in this Request**

<b>Code</b>	<b>Description</b>	<b>Code Category</b>	<b>Code Type</b>
J0285	Injection, amphotericin B, 50 mg	Procedure	HCPCS
J0286	Injection, amphotericin b, any lipid formulation, 50 mg	Procedure	HCPCS
J0287	Injection, amphotericin B lipid complex, 10 mg	Procedure	HCPCS
J0288	Injection, amphotericin B cholesteryl sulfate complex, 10 mg	Procedure	HCPCS
J0289	Injection, amphotericin B liposome, 10 mg	Procedure	HCPCS
J0290	Injection, ampicillin sodium, 500 mg	Procedure	HCPCS
J0295	Injection, ampicillin sodium/sulbactam sodium, per 1.5 g	Procedure	HCPCS
J0348	Injection, anidulafungin, 1 mg	Procedure	HCPCS
J0390	Injection, chloroquine HCl, up to 250 mg	Procedure	HCPCS
J0456	Injection, azithromycin, 500 mg	Procedure	HCPCS
J0530	Injection, penicillin G benzathine and penicillin G procaine, up to 600,000 units	Procedure	HCPCS
J0540	Injection, penicillin G benzathine and penicillin G procaine, up to 1,200,000 units	Procedure	HCPCS
J0550	Injection, penicillin G benzathine and penicillin G procaine, up to 2,400,000 units	Procedure	HCPCS
J0558	Injection, penicillin G benzathine and penicillin G procaine, 100,000 units	Procedure	HCPCS
J0559	Injection, penicillin G benzathine and penicillin G procaine, 2500 units	Procedure	HCPCS
J0560	Injection, penicillin G benzathine, up to 600,000 units	Procedure	HCPCS
J0561	Injection, penicillin G benzathine, 100,000 units	Procedure	HCPCS
J0580	Injection, penicillin G benzathine, up to 2,400,000 units	Procedure	HCPCS
J0637	Injection, caspofungin acetate, 5 mg	Procedure	HCPCS
J0690	Injection, cefazolin sodium, 500 mg	Procedure	HCPCS
J0692	Injection, cefepime HCl, 500 mg	Procedure	HCPCS
J0694	Injection, ceftiofuran sodium, 1 g	Procedure	HCPCS
J0695	Injection, ceftolozane 50 mg and tazobactam 25 mg	Procedure	HCPCS
J0696	Injection, ceftriaxone sodium, per 250 mg	Procedure	HCPCS
J0697	Injection, sterile cefuroxime sodium, per 750 mg	Procedure	HCPCS
J0698	Injection, cefotaxime sodium, per g	Procedure	HCPCS
J0712	Injection, ceftaroline fosamil, 10 mg	Procedure	HCPCS
J0713	Injection, ceftazidime, per 500 mg	Procedure	HCPCS
J0714	Injection, ceftazidime and avibactam, 0.5 g/0.125 g	Procedure	HCPCS
J0720	Injection, chloramphenicol sodium succinate, up to 1 g	Procedure	HCPCS
J0743	Injection, cilastatin sodium; imipenem, per 250 mg	Procedure	HCPCS
J0744	Injection, ciprofloxacin for intravenous infusion, 200 mg	Procedure	HCPCS
J0875	Injection, dalbavancin, 5 mg	Procedure	HCPCS
J0878	Injection, daptomycin, 1 mg	Procedure	HCPCS
J1267	Injection, doripenem, 10 mg	Procedure	HCPCS
J1335	Injection, ertapenem sodium, 500 mg	Procedure	HCPCS
J1362	Injection, erythromycin gluceptate, per 250 mg	Procedure	HCPCS
J1364	Injection, erythromycin lactobionate, per 500 mg	Procedure	HCPCS
J1450	Injection, fluconazole, 200 mg	Procedure	HCPCS
J1455	Injection, foscarnet sodium, per 1,000 mg	Procedure	HCPCS

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<b>Code</b>	<b>Description</b>	<b>Code Category</b>	<b>Code Type</b>
J1570	Injection, ganciclovir sodium, 500 mg	Procedure	HCPCS
J1580	Injection, garamycin, gentamicin, up to 80 mg	Procedure	HCPCS
J1833	Injection, isavuconazonium, 1 mg	Procedure	HCPCS
J1835	Injection, itraconazole, 50 mg	Procedure	HCPCS
J2020	Injection, linezolid, 200 mg	Procedure	HCPCS
J2185	Injection, meropenem, 100 mg	Procedure	HCPCS
J2248	Injection, micafungin sodium, 1 mg	Procedure	HCPCS
J2265	Injection, minocycline HCl, 1 mg	Procedure	HCPCS
J2280	Injection, moxifloxacin, 100 mg	Procedure	HCPCS
J2460	Injection, oxytetracycline HCl, up to 50 mg	Procedure	HCPCS
J2510	Injection, penicillin G procaine, aqueous, up to 600,000 units	Procedure	HCPCS
J2540	Injection, penicillin G potassium, up to 600,000 units	Procedure	HCPCS
J2543	Injection, piperacillin sodium/tazobactam sodium, 1 g/0.125 g (1.125 g)	Procedure	HCPCS
J2545	Pentamidine isethionate, inhalation solution, FDA-approved final product, noncompounded, administered through DME, unit dose form, per 300 mg	Procedure	HCPCS
J2547	Injection, peramivir, 1 mg	Procedure	HCPCS
J2700	Injection, oxacillin sodium, up to 250 mg	Procedure	HCPCS
J2770	Injection, quinupristin/dalfopristin, 500 mg (150/350)	Procedure	HCPCS
J3000	Injection, streptomycin, up to 1 g	Procedure	HCPCS
J3090	Injection, tedizolid phosphate, 1 mg	Procedure	HCPCS
J3095	Injection, telavancin, 10 mg	Procedure	HCPCS
J3243	Injection, tigecycline, 1 mg	Procedure	HCPCS
J3260	Injection, tobramycin sulfate, up to 80 mg	Procedure	HCPCS
J3370	Injection, vancomycin HCl, 500 mg	Procedure	HCPCS
J3465	Injection, voriconazole, 10 mg	Procedure	HCPCS
J7310	Ganciclovir, 4.5 mg, long-acting implant	Procedure	HCPCS
J7676	Pentamidine isethionate, inhalation solution, compounded product, administered through DME, unit dose form, per 300 mg	Procedure	HCPCS
J7682	Tobramycin, inhalation solution, FDA-approved final product, noncompounded, unit dose form, administered through DME, per 300 mg	Procedure	HCPCS
J7685	Tobramycin, inhalation solution, compounded product, administered through DME, unit dose form, per 300 mg	Procedure	HCPCS
K0453	INJ AMPHOTERICIN B 50 MG	Procedure	HCPCS
Q0144	Azithromycin dihydrate, oral, capsules/powder, 1 g	Procedure	HCPCS
S0024	Injection, ciprofloxacin, 200 mg	Procedure	HCPCS
S0029	Injection, fluconazole, 400 mg	Procedure	HCPCS
S0030	Injection, metronidazole, 500 mg	Procedure	HCPCS
S0032	Injection, nafcillin sodium, 2 g	Procedure	HCPCS
S0034	Injection, ofloxacin, 400 mg	Procedure	HCPCS
S0039	Injection, sulfamethoxazole and trimethoprim, 10 ml	Procedure	HCPCS
S0040	Injection, ticarcillin disodium and clavulanate potassium, 3.1 g	Procedure	HCPCS



**Appendix E. List of International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, Healthcare Common Procedure Coding System (HCPCS), Current Procedural Terminology, Fourth Edition (CPT-4) and Second Edition (CPT Category II) Procedure Codes Used to Define Outcome Criteria in this Request**

<b>Code</b>	<b>Description</b>	<b>Code Category</b>	<b>Code Type</b>
S0073	Injection, aztreonam, 500 mg	Procedure	HCPCS
S0077	Injection, clindamycin phosphate, 300 mg	Procedure	HCPCS
S0080	Injection, pentamidine isethionate, 300 mg	Procedure	HCPCS
S0081	Injection, piperacillin sodium, 500 mg	Procedure	HCPCS
S0096	Injection, itraconazole, 200 mg	Procedure	HCPCS

**Appendix F. List of Non-Proprietary and Brand Names of Medical Products Used to Define Inclusion and Exclusion Criteria in this Request**

<b>Non-Proprietary Name</b>	<b>Brand Name</b>
<b>Certolizumab Pegol</b>	
certolizumab pegol	Cimzia Powder for Reconst
certolizumab pegol	Cimzia
certolizumab pegol	Cimzia Starter Kit
<b>Golimumab</b>	
golimumab	Simponi
golimumab	Simponi ARIA
<b>Natalizumab</b>	
natalizumab	Tysabri
<b>Tofacitinib</b>	
tofacitinib citrate	Xeljanz XR
tofacitinib citrate	Xeljanz
<b>Ozanimod</b>	
ozanimod hydrochloride	Zeposia Starter Pack
ozanimod hydrochloride	Zeposia
<b>Upadacitinib</b>	
upadacitinib	Rinvoq

**Appendix G. List of International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, Healthcare Common Procedure Coding System (HCPCS), Current Procedural Terminology, Fourth Edition (CPT-4) and Third Edition (CPT Category III) Procedure Codes Used to Define Inclusion and Exclusion Criteria in this Request**

Code	Description	Code Category	Code Type
<b>Crohn's Disease</b>			
K50.0	Crohn's disease of small intestine	Diagnosis	ICD-10-CM
K50.00	Crohn's disease of small intestine without complications	Diagnosis	ICD-10-CM
K50.01	Crohn's disease of small intestine with complications	Diagnosis	ICD-10-CM
K50.011	Crohn's disease of small intestine with rectal bleeding	Diagnosis	ICD-10-CM
K50.012	Crohn's disease of small intestine with intestinal obstruction	Diagnosis	ICD-10-CM
K50.013	Crohn's disease of small intestine with fistula	Diagnosis	ICD-10-CM
K50.014	Crohn's disease of small intestine with abscess	Diagnosis	ICD-10-CM
K50.018	Crohn's disease of small intestine with other complication	Diagnosis	ICD-10-CM
K50.019	Crohn's disease of small intestine with unspecified complications	Diagnosis	ICD-10-CM
K50.1	Crohn's disease of large intestine	Diagnosis	ICD-10-CM
K50.10	Crohn's disease of large intestine without complications	Diagnosis	ICD-10-CM
K50.11	Crohn's disease of large intestine with complications	Diagnosis	ICD-10-CM
K50.111	Crohn's disease of large intestine with rectal bleeding	Diagnosis	ICD-10-CM
K50.112	Crohn's disease of large intestine with intestinal obstruction	Diagnosis	ICD-10-CM
K50.113	Crohn's disease of large intestine with fistula	Diagnosis	ICD-10-CM
K50.114	Crohn's disease of large intestine with abscess	Diagnosis	ICD-10-CM
K50.118	Crohn's disease of large intestine with other complication	Diagnosis	ICD-10-CM
K50.119	Crohn's disease of large intestine with unspecified complications	Diagnosis	ICD-10-CM
K50.8	Crohn's disease of both small and large intestine	Diagnosis	ICD-10-CM
K50.80	Crohn's disease of both small and large intestine without complications	Diagnosis	ICD-10-CM
K50.81	Crohn's disease of both small and large intestine with complications	Diagnosis	ICD-10-CM
K50.811	Crohn's disease of both small and large intestine with rectal bleeding	Diagnosis	ICD-10-CM
K50.812	Crohn's disease of both small and large intestine with intestinal obstruction	Diagnosis	ICD-10-CM
K50.813	Crohn's disease of both small and large intestine with fistula	Diagnosis	ICD-10-CM
K50.814	Crohn's disease of both small and large intestine with abscess	Diagnosis	ICD-10-CM
K50.818	Crohn's disease of both small and large intestine with other complication	Diagnosis	ICD-10-CM
K50.819	Crohn's disease of both small and large intestine with unspecified complications	Diagnosis	ICD-10-CM
K50.9	Crohn's disease, unspecified	Diagnosis	ICD-10-CM
K50.90	Crohn's disease, unspecified, without complications	Diagnosis	ICD-10-CM
K50.91	Crohn's disease, unspecified, with complications	Diagnosis	ICD-10-CM
K50.911	Crohn's disease, unspecified, with rectal bleeding	Diagnosis	ICD-10-CM
K50.912	Crohn's disease, unspecified, with intestinal obstruction	Diagnosis	ICD-10-CM
K50.913	Crohn's disease, unspecified, with fistula	Diagnosis	ICD-10-CM
K50.914	Crohn's disease, unspecified, with abscess	Diagnosis	ICD-10-CM
K50.918	Crohn's disease, unspecified, with other complication	Diagnosis	ICD-10-CM
K50.919	Crohn's disease, unspecified, with unspecified complications	Diagnosis	ICD-10-CM
<b>Ulcerative Colitis</b>			
K51.0	Ulcerative (chronic) pancolitis	Diagnosis	ICD-10-CM
K51.00	Ulcerative (chronic) pancolitis without complications	Diagnosis	ICD-10-CM
K51.01	Ulcerative (chronic) pancolitis with complications	Diagnosis	ICD-10-CM
K51.011	Ulcerative (chronic) pancolitis with rectal bleeding	Diagnosis	ICD-10-CM

**Appendix G. List of International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, Healthcare Common Procedure Coding System (HCPCS), Current Procedural Terminology, Fourth Edition (CPT-4) and Third Edition (CPT Category III) Procedure Codes Used to Define Inclusion and Exclusion Criteria in this Request**

<b>Code</b>	<b>Description</b>	<b>Code Category</b>	<b>Code Type</b>
K51.012	Ulcerative (chronic) pancolitis with intestinal obstruction	Diagnosis	ICD-10-CM
K51.013	Ulcerative (chronic) pancolitis with fistula	Diagnosis	ICD-10-CM
K51.014	Ulcerative (chronic) pancolitis with abscess	Diagnosis	ICD-10-CM
K51.018	Ulcerative (chronic) pancolitis with other complication	Diagnosis	ICD-10-CM
K51.019	Ulcerative (chronic) pancolitis with unspecified complications	Diagnosis	ICD-10-CM
K51.2	Ulcerative (chronic) proctitis	Diagnosis	ICD-10-CM
K51.20	Ulcerative (chronic) proctitis without complications	Diagnosis	ICD-10-CM
K51.21	Ulcerative (chronic) proctitis with complications	Diagnosis	ICD-10-CM
K51.211	Ulcerative (chronic) proctitis with rectal bleeding	Diagnosis	ICD-10-CM
K51.212	Ulcerative (chronic) proctitis with intestinal obstruction	Diagnosis	ICD-10-CM
K51.213	Ulcerative (chronic) proctitis with fistula	Diagnosis	ICD-10-CM
K51.214	Ulcerative (chronic) proctitis with abscess	Diagnosis	ICD-10-CM
K51.218	Ulcerative (chronic) proctitis with other complication	Diagnosis	ICD-10-CM
K51.219	Ulcerative (chronic) proctitis with unspecified complications	Diagnosis	ICD-10-CM
K51.3	Ulcerative (chronic) rectosigmoiditis	Diagnosis	ICD-10-CM
K51.30	Ulcerative (chronic) rectosigmoiditis without complications	Diagnosis	ICD-10-CM
K51.31	Ulcerative (chronic) rectosigmoiditis with complications	Diagnosis	ICD-10-CM
K51.311	Ulcerative (chronic) rectosigmoiditis with rectal bleeding	Diagnosis	ICD-10-CM
K51.312	Ulcerative (chronic) rectosigmoiditis with intestinal obstruction	Diagnosis	ICD-10-CM
K51.313	Ulcerative (chronic) rectosigmoiditis with fistula	Diagnosis	ICD-10-CM
K51.314	Ulcerative (chronic) rectosigmoiditis with abscess	Diagnosis	ICD-10-CM
K51.318	Ulcerative (chronic) rectosigmoiditis with other complication	Diagnosis	ICD-10-CM
K51.319	Ulcerative (chronic) rectosigmoiditis with unspecified complications	Diagnosis	ICD-10-CM
K51.5	Left sided colitis	Diagnosis	ICD-10-CM
K51.50	Left sided colitis without complications	Diagnosis	ICD-10-CM
K51.51	Left sided colitis with complications	Diagnosis	ICD-10-CM
K51.511	Left sided colitis with rectal bleeding	Diagnosis	ICD-10-CM
K51.512	Left sided colitis with intestinal obstruction	Diagnosis	ICD-10-CM
K51.513	Left sided colitis with fistula	Diagnosis	ICD-10-CM
K51.514	Left sided colitis with abscess	Diagnosis	ICD-10-CM
K51.518	Left sided colitis with other complication	Diagnosis	ICD-10-CM
K51.519	Left sided colitis with unspecified complications	Diagnosis	ICD-10-CM
K51.8	Other ulcerative colitis	Diagnosis	ICD-10-CM
K51.80	Other ulcerative colitis without complications	Diagnosis	ICD-10-CM
K51.81	Other ulcerative colitis with complications	Diagnosis	ICD-10-CM
K51.811	Other ulcerative colitis with rectal bleeding	Diagnosis	ICD-10-CM
K51.812	Other ulcerative colitis with intestinal obstruction	Diagnosis	ICD-10-CM
K51.813	Other ulcerative colitis with fistula	Diagnosis	ICD-10-CM
K51.814	Other ulcerative colitis with abscess	Diagnosis	ICD-10-CM
K51.818	Other ulcerative colitis with other complication	Diagnosis	ICD-10-CM
K51.819	Other ulcerative colitis with unspecified complications	Diagnosis	ICD-10-CM
K51.9	Ulcerative colitis, unspecified	Diagnosis	ICD-10-CM
K51.90	Ulcerative colitis, unspecified, without complications	Diagnosis	ICD-10-CM

**Appendix G. List of International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, Healthcare Common Procedure Coding System (HCPCS), Current Procedural Terminology, Fourth Edition (CPT-4) and Third Edition (CPT Category III) Procedure Codes Used to Define Inclusion and Exclusion Criteria in this Request**

<b>Code</b>	<b>Description</b>	<b>Code Category</b>	<b>Code Type</b>
K51.91	Ulcerative colitis, unspecified, with complications	Diagnosis	ICD-10-CM
K51.911	Ulcerative colitis, unspecified with rectal bleeding	Diagnosis	ICD-10-CM
K51.912	Ulcerative colitis, unspecified with intestinal obstruction	Diagnosis	ICD-10-CM
K51.913	Ulcerative colitis, unspecified with fistula	Diagnosis	ICD-10-CM
K51.914	Ulcerative colitis, unspecified with abscess	Diagnosis	ICD-10-CM
K51.918	Ulcerative colitis, unspecified with other complication	Diagnosis	ICD-10-CM
K51.919	Ulcerative colitis, unspecified with unspecified complications	Diagnosis	ICD-10-CM
<b>Rheumatoid Arthritis/Juvenile Rheumatoid Arthritis</b>			
M05.1	Rheumatoid lung disease with rheumatoid arthritis	Diagnosis	ICD-10-CM
M05.10	Rheumatoid lung disease with rheumatoid arthritis of unspecified site	Diagnosis	ICD-10-CM
M05.11	Rheumatoid lung disease with rheumatoid arthritis of shoulder	Diagnosis	ICD-10-CM
M05.111	Rheumatoid lung disease with rheumatoid arthritis of right shoulder	Diagnosis	ICD-10-CM
M05.112	Rheumatoid lung disease with rheumatoid arthritis of left shoulder	Diagnosis	ICD-10-CM
M05.119	Rheumatoid lung disease with rheumatoid arthritis of unspecified shoulder	Diagnosis	ICD-10-CM
M05.12	Rheumatoid lung disease with rheumatoid arthritis of elbow	Diagnosis	ICD-10-CM
M05.121	Rheumatoid lung disease with rheumatoid arthritis of right elbow	Diagnosis	ICD-10-CM
M05.122	Rheumatoid lung disease with rheumatoid arthritis of left elbow	Diagnosis	ICD-10-CM
M05.129	Rheumatoid lung disease with rheumatoid arthritis of unspecified elbow	Diagnosis	ICD-10-CM
M05.13	Rheumatoid lung disease with rheumatoid arthritis of wrist	Diagnosis	ICD-10-CM
M05.131	Rheumatoid lung disease with rheumatoid arthritis of right wrist	Diagnosis	ICD-10-CM
M05.132	Rheumatoid lung disease with rheumatoid arthritis of left wrist	Diagnosis	ICD-10-CM
M05.139	Rheumatoid lung disease with rheumatoid arthritis of unspecified wrist	Diagnosis	ICD-10-CM
M05.14	Rheumatoid lung disease with rheumatoid arthritis of hand	Diagnosis	ICD-10-CM
M05.141	Rheumatoid lung disease with rheumatoid arthritis of right hand	Diagnosis	ICD-10-CM
M05.142	Rheumatoid lung disease with rheumatoid arthritis of left hand	Diagnosis	ICD-10-CM
M05.149	Rheumatoid lung disease with rheumatoid arthritis of unspecified hand	Diagnosis	ICD-10-CM
M05.15	Rheumatoid lung disease with rheumatoid arthritis of hip	Diagnosis	ICD-10-CM
M05.151	Rheumatoid lung disease with rheumatoid arthritis of right hip	Diagnosis	ICD-10-CM
M05.152	Rheumatoid lung disease with rheumatoid arthritis of left hip	Diagnosis	ICD-10-CM
M05.159	Rheumatoid lung disease with rheumatoid arthritis of unspecified hip	Diagnosis	ICD-10-CM
M05.16	Rheumatoid lung disease with rheumatoid arthritis of knee	Diagnosis	ICD-10-CM
M05.161	Rheumatoid lung disease with rheumatoid arthritis of right knee	Diagnosis	ICD-10-CM
M05.162	Rheumatoid lung disease with rheumatoid arthritis of left knee	Diagnosis	ICD-10-CM
M05.169	Rheumatoid lung disease with rheumatoid arthritis of unspecified knee	Diagnosis	ICD-10-CM
M05.17	Rheumatoid lung disease with rheumatoid arthritis of ankle and foot	Diagnosis	ICD-10-CM
M05.171	Rheumatoid lung disease with rheumatoid arthritis of right ankle and foot	Diagnosis	ICD-10-CM
M05.172	Rheumatoid lung disease with rheumatoid arthritis of left ankle and foot	Diagnosis	ICD-10-CM
M05.179	Rheumatoid lung disease with rheumatoid arthritis of unspecified ankle and foot	Diagnosis	ICD-10-CM
M05.19	Rheumatoid lung disease with rheumatoid arthritis of multiple sites	Diagnosis	ICD-10-CM
M05.2	Rheumatoid vasculitis with rheumatoid arthritis	Diagnosis	ICD-10-CM
M05.20	Rheumatoid vasculitis with rheumatoid arthritis of unspecified site	Diagnosis	ICD-10-CM
M05.21	Rheumatoid vasculitis with rheumatoid arthritis of shoulder	Diagnosis	ICD-10-CM

**Appendix G. List of International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, Healthcare Common Procedure Coding System (HCPCS), Current Procedural Terminology, Fourth Edition (CPT-4) and Third Edition (CPT Category III) Procedure Codes Used to Define Inclusion and Exclusion Criteria in this Request**

<b>Code</b>	<b>Description</b>	<b>Code Category</b>	<b>Code Type</b>
M05.211	Rheumatoid vasculitis with rheumatoid arthritis of right shoulder	Diagnosis	ICD-10-CM
M05.212	Rheumatoid vasculitis with rheumatoid arthritis of left shoulder	Diagnosis	ICD-10-CM
M05.219	Rheumatoid vasculitis with rheumatoid arthritis of unspecified shoulder	Diagnosis	ICD-10-CM
M05.22	Rheumatoid vasculitis with rheumatoid arthritis of elbow	Diagnosis	ICD-10-CM
M05.221	Rheumatoid vasculitis with rheumatoid arthritis of right elbow	Diagnosis	ICD-10-CM
M05.222	Rheumatoid vasculitis with rheumatoid arthritis of left elbow	Diagnosis	ICD-10-CM
M05.229	Rheumatoid vasculitis with rheumatoid arthritis of unspecified elbow	Diagnosis	ICD-10-CM
M05.23	Rheumatoid vasculitis with rheumatoid arthritis of wrist	Diagnosis	ICD-10-CM
M05.231	Rheumatoid vasculitis with rheumatoid arthritis of right wrist	Diagnosis	ICD-10-CM
M05.232	Rheumatoid vasculitis with rheumatoid arthritis of left wrist	Diagnosis	ICD-10-CM
M05.239	Rheumatoid vasculitis with rheumatoid arthritis of unspecified wrist	Diagnosis	ICD-10-CM
M05.24	Rheumatoid vasculitis with rheumatoid arthritis of hand	Diagnosis	ICD-10-CM
M05.241	Rheumatoid vasculitis with rheumatoid arthritis of right hand	Diagnosis	ICD-10-CM
M05.242	Rheumatoid vasculitis with rheumatoid arthritis of left hand	Diagnosis	ICD-10-CM
M05.249	Rheumatoid vasculitis with rheumatoid arthritis of unspecified hand	Diagnosis	ICD-10-CM
M05.25	Rheumatoid vasculitis with rheumatoid arthritis of hip	Diagnosis	ICD-10-CM
M05.251	Rheumatoid vasculitis with rheumatoid arthritis of right hip	Diagnosis	ICD-10-CM
M05.252	Rheumatoid vasculitis with rheumatoid arthritis of left hip	Diagnosis	ICD-10-CM
M05.259	Rheumatoid vasculitis with rheumatoid arthritis of unspecified hip	Diagnosis	ICD-10-CM
M05.26	Rheumatoid vasculitis with rheumatoid arthritis of knee	Diagnosis	ICD-10-CM
M05.261	Rheumatoid vasculitis with rheumatoid arthritis of right knee	Diagnosis	ICD-10-CM
M05.262	Rheumatoid vasculitis with rheumatoid arthritis of left knee	Diagnosis	ICD-10-CM
M05.269	Rheumatoid vasculitis with rheumatoid arthritis of unspecified knee	Diagnosis	ICD-10-CM
M05.27	Rheumatoid vasculitis with rheumatoid arthritis of ankle and foot	Diagnosis	ICD-10-CM
M05.271	Rheumatoid vasculitis with rheumatoid arthritis of right ankle and foot	Diagnosis	ICD-10-CM
M05.272	Rheumatoid vasculitis with rheumatoid arthritis of left ankle and foot	Diagnosis	ICD-10-CM
M05.279	Rheumatoid vasculitis with rheumatoid arthritis of unspecified ankle and foot	Diagnosis	ICD-10-CM
M05.29	Rheumatoid vasculitis with rheumatoid arthritis of multiple sites	Diagnosis	ICD-10-CM
M05.3	Rheumatoid heart disease with rheumatoid arthritis	Diagnosis	ICD-10-CM
M05.30	Rheumatoid heart disease with rheumatoid arthritis of unspecified site	Diagnosis	ICD-10-CM
M05.31	Rheumatoid heart disease with rheumatoid arthritis of shoulder	Diagnosis	ICD-10-CM
M05.311	Rheumatoid heart disease with rheumatoid arthritis of right shoulder	Diagnosis	ICD-10-CM
M05.312	Rheumatoid heart disease with rheumatoid arthritis of left shoulder	Diagnosis	ICD-10-CM
M05.319	Rheumatoid heart disease with rheumatoid arthritis of unspecified shoulder	Diagnosis	ICD-10-CM
M05.32	Rheumatoid heart disease with rheumatoid arthritis of elbow	Diagnosis	ICD-10-CM
M05.321	Rheumatoid heart disease with rheumatoid arthritis of right elbow	Diagnosis	ICD-10-CM
M05.322	Rheumatoid heart disease with rheumatoid arthritis of left elbow	Diagnosis	ICD-10-CM
M05.329	Rheumatoid heart disease with rheumatoid arthritis of unspecified elbow	Diagnosis	ICD-10-CM
M05.33	Rheumatoid heart disease with rheumatoid arthritis of wrist	Diagnosis	ICD-10-CM
M05.331	Rheumatoid heart disease with rheumatoid arthritis of right wrist	Diagnosis	ICD-10-CM
M05.332	Rheumatoid heart disease with rheumatoid arthritis of left wrist	Diagnosis	ICD-10-CM
M05.339	Rheumatoid heart disease with rheumatoid arthritis of unspecified wrist	Diagnosis	ICD-10-CM
M05.34	Rheumatoid heart disease with rheumatoid arthritis of hand	Diagnosis	ICD-10-CM

**Appendix G. List of International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, Healthcare Common Procedure Coding System (HCPCS), Current Procedural Terminology, Fourth Edition (CPT-4) and Third Edition (CPT Category III) Procedure Codes Used to Define Inclusion and Exclusion Criteria in this Request**

<b>Code</b>	<b>Description</b>	<b>Code Category</b>	<b>Code Type</b>
M05.341	Rheumatoid heart disease with rheumatoid arthritis of right hand	Diagnosis	ICD-10-CM
M05.342	Rheumatoid heart disease with rheumatoid arthritis of left hand	Diagnosis	ICD-10-CM
M05.349	Rheumatoid heart disease with rheumatoid arthritis of unspecified hand	Diagnosis	ICD-10-CM
M05.35	Rheumatoid heart disease with rheumatoid arthritis of hip	Diagnosis	ICD-10-CM
M05.351	Rheumatoid heart disease with rheumatoid arthritis of right hip	Diagnosis	ICD-10-CM
M05.352	Rheumatoid heart disease with rheumatoid arthritis of left hip	Diagnosis	ICD-10-CM
M05.359	Rheumatoid heart disease with rheumatoid arthritis of unspecified hip	Diagnosis	ICD-10-CM
M05.36	Rheumatoid heart disease with rheumatoid arthritis of knee	Diagnosis	ICD-10-CM
M05.361	Rheumatoid heart disease with rheumatoid arthritis of right knee	Diagnosis	ICD-10-CM
M05.362	Rheumatoid heart disease with rheumatoid arthritis of left knee	Diagnosis	ICD-10-CM
M05.369	Rheumatoid heart disease with rheumatoid arthritis of unspecified knee	Diagnosis	ICD-10-CM
M05.37	Rheumatoid heart disease with rheumatoid arthritis of ankle and foot	Diagnosis	ICD-10-CM
M05.371	Rheumatoid heart disease with rheumatoid arthritis of right ankle and foot	Diagnosis	ICD-10-CM
M05.372	Rheumatoid heart disease with rheumatoid arthritis of left ankle and foot	Diagnosis	ICD-10-CM
M05.379	Rheumatoid heart disease with rheumatoid arthritis of unspecified ankle and foot	Diagnosis	ICD-10-CM
M05.39	Rheumatoid heart disease with rheumatoid arthritis of multiple sites	Diagnosis	ICD-10-CM
M05.4	Rheumatoid myopathy with rheumatoid arthritis	Diagnosis	ICD-10-CM
M05.40	Rheumatoid myopathy with rheumatoid arthritis of unspecified site	Diagnosis	ICD-10-CM
M05.41	Rheumatoid myopathy with rheumatoid arthritis of shoulder	Diagnosis	ICD-10-CM
M05.411	Rheumatoid myopathy with rheumatoid arthritis of right shoulder	Diagnosis	ICD-10-CM
M05.412	Rheumatoid myopathy with rheumatoid arthritis of left shoulder	Diagnosis	ICD-10-CM
M05.419	Rheumatoid myopathy with rheumatoid arthritis of unspecified shoulder	Diagnosis	ICD-10-CM
M05.42	Rheumatoid myopathy with rheumatoid arthritis of elbow	Diagnosis	ICD-10-CM
M05.421	Rheumatoid myopathy with rheumatoid arthritis of right elbow	Diagnosis	ICD-10-CM
M05.422	Rheumatoid myopathy with rheumatoid arthritis of left elbow	Diagnosis	ICD-10-CM
M05.429	Rheumatoid myopathy with rheumatoid arthritis of unspecified elbow	Diagnosis	ICD-10-CM
M05.43	Rheumatoid myopathy with rheumatoid arthritis of wrist	Diagnosis	ICD-10-CM
M05.431	Rheumatoid myopathy with rheumatoid arthritis of right wrist	Diagnosis	ICD-10-CM
M05.432	Rheumatoid myopathy with rheumatoid arthritis of left wrist	Diagnosis	ICD-10-CM
M05.439	Rheumatoid myopathy with rheumatoid arthritis of unspecified wrist	Diagnosis	ICD-10-CM
M05.44	Rheumatoid myopathy with rheumatoid arthritis of hand	Diagnosis	ICD-10-CM
M05.441	Rheumatoid myopathy with rheumatoid arthritis of right hand	Diagnosis	ICD-10-CM
M05.442	Rheumatoid myopathy with rheumatoid arthritis of left hand	Diagnosis	ICD-10-CM
M05.449	Rheumatoid myopathy with rheumatoid arthritis of unspecified hand	Diagnosis	ICD-10-CM
M05.45	Rheumatoid myopathy with rheumatoid arthritis of hip	Diagnosis	ICD-10-CM
M05.451	Rheumatoid myopathy with rheumatoid arthritis of right hip	Diagnosis	ICD-10-CM
M05.452	Rheumatoid myopathy with rheumatoid arthritis of left hip	Diagnosis	ICD-10-CM
M05.459	Rheumatoid myopathy with rheumatoid arthritis of unspecified hip	Diagnosis	ICD-10-CM
M05.46	Rheumatoid myopathy with rheumatoid arthritis of knee	Diagnosis	ICD-10-CM
M05.461	Rheumatoid myopathy with rheumatoid arthritis of right knee	Diagnosis	ICD-10-CM
M05.462	Rheumatoid myopathy with rheumatoid arthritis of left knee	Diagnosis	ICD-10-CM
M05.469	Rheumatoid myopathy with rheumatoid arthritis of unspecified knee	Diagnosis	ICD-10-CM



**Appendix G. List of International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, Healthcare Common Procedure Coding System (HCPCS), Current Procedural Terminology, Fourth Edition (CPT-4) and Third Edition (CPT Category III) Procedure Codes Used to Define Inclusion and Exclusion Criteria in this Request**

<b>Code</b>	<b>Description</b>	<b>Code Category</b>	<b>Code Type</b>
M05.47	Rheumatoid myopathy with rheumatoid arthritis of ankle and foot	Diagnosis	ICD-10-CM
M05.471	Rheumatoid myopathy with rheumatoid arthritis of right ankle and foot	Diagnosis	ICD-10-CM
M05.472	Rheumatoid myopathy with rheumatoid arthritis of left ankle and foot	Diagnosis	ICD-10-CM
M05.479	Rheumatoid myopathy with rheumatoid arthritis of unspecified ankle and foot	Diagnosis	ICD-10-CM
M05.49	Rheumatoid myopathy with rheumatoid arthritis of multiple sites	Diagnosis	ICD-10-CM
M05.5	Rheumatoid polyneuropathy with rheumatoid arthritis	Diagnosis	ICD-10-CM
M05.50	Rheumatoid polyneuropathy with rheumatoid arthritis of unspecified site	Diagnosis	ICD-10-CM
M05.51	Rheumatoid polyneuropathy with rheumatoid arthritis of shoulder	Diagnosis	ICD-10-CM
M05.511	Rheumatoid polyneuropathy with rheumatoid arthritis of right shoulder	Diagnosis	ICD-10-CM
M05.512	Rheumatoid polyneuropathy with rheumatoid arthritis of left shoulder	Diagnosis	ICD-10-CM
M05.519	Rheumatoid polyneuropathy with rheumatoid arthritis of unspecified shoulder	Diagnosis	ICD-10-CM
M05.52	Rheumatoid polyneuropathy with rheumatoid arthritis of elbow	Diagnosis	ICD-10-CM
M05.521	Rheumatoid polyneuropathy with rheumatoid arthritis of right elbow	Diagnosis	ICD-10-CM
M05.522	Rheumatoid polyneuropathy with rheumatoid arthritis of left elbow	Diagnosis	ICD-10-CM
M05.529	Rheumatoid polyneuropathy with rheumatoid arthritis of unspecified elbow	Diagnosis	ICD-10-CM
M05.53	Rheumatoid polyneuropathy with rheumatoid arthritis of wrist	Diagnosis	ICD-10-CM
M05.531	Rheumatoid polyneuropathy with rheumatoid arthritis of right wrist	Diagnosis	ICD-10-CM
M05.532	Rheumatoid polyneuropathy with rheumatoid arthritis of left wrist	Diagnosis	ICD-10-CM
M05.539	Rheumatoid polyneuropathy with rheumatoid arthritis of unspecified wrist	Diagnosis	ICD-10-CM
M05.54	Rheumatoid polyneuropathy with rheumatoid arthritis of hand	Diagnosis	ICD-10-CM
M05.541	Rheumatoid polyneuropathy with rheumatoid arthritis of right hand	Diagnosis	ICD-10-CM
M05.542	Rheumatoid polyneuropathy with rheumatoid arthritis of left hand	Diagnosis	ICD-10-CM
M05.549	Rheumatoid polyneuropathy with rheumatoid arthritis of unspecified hand	Diagnosis	ICD-10-CM
M05.55	Rheumatoid polyneuropathy with rheumatoid arthritis of hip	Diagnosis	ICD-10-CM
M05.551	Rheumatoid polyneuropathy with rheumatoid arthritis of right hip	Diagnosis	ICD-10-CM
M05.552	Rheumatoid polyneuropathy with rheumatoid arthritis of left hip	Diagnosis	ICD-10-CM
M05.559	Rheumatoid polyneuropathy with rheumatoid arthritis of unspecified hip	Diagnosis	ICD-10-CM
M05.56	Rheumatoid polyneuropathy with rheumatoid arthritis of knee	Diagnosis	ICD-10-CM
M05.561	Rheumatoid polyneuropathy with rheumatoid arthritis of right knee	Diagnosis	ICD-10-CM
M05.562	Rheumatoid polyneuropathy with rheumatoid arthritis of left knee	Diagnosis	ICD-10-CM
M05.569	Rheumatoid polyneuropathy with rheumatoid arthritis of unspecified knee	Diagnosis	ICD-10-CM
M05.57	Rheumatoid polyneuropathy with rheumatoid arthritis of ankle and foot	Diagnosis	ICD-10-CM
M05.571	Rheumatoid polyneuropathy with rheumatoid arthritis of right ankle and foot	Diagnosis	ICD-10-CM
M05.572	Rheumatoid polyneuropathy with rheumatoid arthritis of left ankle and foot	Diagnosis	ICD-10-CM
M05.579	Rheumatoid polyneuropathy with rheumatoid arthritis of unspecified ankle and foot	Diagnosis	ICD-10-CM
M05.59	Rheumatoid polyneuropathy with rheumatoid arthritis of multiple sites	Diagnosis	ICD-10-CM
M05.6	Rheumatoid arthritis with involvement of other organs and systems	Diagnosis	ICD-10-CM
M05.60	Rheumatoid arthritis of unspecified site with involvement of other organs and systems	Diagnosis	ICD-10-CM



**Appendix G. List of International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, Healthcare Common Procedure Coding System (HCPCS), Current Procedural Terminology, Fourth Edition (CPT-4) and Third Edition (CPT Category III) Procedure Codes Used to Define Inclusion and Exclusion Criteria in this Request**

<b>Code</b>	<b>Description</b>	<b>Code Category</b>	<b>Code Type</b>
M05.61	Rheumatoid arthritis of shoulder with involvement of other organs and systems	Diagnosis	ICD-10-CM
M05.611	Rheumatoid arthritis of right shoulder with involvement of other organs and systems	Diagnosis	ICD-10-CM
M05.612	Rheumatoid arthritis of left shoulder with involvement of other organs and systems	Diagnosis	ICD-10-CM
M05.619	Rheumatoid arthritis of unspecified shoulder with involvement of other organs and systems	Diagnosis	ICD-10-CM
M05.62	Rheumatoid arthritis of elbow with involvement of other organs and systems	Diagnosis	ICD-10-CM
M05.621	Rheumatoid arthritis of right elbow with involvement of other organs and systems	Diagnosis	ICD-10-CM
M05.622	Rheumatoid arthritis of left elbow with involvement of other organs and systems	Diagnosis	ICD-10-CM
M05.629	Rheumatoid arthritis of unspecified elbow with involvement of other organs and systems	Diagnosis	ICD-10-CM
M05.63	Rheumatoid arthritis of wrist with involvement of other organs and systems	Diagnosis	ICD-10-CM
M05.631	Rheumatoid arthritis of right wrist with involvement of other organs and systems	Diagnosis	ICD-10-CM
M05.632	Rheumatoid arthritis of left wrist with involvement of other organs and systems	Diagnosis	ICD-10-CM
M05.639	Rheumatoid arthritis of unspecified wrist with involvement of other organs and systems	Diagnosis	ICD-10-CM
M05.64	Rheumatoid arthritis of hand with involvement of other organs and systems	Diagnosis	ICD-10-CM
M05.641	Rheumatoid arthritis of right hand with involvement of other organs and systems	Diagnosis	ICD-10-CM
M05.642	Rheumatoid arthritis of left hand with involvement of other organs and systems	Diagnosis	ICD-10-CM
M05.649	Rheumatoid arthritis of unspecified hand with involvement of other organs and systems	Diagnosis	ICD-10-CM
M05.65	Rheumatoid arthritis of hip with involvement of other organs and systems	Diagnosis	ICD-10-CM
M05.651	Rheumatoid arthritis of right hip with involvement of other organs and systems	Diagnosis	ICD-10-CM
M05.652	Rheumatoid arthritis of left hip with involvement of other organs and systems	Diagnosis	ICD-10-CM
M05.659	Rheumatoid arthritis of unspecified hip with involvement of other organs and systems	Diagnosis	ICD-10-CM
M05.66	Rheumatoid arthritis of knee with involvement of other organs and systems	Diagnosis	ICD-10-CM
M05.661	Rheumatoid arthritis of right knee with involvement of other organs and systems	Diagnosis	ICD-10-CM
M05.662	Rheumatoid arthritis of left knee with involvement of other organs and systems	Diagnosis	ICD-10-CM
M05.669	Rheumatoid arthritis of unspecified knee with involvement of other organs and systems	Diagnosis	ICD-10-CM

**Appendix G. List of International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, Healthcare Common Procedure Coding System (HCPCS), Current Procedural Terminology, Fourth Edition (CPT-4) and Third Edition (CPT Category III) Procedure Codes Used to Define Inclusion and Exclusion Criteria in this Request**

<b>Code</b>	<b>Description</b>	<b>Code Category</b>	<b>Code Type</b>
M05.67	Rheumatoid arthritis of ankle and foot with involvement of other organs and systems	Diagnosis	ICD-10-CM
M05.671	Rheumatoid arthritis of right ankle and foot with involvement of other organs and systems	Diagnosis	ICD-10-CM
M05.672	Rheumatoid arthritis of left ankle and foot with involvement of other organs and systems	Diagnosis	ICD-10-CM
M05.679	Rheumatoid arthritis of unspecified ankle and foot with involvement of other organs and systems	Diagnosis	ICD-10-CM
M05.69	Rheumatoid arthritis of multiple sites with involvement of other organs and systems	Diagnosis	ICD-10-CM
M05.7	Rheumatoid arthritis with rheumatoid factor without organ or systems involvement	Diagnosis	ICD-10-CM
M05.70	Rheumatoid arthritis with rheumatoid factor of unspecified site without organ or systems involvement	Diagnosis	ICD-10-CM
M05.71	Rheumatoid arthritis with rheumatoid factor of shoulder without organ or systems involvement	Diagnosis	ICD-10-CM
M05.711	Rheumatoid arthritis with rheumatoid factor of right shoulder without organ or systems involvement	Diagnosis	ICD-10-CM
M05.712	Rheumatoid arthritis with rheumatoid factor of left shoulder without organ or systems involvement	Diagnosis	ICD-10-CM
M05.719	Rheumatoid arthritis with rheumatoid factor of unspecified shoulder without organ or systems involvement	Diagnosis	ICD-10-CM
M05.72	Rheumatoid arthritis with rheumatoid factor of elbow without organ or systems involvement	Diagnosis	ICD-10-CM
M05.721	Rheumatoid arthritis with rheumatoid factor of right elbow without organ or systems involvement	Diagnosis	ICD-10-CM
M05.722	Rheumatoid arthritis with rheumatoid factor of left elbow without organ or systems involvement	Diagnosis	ICD-10-CM
M05.729	Rheumatoid arthritis with rheumatoid factor of unspecified elbow without organ or systems involvement	Diagnosis	ICD-10-CM
M05.73	Rheumatoid arthritis with rheumatoid factor of wrist without organ or systems involvement	Diagnosis	ICD-10-CM
M05.731	Rheumatoid arthritis with rheumatoid factor of right wrist without organ or systems involvement	Diagnosis	ICD-10-CM
M05.732	Rheumatoid arthritis with rheumatoid factor of left wrist without organ or systems involvement	Diagnosis	ICD-10-CM
M05.739	Rheumatoid arthritis with rheumatoid factor of unspecified wrist without organ or systems involvement	Diagnosis	ICD-10-CM
M05.74	Rheumatoid arthritis with rheumatoid factor of hand without organ or systems involvement	Diagnosis	ICD-10-CM
M05.741	Rheumatoid arthritis with rheumatoid factor of right hand without organ or systems involvement	Diagnosis	ICD-10-CM

**Appendix G. List of International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, Healthcare Common Procedure Coding System (HCPCS), Current Procedural Terminology, Fourth Edition (CPT-4) and Third Edition (CPT Category III) Procedure Codes Used to Define Inclusion and Exclusion Criteria in this Request**

<b>Code</b>	<b>Description</b>	<b>Code Category</b>	<b>Code Type</b>
M05.742	Rheumatoid arthritis with rheumatoid factor of left hand without organ or systems involvement	Diagnosis	ICD-10-CM
M05.749	Rheumatoid arthritis with rheumatoid factor of unspecified hand without organ or systems involvement	Diagnosis	ICD-10-CM
M05.75	Rheumatoid arthritis with rheumatoid factor of hip without organ or systems involvement	Diagnosis	ICD-10-CM
M05.751	Rheumatoid arthritis with rheumatoid factor of right hip without organ or systems involvement	Diagnosis	ICD-10-CM
M05.752	Rheumatoid arthritis with rheumatoid factor of left hip without organ or systems involvement	Diagnosis	ICD-10-CM
M05.759	Rheumatoid arthritis with rheumatoid factor of unspecified hip without organ or systems involvement	Diagnosis	ICD-10-CM
M05.76	Rheumatoid arthritis with rheumatoid factor of knee without organ or systems involvement	Diagnosis	ICD-10-CM
M05.761	Rheumatoid arthritis with rheumatoid factor of right knee without organ or systems involvement	Diagnosis	ICD-10-CM
M05.762	Rheumatoid arthritis with rheumatoid factor of left knee without organ or systems involvement	Diagnosis	ICD-10-CM
M05.769	Rheumatoid arthritis with rheumatoid factor of unspecified knee without organ or systems involvement	Diagnosis	ICD-10-CM
M05.77	Rheumatoid arthritis with rheumatoid factor of ankle and foot without organ or systems involvement	Diagnosis	ICD-10-CM
M05.771	Rheumatoid arthritis with rheumatoid factor of right ankle and foot without organ or systems involvement	Diagnosis	ICD-10-CM
M05.772	Rheumatoid arthritis with rheumatoid factor of left ankle and foot without organ or systems involvement	Diagnosis	ICD-10-CM
M05.779	Rheumatoid arthritis with rheumatoid factor of unspecified ankle and foot without organ or systems involvement	Diagnosis	ICD-10-CM
M05.79	Rheumatoid arthritis with rheumatoid factor of multiple sites without organ or systems involvement	Diagnosis	ICD-10-CM
M05.8	Other rheumatoid arthritis with rheumatoid factor	Diagnosis	ICD-10-CM
M05.80	Other rheumatoid arthritis with rheumatoid factor of unspecified site	Diagnosis	ICD-10-CM
M05.81	Other rheumatoid arthritis with rheumatoid factor of shoulder	Diagnosis	ICD-10-CM
M05.811	Other rheumatoid arthritis with rheumatoid factor of right shoulder	Diagnosis	ICD-10-CM
M05.812	Other rheumatoid arthritis with rheumatoid factor of left shoulder	Diagnosis	ICD-10-CM
M05.819	Other rheumatoid arthritis with rheumatoid factor of unspecified shoulder	Diagnosis	ICD-10-CM
M05.82	Other rheumatoid arthritis with rheumatoid factor of elbow	Diagnosis	ICD-10-CM
M05.821	Other rheumatoid arthritis with rheumatoid factor of right elbow	Diagnosis	ICD-10-CM
M05.822	Other rheumatoid arthritis with rheumatoid factor of left elbow	Diagnosis	ICD-10-CM
M05.829	Other rheumatoid arthritis with rheumatoid factor of unspecified elbow	Diagnosis	ICD-10-CM
M05.83	Other rheumatoid arthritis with rheumatoid factor of wrist	Diagnosis	ICD-10-CM
M05.831	Other rheumatoid arthritis with rheumatoid factor of right wrist	Diagnosis	ICD-10-CM
M05.832	Other rheumatoid arthritis with rheumatoid factor of left wrist	Diagnosis	ICD-10-CM

**Appendix G. List of International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, Healthcare Common Procedure Coding System (HCPCS), Current Procedural Terminology, Fourth Edition (CPT-4) and Third Edition (CPT Category III) Procedure Codes Used to Define Inclusion and Exclusion Criteria in this Request**

<b>Code</b>	<b>Description</b>	<b>Code Category</b>	<b>Code Type</b>
M05.839	Other rheumatoid arthritis with rheumatoid factor of unspecified wrist	Diagnosis	ICD-10-CM
M05.84	Other rheumatoid arthritis with rheumatoid factor of hand	Diagnosis	ICD-10-CM
M05.841	Other rheumatoid arthritis with rheumatoid factor of right hand	Diagnosis	ICD-10-CM
M05.842	Other rheumatoid arthritis with rheumatoid factor of left hand	Diagnosis	ICD-10-CM
M05.849	Other rheumatoid arthritis with rheumatoid factor of unspecified hand	Diagnosis	ICD-10-CM
M05.85	Other rheumatoid arthritis with rheumatoid factor of hip	Diagnosis	ICD-10-CM
M05.851	Other rheumatoid arthritis with rheumatoid factor of right hip	Diagnosis	ICD-10-CM
M05.852	Other rheumatoid arthritis with rheumatoid factor of left hip	Diagnosis	ICD-10-CM
M05.859	Other rheumatoid arthritis with rheumatoid factor of unspecified hip	Diagnosis	ICD-10-CM
M05.86	Other rheumatoid arthritis with rheumatoid factor of knee	Diagnosis	ICD-10-CM
M05.861	Other rheumatoid arthritis with rheumatoid factor of right knee	Diagnosis	ICD-10-CM
M05.862	Other rheumatoid arthritis with rheumatoid factor of left knee	Diagnosis	ICD-10-CM
M05.869	Other rheumatoid arthritis with rheumatoid factor of unspecified knee	Diagnosis	ICD-10-CM
M05.87	Other rheumatoid arthritis with rheumatoid factor of ankle and foot	Diagnosis	ICD-10-CM
M05.871	Other rheumatoid arthritis with rheumatoid factor of right ankle and foot	Diagnosis	ICD-10-CM
M05.872	Other rheumatoid arthritis with rheumatoid factor of left ankle and foot	Diagnosis	ICD-10-CM
M05.879	Other rheumatoid arthritis with rheumatoid factor of unspecified ankle and foot	Diagnosis	ICD-10-CM
M05.89	Other rheumatoid arthritis with rheumatoid factor of multiple sites	Diagnosis	ICD-10-CM
M05.9	Rheumatoid arthritis with rheumatoid factor, unspecified	Diagnosis	ICD-10-CM
M06.0	Rheumatoid arthritis without rheumatoid factor	Diagnosis	ICD-10-CM
M06.00	Rheumatoid arthritis without rheumatoid factor, unspecified site	Diagnosis	ICD-10-CM
M06.01	Rheumatoid arthritis without rheumatoid factor, shoulder	Diagnosis	ICD-10-CM
M06.011	Rheumatoid arthritis without rheumatoid factor, right shoulder	Diagnosis	ICD-10-CM
M06.012	Rheumatoid arthritis without rheumatoid factor, left shoulder	Diagnosis	ICD-10-CM
M06.019	Rheumatoid arthritis without rheumatoid factor, unspecified shoulder	Diagnosis	ICD-10-CM
M06.02	Rheumatoid arthritis without rheumatoid factor, elbow	Diagnosis	ICD-10-CM
M06.021	Rheumatoid arthritis without rheumatoid factor, right elbow	Diagnosis	ICD-10-CM
M06.022	Rheumatoid arthritis without rheumatoid factor, left elbow	Diagnosis	ICD-10-CM
M06.029	Rheumatoid arthritis without rheumatoid factor, unspecified elbow	Diagnosis	ICD-10-CM
M06.03	Rheumatoid arthritis without rheumatoid factor, wrist	Diagnosis	ICD-10-CM
M06.031	Rheumatoid arthritis without rheumatoid factor, right wrist	Diagnosis	ICD-10-CM
M06.032	Rheumatoid arthritis without rheumatoid factor, left wrist	Diagnosis	ICD-10-CM
M06.039	Rheumatoid arthritis without rheumatoid factor, unspecified wrist	Diagnosis	ICD-10-CM
M06.04	Rheumatoid arthritis without rheumatoid factor, hand	Diagnosis	ICD-10-CM
M06.041	Rheumatoid arthritis without rheumatoid factor, right hand	Diagnosis	ICD-10-CM
M06.042	Rheumatoid arthritis without rheumatoid factor, left hand	Diagnosis	ICD-10-CM
M06.049	Rheumatoid arthritis without rheumatoid factor, unspecified hand	Diagnosis	ICD-10-CM
M06.05	Rheumatoid arthritis without rheumatoid factor, hip	Diagnosis	ICD-10-CM
M06.051	Rheumatoid arthritis without rheumatoid factor, right hip	Diagnosis	ICD-10-CM
M06.052	Rheumatoid arthritis without rheumatoid factor, left hip	Diagnosis	ICD-10-CM
M06.059	Rheumatoid arthritis without rheumatoid factor, unspecified hip	Diagnosis	ICD-10-CM
M06.06	Rheumatoid arthritis without rheumatoid factor, knee	Diagnosis	ICD-10-CM

**Appendix G. List of International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, Healthcare Common Procedure Coding System (HCPCS), Current Procedural Terminology, Fourth Edition (CPT-4) and Third Edition (CPT Category III) Procedure Codes Used to Define Inclusion and Exclusion Criteria in this Request**

<b>Code</b>	<b>Description</b>	<b>Code Category</b>	<b>Code Type</b>
M06.061	Rheumatoid arthritis without rheumatoid factor, right knee	Diagnosis	ICD-10-CM
M06.062	Rheumatoid arthritis without rheumatoid factor, left knee	Diagnosis	ICD-10-CM
M06.069	Rheumatoid arthritis without rheumatoid factor, unspecified knee	Diagnosis	ICD-10-CM
M06.07	Rheumatoid arthritis without rheumatoid factor, ankle and foot	Diagnosis	ICD-10-CM
M06.071	Rheumatoid arthritis without rheumatoid factor, right ankle and foot	Diagnosis	ICD-10-CM
M06.072	Rheumatoid arthritis without rheumatoid factor, left ankle and foot	Diagnosis	ICD-10-CM
M06.079	Rheumatoid arthritis without rheumatoid factor, unspecified ankle and foot	Diagnosis	ICD-10-CM
M06.08	Rheumatoid arthritis without rheumatoid factor, vertebrae	Diagnosis	ICD-10-CM
M06.09	Rheumatoid arthritis without rheumatoid factor, multiple sites	Diagnosis	ICD-10-CM
M06.1	Adult-onset Still's disease	Diagnosis	ICD-10-CM
M06.2	Rheumatoid bursitis	Diagnosis	ICD-10-CM
M06.20	Rheumatoid bursitis, unspecified site	Diagnosis	ICD-10-CM
M06.21	Rheumatoid bursitis, shoulder	Diagnosis	ICD-10-CM
M06.211	Rheumatoid bursitis, right shoulder	Diagnosis	ICD-10-CM
M06.212	Rheumatoid bursitis, left shoulder	Diagnosis	ICD-10-CM
M06.219	Rheumatoid bursitis, unspecified shoulder	Diagnosis	ICD-10-CM
M06.22	Rheumatoid bursitis, elbow	Diagnosis	ICD-10-CM
M06.221	Rheumatoid bursitis, right elbow	Diagnosis	ICD-10-CM
M06.222	Rheumatoid bursitis, left elbow	Diagnosis	ICD-10-CM
M06.229	Rheumatoid bursitis, unspecified elbow	Diagnosis	ICD-10-CM
M06.23	Rheumatoid bursitis, wrist	Diagnosis	ICD-10-CM
M06.231	Rheumatoid bursitis, right wrist	Diagnosis	ICD-10-CM
M06.232	Rheumatoid bursitis, left wrist	Diagnosis	ICD-10-CM
M06.239	Rheumatoid bursitis, unspecified wrist	Diagnosis	ICD-10-CM
M06.24	Rheumatoid bursitis, hand	Diagnosis	ICD-10-CM
M06.241	Rheumatoid bursitis, right hand	Diagnosis	ICD-10-CM
M06.242	Rheumatoid bursitis, left hand	Diagnosis	ICD-10-CM
M06.249	Rheumatoid bursitis, unspecified hand	Diagnosis	ICD-10-CM
M06.25	Rheumatoid bursitis, hip	Diagnosis	ICD-10-CM
M06.251	Rheumatoid bursitis, right hip	Diagnosis	ICD-10-CM
M06.252	Rheumatoid bursitis, left hip	Diagnosis	ICD-10-CM
M06.259	Rheumatoid bursitis, unspecified hip	Diagnosis	ICD-10-CM
M06.26	Rheumatoid bursitis, knee	Diagnosis	ICD-10-CM
M06.261	Rheumatoid bursitis, right knee	Diagnosis	ICD-10-CM
M06.262	Rheumatoid bursitis, left knee	Diagnosis	ICD-10-CM
M06.269	Rheumatoid bursitis, unspecified knee	Diagnosis	ICD-10-CM
M06.27	Rheumatoid bursitis, ankle and foot	Diagnosis	ICD-10-CM
M06.271	Rheumatoid bursitis, right ankle and foot	Diagnosis	ICD-10-CM
M06.272	Rheumatoid bursitis, left ankle and foot	Diagnosis	ICD-10-CM
M06.279	Rheumatoid bursitis, unspecified ankle and foot	Diagnosis	ICD-10-CM
M06.28	Rheumatoid bursitis, vertebrae	Diagnosis	ICD-10-CM
M06.29	Rheumatoid bursitis, multiple sites	Diagnosis	ICD-10-CM
M06.3	Rheumatoid nodule	Diagnosis	ICD-10-CM

**Appendix G. List of International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, Healthcare Common Procedure Coding System (HCPCS), Current Procedural Terminology, Fourth Edition (CPT-4) and Third Edition (CPT Category III) Procedure Codes Used to Define Inclusion and Exclusion Criteria in this Request**

<b>Code</b>	<b>Description</b>	<b>Code Category</b>	<b>Code Type</b>
M06.30	Rheumatoid nodule, unspecified site	Diagnosis	ICD-10-CM
M06.31	Rheumatoid nodule, shoulder	Diagnosis	ICD-10-CM
M06.311	Rheumatoid nodule, right shoulder	Diagnosis	ICD-10-CM
M06.312	Rheumatoid nodule, left shoulder	Diagnosis	ICD-10-CM
M06.319	Rheumatoid nodule, unspecified shoulder	Diagnosis	ICD-10-CM
M06.32	Rheumatoid nodule, elbow	Diagnosis	ICD-10-CM
M06.321	Rheumatoid nodule, right elbow	Diagnosis	ICD-10-CM
M06.322	Rheumatoid nodule, left elbow	Diagnosis	ICD-10-CM
M06.329	Rheumatoid nodule, unspecified elbow	Diagnosis	ICD-10-CM
M06.33	Rheumatoid nodule, wrist	Diagnosis	ICD-10-CM
M06.331	Rheumatoid nodule, right wrist	Diagnosis	ICD-10-CM
M06.332	Rheumatoid nodule, left wrist	Diagnosis	ICD-10-CM
M06.339	Rheumatoid nodule, unspecified wrist	Diagnosis	ICD-10-CM
M06.34	Rheumatoid nodule, hand	Diagnosis	ICD-10-CM
M06.341	Rheumatoid nodule, right hand	Diagnosis	ICD-10-CM
M06.342	Rheumatoid nodule, left hand	Diagnosis	ICD-10-CM
M06.349	Rheumatoid nodule, unspecified hand	Diagnosis	ICD-10-CM
M06.35	Rheumatoid nodule, hip	Diagnosis	ICD-10-CM
M06.351	Rheumatoid nodule, right hip	Diagnosis	ICD-10-CM
M06.352	Rheumatoid nodule, left hip	Diagnosis	ICD-10-CM
M06.359	Rheumatoid nodule, unspecified hip	Diagnosis	ICD-10-CM
M06.36	Rheumatoid nodule, knee	Diagnosis	ICD-10-CM
M06.361	Rheumatoid nodule, right knee	Diagnosis	ICD-10-CM
M06.362	Rheumatoid nodule, left knee	Diagnosis	ICD-10-CM
M06.369	Rheumatoid nodule, unspecified knee	Diagnosis	ICD-10-CM
M06.37	Rheumatoid nodule, ankle and foot	Diagnosis	ICD-10-CM
M06.371	Rheumatoid nodule, right ankle and foot	Diagnosis	ICD-10-CM
M06.372	Rheumatoid nodule, left ankle and foot	Diagnosis	ICD-10-CM
M06.379	Rheumatoid nodule, unspecified ankle and foot	Diagnosis	ICD-10-CM
M06.38	Rheumatoid nodule, vertebrae	Diagnosis	ICD-10-CM
M06.39	Rheumatoid nodule, multiple sites	Diagnosis	ICD-10-CM
M06.8	Other specified rheumatoid arthritis	Diagnosis	ICD-10-CM
M06.80	Other specified rheumatoid arthritis, unspecified site	Diagnosis	ICD-10-CM
M06.81	Other specified rheumatoid arthritis, shoulder	Diagnosis	ICD-10-CM
M06.811	Other specified rheumatoid arthritis, right shoulder	Diagnosis	ICD-10-CM
M06.812	Other specified rheumatoid arthritis, left shoulder	Diagnosis	ICD-10-CM
M06.819	Other specified rheumatoid arthritis, unspecified shoulder	Diagnosis	ICD-10-CM
M06.82	Other specified rheumatoid arthritis, elbow	Diagnosis	ICD-10-CM
M06.821	Other specified rheumatoid arthritis, right elbow	Diagnosis	ICD-10-CM
M06.822	Other specified rheumatoid arthritis, left elbow	Diagnosis	ICD-10-CM
M06.829	Other specified rheumatoid arthritis, unspecified elbow	Diagnosis	ICD-10-CM
M06.83	Other specified rheumatoid arthritis, wrist	Diagnosis	ICD-10-CM
M06.831	Other specified rheumatoid arthritis, right wrist	Diagnosis	ICD-10-CM



**Appendix G. List of International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, Healthcare Common Procedure Coding System (HCPCS), Current Procedural Terminology, Fourth Edition (CPT-4) and Third Edition (CPT Category III) Procedure Codes Used to Define Inclusion and Exclusion Criteria in this Request**

<b>Code</b>	<b>Description</b>	<b>Code Category</b>	<b>Code Type</b>
M06.832	Other specified rheumatoid arthritis, left wrist	Diagnosis	ICD-10-CM
M06.839	Other specified rheumatoid arthritis, unspecified wrist	Diagnosis	ICD-10-CM
M06.84	Other specified rheumatoid arthritis, hand	Diagnosis	ICD-10-CM
M06.841	Other specified rheumatoid arthritis, right hand	Diagnosis	ICD-10-CM
M06.842	Other specified rheumatoid arthritis, left hand	Diagnosis	ICD-10-CM
M06.849	Other specified rheumatoid arthritis, unspecified hand	Diagnosis	ICD-10-CM
M06.85	Other specified rheumatoid arthritis, hip	Diagnosis	ICD-10-CM
M06.851	Other specified rheumatoid arthritis, right hip	Diagnosis	ICD-10-CM
M06.852	Other specified rheumatoid arthritis, left hip	Diagnosis	ICD-10-CM
M06.859	Other specified rheumatoid arthritis, unspecified hip	Diagnosis	ICD-10-CM
M06.86	Other specified rheumatoid arthritis, knee	Diagnosis	ICD-10-CM
M06.861	Other specified rheumatoid arthritis, right knee	Diagnosis	ICD-10-CM
M06.862	Other specified rheumatoid arthritis, left knee	Diagnosis	ICD-10-CM
M06.869	Other specified rheumatoid arthritis, unspecified knee	Diagnosis	ICD-10-CM
M06.87	Other specified rheumatoid arthritis, ankle and foot	Diagnosis	ICD-10-CM
M06.871	Other specified rheumatoid arthritis, right ankle and foot	Diagnosis	ICD-10-CM
M06.872	Other specified rheumatoid arthritis, left ankle and foot	Diagnosis	ICD-10-CM
M06.879	Other specified rheumatoid arthritis, unspecified ankle and foot	Diagnosis	ICD-10-CM
M06.88	Other specified rheumatoid arthritis, vertebrae	Diagnosis	ICD-10-CM
M06.89	Other specified rheumatoid arthritis, multiple sites	Diagnosis	ICD-10-CM
M06.9	Rheumatoid arthritis, unspecified	Diagnosis	ICD-10-CM
M08.0	Unspecified juvenile rheumatoid arthritis	Diagnosis	ICD-10-CM
M08.00	Unspecified juvenile rheumatoid arthritis of unspecified site	Diagnosis	ICD-10-CM
M08.01	Unspecified juvenile rheumatoid arthritis, shoulder	Diagnosis	ICD-10-CM
M08.011	Unspecified juvenile rheumatoid arthritis, right shoulder	Diagnosis	ICD-10-CM
M08.012	Unspecified juvenile rheumatoid arthritis, left shoulder	Diagnosis	ICD-10-CM
M08.019	Unspecified juvenile rheumatoid arthritis, unspecified shoulder	Diagnosis	ICD-10-CM
M08.02	Unspecified juvenile rheumatoid arthritis of elbow	Diagnosis	ICD-10-CM
M08.021	Unspecified juvenile rheumatoid arthritis, right elbow	Diagnosis	ICD-10-CM
M08.022	Unspecified juvenile rheumatoid arthritis, left elbow	Diagnosis	ICD-10-CM
M08.029	Unspecified juvenile rheumatoid arthritis, unspecified elbow	Diagnosis	ICD-10-CM
M08.03	Unspecified juvenile rheumatoid arthritis, wrist	Diagnosis	ICD-10-CM
M08.031	Unspecified juvenile rheumatoid arthritis, right wrist	Diagnosis	ICD-10-CM
M08.032	Unspecified juvenile rheumatoid arthritis, left wrist	Diagnosis	ICD-10-CM
M08.039	Unspecified juvenile rheumatoid arthritis, unspecified wrist	Diagnosis	ICD-10-CM
M08.04	Unspecified juvenile rheumatoid arthritis, hand	Diagnosis	ICD-10-CM
M08.041	Unspecified juvenile rheumatoid arthritis, right hand	Diagnosis	ICD-10-CM
M08.042	Unspecified juvenile rheumatoid arthritis, left hand	Diagnosis	ICD-10-CM
M08.049	Unspecified juvenile rheumatoid arthritis, unspecified hand	Diagnosis	ICD-10-CM
M08.05	Unspecified juvenile rheumatoid arthritis, hip	Diagnosis	ICD-10-CM
M08.051	Unspecified juvenile rheumatoid arthritis, right hip	Diagnosis	ICD-10-CM
M08.052	Unspecified juvenile rheumatoid arthritis, left hip	Diagnosis	ICD-10-CM
M08.059	Unspecified juvenile rheumatoid arthritis, unspecified hip	Diagnosis	ICD-10-CM

**Appendix G. List of International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, Healthcare Common Procedure Coding System (HCPCS), Current Procedural Terminology, Fourth Edition (CPT-4) and Third Edition (CPT Category III) Procedure Codes Used to Define Inclusion and Exclusion Criteria in this Request**

<b>Code</b>	<b>Description</b>	<b>Code Category</b>	<b>Code Type</b>
M08.06	Unspecified juvenile rheumatoid arthritis, knee	Diagnosis	ICD-10-CM
M08.061	Unspecified juvenile rheumatoid arthritis, right knee	Diagnosis	ICD-10-CM
M08.062	Unspecified juvenile rheumatoid arthritis, left knee	Diagnosis	ICD-10-CM
M08.069	Unspecified juvenile rheumatoid arthritis, unspecified knee	Diagnosis	ICD-10-CM
M08.07	Unspecified juvenile rheumatoid arthritis, ankle and foot	Diagnosis	ICD-10-CM
M08.071	Unspecified juvenile rheumatoid arthritis, right ankle and foot	Diagnosis	ICD-10-CM
M08.072	Unspecified juvenile rheumatoid arthritis, left ankle and foot	Diagnosis	ICD-10-CM
M08.079	Unspecified juvenile rheumatoid arthritis, unspecified ankle and foot	Diagnosis	ICD-10-CM
M08.08	Unspecified juvenile rheumatoid arthritis, vertebrae	Diagnosis	ICD-10-CM
M08.09	Unspecified juvenile rheumatoid arthritis, multiple sites	Diagnosis	ICD-10-CM
M08.20	Juvenile rheumatoid arthritis with systemic onset, unspecified site	Diagnosis	ICD-10-CM
M08.21	Juvenile rheumatoid arthritis with systemic onset, shoulder	Diagnosis	ICD-10-CM
M08.211	Juvenile rheumatoid arthritis with systemic onset, right shoulder	Diagnosis	ICD-10-CM
M08.212	Juvenile rheumatoid arthritis with systemic onset, left shoulder	Diagnosis	ICD-10-CM
M08.219	Juvenile rheumatoid arthritis with systemic onset, unspecified shoulder	Diagnosis	ICD-10-CM
M08.22	Juvenile rheumatoid arthritis with systemic onset, elbow	Diagnosis	ICD-10-CM
M08.221	Juvenile rheumatoid arthritis with systemic onset, right elbow	Diagnosis	ICD-10-CM
M08.222	Juvenile rheumatoid arthritis with systemic onset, left elbow	Diagnosis	ICD-10-CM
M08.229	Juvenile rheumatoid arthritis with systemic onset, unspecified elbow	Diagnosis	ICD-10-CM
M08.23	Juvenile rheumatoid arthritis with systemic onset, wrist	Diagnosis	ICD-10-CM
M08.231	Juvenile rheumatoid arthritis with systemic onset, right wrist	Diagnosis	ICD-10-CM
M08.232	Juvenile rheumatoid arthritis with systemic onset, left wrist	Diagnosis	ICD-10-CM
M08.239	Juvenile rheumatoid arthritis with systemic onset, unspecified wrist	Diagnosis	ICD-10-CM
M08.24	Juvenile rheumatoid arthritis with systemic onset, hand	Diagnosis	ICD-10-CM
M08.241	Juvenile rheumatoid arthritis with systemic onset, right hand	Diagnosis	ICD-10-CM
M08.242	Juvenile rheumatoid arthritis with systemic onset, left hand	Diagnosis	ICD-10-CM
M08.249	Juvenile rheumatoid arthritis with systemic onset, unspecified hand	Diagnosis	ICD-10-CM
M08.25	Juvenile rheumatoid arthritis with systemic onset, hip	Diagnosis	ICD-10-CM
M08.251	Juvenile rheumatoid arthritis with systemic onset, right hip	Diagnosis	ICD-10-CM
M08.252	Juvenile rheumatoid arthritis with systemic onset, left hip	Diagnosis	ICD-10-CM
M08.259	Juvenile rheumatoid arthritis with systemic onset, unspecified hip	Diagnosis	ICD-10-CM
M08.26	Juvenile rheumatoid arthritis with systemic onset, knee	Diagnosis	ICD-10-CM
M08.261	Juvenile rheumatoid arthritis with systemic onset, right knee	Diagnosis	ICD-10-CM
M08.262	Juvenile rheumatoid arthritis with systemic onset, left knee	Diagnosis	ICD-10-CM
M08.269	Juvenile rheumatoid arthritis with systemic onset, unspecified knee	Diagnosis	ICD-10-CM
M08.27	Juvenile rheumatoid arthritis with systemic onset, ankle and foot	Diagnosis	ICD-10-CM
M08.271	Juvenile rheumatoid arthritis with systemic onset, right ankle and foot	Diagnosis	ICD-10-CM
M08.272	Juvenile rheumatoid arthritis with systemic onset, left ankle and foot	Diagnosis	ICD-10-CM
M08.279	Juvenile rheumatoid arthritis with systemic onset, unspecified ankle and foot	Diagnosis	ICD-10-CM
M08.28	Juvenile rheumatoid arthritis with systemic onset, vertebrae	Diagnosis	ICD-10-CM
M08.29	Juvenile rheumatoid arthritis with systemic onset, multiple sites	Diagnosis	ICD-10-CM
M08.4	Pauciarticular juvenile rheumatoid arthritis	Diagnosis	ICD-10-CM
M08.40	Pauciarticular juvenile rheumatoid arthritis, unspecified site	Diagnosis	ICD-10-CM



**Appendix G. List of International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, Healthcare Common Procedure Coding System (HCPCS), Current Procedural Terminology, Fourth Edition (CPT-4) and Third Edition (CPT Category III) Procedure Codes Used to Define Inclusion and Exclusion Criteria in this Request**

<b>Code</b>	<b>Description</b>	<b>Code Category</b>	<b>Code Type</b>
M08.41	Pauciarticular juvenile rheumatoid arthritis, shoulder	Diagnosis	ICD-10-CM
M08.411	Pauciarticular juvenile rheumatoid arthritis, right shoulder	Diagnosis	ICD-10-CM
M08.412	Pauciarticular juvenile rheumatoid arthritis, left shoulder	Diagnosis	ICD-10-CM
M08.419	Pauciarticular juvenile rheumatoid arthritis, unspecified shoulder	Diagnosis	ICD-10-CM
M08.42	Pauciarticular juvenile rheumatoid arthritis, elbow	Diagnosis	ICD-10-CM
M08.421	Pauciarticular juvenile rheumatoid arthritis, right elbow	Diagnosis	ICD-10-CM
M08.422	Pauciarticular juvenile rheumatoid arthritis, left elbow	Diagnosis	ICD-10-CM
M08.429	Pauciarticular juvenile rheumatoid arthritis, unspecified elbow	Diagnosis	ICD-10-CM
M08.43	Pauciarticular juvenile rheumatoid arthritis, wrist	Diagnosis	ICD-10-CM
M08.431	Pauciarticular juvenile rheumatoid arthritis, right wrist	Diagnosis	ICD-10-CM
M08.432	Pauciarticular juvenile rheumatoid arthritis, left wrist	Diagnosis	ICD-10-CM
M08.439	Pauciarticular juvenile rheumatoid arthritis, unspecified wrist	Diagnosis	ICD-10-CM
M08.44	Pauciarticular juvenile rheumatoid arthritis, hand	Diagnosis	ICD-10-CM
M08.441	Pauciarticular juvenile rheumatoid arthritis, right hand	Diagnosis	ICD-10-CM
M08.442	Pauciarticular juvenile rheumatoid arthritis, left hand	Diagnosis	ICD-10-CM
M08.449	Pauciarticular juvenile rheumatoid arthritis, unspecified hand	Diagnosis	ICD-10-CM
M08.45	Pauciarticular juvenile rheumatoid arthritis, hip	Diagnosis	ICD-10-CM
M08.451	Pauciarticular juvenile rheumatoid arthritis, right hip	Diagnosis	ICD-10-CM
M08.452	Pauciarticular juvenile rheumatoid arthritis, left hip	Diagnosis	ICD-10-CM
M08.459	Pauciarticular juvenile rheumatoid arthritis, unspecified hip	Diagnosis	ICD-10-CM
M08.46	Pauciarticular juvenile rheumatoid arthritis, knee	Diagnosis	ICD-10-CM
M08.461	Pauciarticular juvenile rheumatoid arthritis, right knee	Diagnosis	ICD-10-CM
M08.462	Pauciarticular juvenile rheumatoid arthritis, left knee	Diagnosis	ICD-10-CM
M08.469	Pauciarticular juvenile rheumatoid arthritis, unspecified knee	Diagnosis	ICD-10-CM
M08.47	Pauciarticular juvenile rheumatoid arthritis, ankle and foot	Diagnosis	ICD-10-CM
M08.471	Pauciarticular juvenile rheumatoid arthritis, right ankle and foot	Diagnosis	ICD-10-CM
M08.472	Pauciarticular juvenile rheumatoid arthritis, left ankle and foot	Diagnosis	ICD-10-CM
M08.479	Pauciarticular juvenile rheumatoid arthritis, unspecified ankle and foot	Diagnosis	ICD-10-CM
M08.48	Pauciarticular juvenile rheumatoid arthritis, vertebrae	Diagnosis	ICD-10-CM
<b>Psoriatic Arthritis</b>			
696.0	Psoriatic arthritis (PsA) Psoriatic arthropathy	Diagnosis	ICD-9-CM
L40.50	Arthropathic psoriasis, unspecified	Diagnosis	ICD-10-CM
L40.51	Distal interphalangeal psoriatic arthropathy	Diagnosis	ICD-10-CM
L40.52	Psoriatic arthritis mutilans	Diagnosis	ICD-10-CM
L40.53	Psoriatic spondylitis	Diagnosis	ICD-10-CM
L40.54	Psoriatic juvenile arthropathy	Diagnosis	ICD-10-CM
L40.59	Other psoriatic arthropathy	Diagnosis	ICD-10-CM
<b>Psoriasis</b>			
L40.0	Psoriasis vulgaris	Diagnosis	ICD-10-CM
L40.1	Generalized pustular psoriasis	Diagnosis	ICD-10-CM
L40.2	Acrodermatitis continua	Diagnosis	ICD-10-CM
L40.3	Pustulosis palmaris et plantaris	Diagnosis	ICD-10-CM
L40.4	Guttate psoriasis	Diagnosis	ICD-10-CM

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<b>Code</b>	<b>Description</b>	<b>Code Category</b>	<b>Code Type</b>
L40.8	Other psoriasis	Diagnosis	ICD-10-CM
L40.9	Psoriasis, unspecified	Diagnosis	ICD-10-CM
<b>Hidradenitis Suppurativa</b>			
705.83	Hidradenitis	Diagnosis	ICD-9-CM
L73.2	Hidradenitis	Diagnosis	ICD-10-CM
<b>Ankylosing Spondylitis</b>			
720.0	Ankylosing spondylitis	Diagnosis	ICD-9-CM
M08.1	Juvenile ankylosing spondylitis	Diagnosis	ICD-10-CM
M45.0	Ankylosing spondylitis of multiple sites in spine	Diagnosis	ICD-10-CM
M45.1	Ankylosing spondylitis of occipito-atlanto-axial region	Diagnosis	ICD-10-CM
M45.2	Ankylosing spondylitis of cervical region	Diagnosis	ICD-10-CM
M45.3	Ankylosing spondylitis of cervicothoracic region	Diagnosis	ICD-10-CM
M45.4	Ankylosing spondylitis of thoracic region	Diagnosis	ICD-10-CM
M45.5	Ankylosing spondylitis of thoracolumbar region	Diagnosis	ICD-10-CM
M45.6	Ankylosing spondylitis lumbar region	Diagnosis	ICD-10-CM
M45.7	Ankylosing spondylitis of lumbosacral region	Diagnosis	ICD-10-CM
M45.8	Ankylosing spondylitis sacral and sacrococcygeal region	Diagnosis	ICD-10-CM
M45.9	Ankylosing spondylitis of unspecified sites in spine	Diagnosis	ICD-10-CM
<b>Uveitis</b>			
A18.53	Tuberculous chorioretinitis	Diagnosis	ICD-10-CM
A18.54	Tuberculous iridocyclitis	Diagnosis	ICD-10-CM
A50.32	Late congenital syphilitic chorioretinitis	Diagnosis	ICD-10-CM
A54.32	Gonococcal iridocyclitis	Diagnosis	ICD-10-CM
B00.51	Herpesviral iridocyclitis	Diagnosis	ICD-10-CM
B02.32	Zoster iridocyclitis	Diagnosis	ICD-10-CM
B58.01	Toxoplasma chorioretinitis	Diagnosis	ICD-10-CM
D86.83	Sarcoid iridocyclitis	Diagnosis	ICD-10-CM
H20	Iridocyclitis	Diagnosis	ICD-10-CM
H20.0	Acute and subacute iridocyclitis	Diagnosis	ICD-10-CM
H20.00	Unspecified acute and subacute iridocyclitis	Diagnosis	ICD-10-CM
H20.01	Primary iridocyclitis	Diagnosis	ICD-10-CM
H20.011	Primary iridocyclitis, right eye	Diagnosis	ICD-10-CM
H20.012	Primary iridocyclitis, left eye	Diagnosis	ICD-10-CM
H20.013	Primary iridocyclitis, bilateral	Diagnosis	ICD-10-CM
H20.019	Primary iridocyclitis, unspecified eye	Diagnosis	ICD-10-CM
H20.02	Recurrent acute iridocyclitis	Diagnosis	ICD-10-CM
H20.021	Recurrent acute iridocyclitis, right eye	Diagnosis	ICD-10-CM
H20.022	Recurrent acute iridocyclitis, left eye	Diagnosis	ICD-10-CM
H20.023	Recurrent acute iridocyclitis, bilateral	Diagnosis	ICD-10-CM
H20.029	Recurrent acute iridocyclitis, unspecified eye	Diagnosis	ICD-10-CM
H20.03	Secondary infectious iridocyclitis	Diagnosis	ICD-10-CM
H20.031	Secondary infectious iridocyclitis, right eye	Diagnosis	ICD-10-CM
H20.032	Secondary infectious iridocyclitis, left eye	Diagnosis	ICD-10-CM

**Appendix G. List of International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, Healthcare Common Procedure Coding System (HCPCS), Current Procedural Terminology, Fourth Edition (CPT-4) and Third Edition (CPT Category III) Procedure Codes Used to Define Inclusion and Exclusion Criteria in this Request**

<b>Code</b>	<b>Description</b>	<b>Code Category</b>	<b>Code Type</b>
H20.033	Secondary infectious iridocyclitis, bilateral	Diagnosis	ICD-10-CM
H20.039	Secondary infectious iridocyclitis, unspecified eye	Diagnosis	ICD-10-CM
H20.04	Secondary noninfectious iridocyclitis	Diagnosis	ICD-10-CM
H20.041	Secondary noninfectious iridocyclitis, right eye	Diagnosis	ICD-10-CM
H20.042	Secondary noninfectious iridocyclitis, left eye	Diagnosis	ICD-10-CM
H20.043	Secondary noninfectious iridocyclitis, bilateral	Diagnosis	ICD-10-CM
H20.049	Secondary noninfectious iridocyclitis, unspecified eye	Diagnosis	ICD-10-CM
H20.1	Chronic iridocyclitis	Diagnosis	ICD-10-CM
H20.10	Chronic iridocyclitis, unspecified eye	Diagnosis	ICD-10-CM
H20.11	Chronic iridocyclitis, right eye	Diagnosis	ICD-10-CM
H20.12	Chronic iridocyclitis, left eye	Diagnosis	ICD-10-CM
H20.13	Chronic iridocyclitis, bilateral	Diagnosis	ICD-10-CM
H20.2	Lens-induced iridocyclitis	Diagnosis	ICD-10-CM
H20.20	Lens-induced iridocyclitis, unspecified eye	Diagnosis	ICD-10-CM
H20.21	Lens-induced iridocyclitis, right eye	Diagnosis	ICD-10-CM
H20.22	Lens-induced iridocyclitis, left eye	Diagnosis	ICD-10-CM
H20.23	Lens-induced iridocyclitis, bilateral	Diagnosis	ICD-10-CM
H20.8	Other iridocyclitis	Diagnosis	ICD-10-CM
H20.9	Unspecified iridocyclitis	Diagnosis	ICD-10-CM
H30	Chorioretinal inflammation	Diagnosis	ICD-10-CM
H30.0	Focal chorioretinal inflammation	Diagnosis	ICD-10-CM
H30.00	Unspecified focal chorioretinal inflammation	Diagnosis	ICD-10-CM
H30.001	Unspecified focal chorioretinal inflammation, right eye	Diagnosis	ICD-10-CM
H30.002	Unspecified focal chorioretinal inflammation, left eye	Diagnosis	ICD-10-CM
H30.003	Unspecified focal chorioretinal inflammation, bilateral	Diagnosis	ICD-10-CM
H30.009	Unspecified focal chorioretinal inflammation, unspecified eye	Diagnosis	ICD-10-CM
H30.01	Focal chorioretinal inflammation, juxtapapillary	Diagnosis	ICD-10-CM
H30.011	Focal chorioretinal inflammation, juxtapapillary, right eye	Diagnosis	ICD-10-CM
H30.012	Focal chorioretinal inflammation, juxtapapillary, left eye	Diagnosis	ICD-10-CM
H30.013	Focal chorioretinal inflammation, juxtapapillary, bilateral	Diagnosis	ICD-10-CM
H30.019	Focal chorioretinal inflammation, juxtapapillary, unspecified eye	Diagnosis	ICD-10-CM
H30.02	Focal chorioretinal inflammation of posterior pole	Diagnosis	ICD-10-CM
H30.021	Focal chorioretinal inflammation of posterior pole, right eye	Diagnosis	ICD-10-CM
H30.022	Focal chorioretinal inflammation of posterior pole, left eye	Diagnosis	ICD-10-CM
H30.023	Focal chorioretinal inflammation of posterior pole, bilateral	Diagnosis	ICD-10-CM
H30.029	Focal chorioretinal inflammation of posterior pole, unspecified eye	Diagnosis	ICD-10-CM
H30.03	Focal chorioretinal inflammation, peripheral	Diagnosis	ICD-10-CM
H30.031	Focal chorioretinal inflammation, peripheral, right eye	Diagnosis	ICD-10-CM
H30.032	Focal chorioretinal inflammation, peripheral, left eye	Diagnosis	ICD-10-CM
H30.033	Focal chorioretinal inflammation, peripheral, bilateral	Diagnosis	ICD-10-CM
H30.039	Focal chorioretinal inflammation, peripheral, unspecified eye	Diagnosis	ICD-10-CM
H30.04	Focal chorioretinal inflammation, macular or paramacular	Diagnosis	ICD-10-CM
H30.041	Focal chorioretinal inflammation, macular or paramacular, right eye	Diagnosis	ICD-10-CM

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<b>Code</b>	<b>Description</b>	<b>Code Category</b>	<b>Code Type</b>
H30.042	Focal chorioretinal inflammation, macular or paramacular, left eye	Diagnosis	ICD-10-CM
H30.043	Focal chorioretinal inflammation, macular or paramacular, bilateral	Diagnosis	ICD-10-CM
H30.049	Focal chorioretinal inflammation, macular or paramacular, unspecified eye	Diagnosis	ICD-10-CM
H30.1	Disseminated chorioretinal inflammation	Diagnosis	ICD-10-CM
H30.10	Unspecified disseminated chorioretinal inflammation	Diagnosis	ICD-10-CM
H30.101	Unspecified disseminated chorioretinal inflammation, right eye	Diagnosis	ICD-10-CM
H30.102	Unspecified disseminated chorioretinal inflammation, left eye	Diagnosis	ICD-10-CM
H30.103	Unspecified disseminated chorioretinal inflammation, bilateral	Diagnosis	ICD-10-CM
H30.109	Unspecified disseminated chorioretinal inflammation, unspecified eye	Diagnosis	ICD-10-CM
H30.11	Disseminated chorioretinal inflammation of posterior pole	Diagnosis	ICD-10-CM
H30.111	Disseminated chorioretinal inflammation of posterior pole, right eye	Diagnosis	ICD-10-CM
H30.112	Disseminated chorioretinal inflammation of posterior pole, left eye	Diagnosis	ICD-10-CM
H30.113	Disseminated chorioretinal inflammation of posterior pole, bilateral	Diagnosis	ICD-10-CM
H30.119	Disseminated chorioretinal inflammation of posterior pole, unspecified eye	Diagnosis	ICD-10-CM
H30.12	Disseminated chorioretinal inflammation, peripheral	Diagnosis	ICD-10-CM
H30.121	Disseminated chorioretinal inflammation, peripheral right eye	Diagnosis	ICD-10-CM
H30.122	Disseminated chorioretinal inflammation, peripheral, left eye	Diagnosis	ICD-10-CM
H30.123	Disseminated chorioretinal inflammation, peripheral, bilateral	Diagnosis	ICD-10-CM
H30.129	Disseminated chorioretinal inflammation, peripheral, unspecified eye	Diagnosis	ICD-10-CM
H30.13	Disseminated chorioretinal inflammation, generalized	Diagnosis	ICD-10-CM
H30.131	Disseminated chorioretinal inflammation, generalized, right eye	Diagnosis	ICD-10-CM
H30.132	Disseminated chorioretinal inflammation, generalized, left eye	Diagnosis	ICD-10-CM
H30.133	Disseminated chorioretinal inflammation, generalized, bilateral	Diagnosis	ICD-10-CM
H30.139	Disseminated chorioretinal inflammation, generalized, unspecified eye	Diagnosis	ICD-10-CM
H30.8	Other chorioretinal inflammations	Diagnosis	ICD-10-CM
H30.89	Other chorioretinal inflammations	Diagnosis	ICD-10-CM
H30.891	Other chorioretinal inflammations, right eye	Diagnosis	ICD-10-CM
H30.892	Other chorioretinal inflammations, left eye	Diagnosis	ICD-10-CM
H30.893	Other chorioretinal inflammations, bilateral	Diagnosis	ICD-10-CM
H30.899	Other chorioretinal inflammations, unspecified eye	Diagnosis	ICD-10-CM
H30.9	Unspecified chorioretinal inflammation	Diagnosis	ICD-10-CM
H30.90	Unspecified chorioretinal inflammation, unspecified eye	Diagnosis	ICD-10-CM
H30.91	Unspecified chorioretinal inflammation, right eye	Diagnosis	ICD-10-CM
H30.92	Unspecified chorioretinal inflammation, left eye	Diagnosis	ICD-10-CM
H30.93	Unspecified chorioretinal inflammation, bilateral	Diagnosis	ICD-10-CM
H35.71	Central serous chorioretinopathy	Diagnosis	ICD-10-CM
H35.711	Central serous chorioretinopathy, right eye	Diagnosis	ICD-10-CM
H35.712	Central serous chorioretinopathy, left eye	Diagnosis	ICD-10-CM
H35.713	Central serous chorioretinopathy, bilateral	Diagnosis	ICD-10-CM
H35.719	Central serous chorioretinopathy, unspecified eye	Diagnosis	ICD-10-CM
H44.11	Panuveitis	Diagnosis	ICD-10-CM
H44.111	Panuveitis, right eye	Diagnosis	ICD-10-CM
H44.112	Panuveitis, left eye	Diagnosis	ICD-10-CM

**Appendix G. List of International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, Healthcare Common Procedure Coding System (HCPCS), Current Procedural Terminology, Fourth Edition (CPT-4) and Third Edition (CPT Category III) Procedure Codes Used to Define Inclusion and Exclusion Criteria in this Request**

<b>Code</b>	<b>Description</b>	<b>Code Category</b>	<b>Code Type</b>
H44.113	Panuveitis, bilateral	Diagnosis	ICD-10-CM
H44.119	Panuveitis, unspecified eye	Diagnosis	ICD-10-CM
H44.13	Sympathetic uveitis	Diagnosis	ICD-10-CM
H44.131	Sympathetic uveitis, right eye	Diagnosis	ICD-10-CM
H44.132	Sympathetic uveitis, left eye	Diagnosis	ICD-10-CM
H44.133	Sympathetic uveitis, bilateral	Diagnosis	ICD-10-CM
H44.139	Sympathetic uveitis, unspecified eye	Diagnosis	ICD-10-CM
<b>Human Immunodeficiency Virus/Acquired Immunodeficiency Syndrome (HIV/AIDS)</b>			
B20	Human immunodeficiency virus [HIV] disease	Diagnosis	ICD-10-CM
B97.35	Human immunodeficiency virus, type 2 [HIV 2] as the cause of diseases classified elsewhere	Diagnosis	ICD-10-CM
O98.7	Human immunodeficiency virus [HIV] disease complicating pregnancy, childbirth and the puerperium	Diagnosis	ICD-10-CM
O98.71	Human immunodeficiency virus [HIV] disease complicating pregnancy	Diagnosis	ICD-10-CM
O98.711	Human immunodeficiency virus [HIV] disease complicating pregnancy, first trimester	Diagnosis	ICD-10-CM
O98.712	Human immunodeficiency virus [HIV] disease complicating pregnancy, second trimester	Diagnosis	ICD-10-CM
O98.713	Human immunodeficiency virus [HIV] disease complicating pregnancy, third trimester	Diagnosis	ICD-10-CM
O98.719	Human immunodeficiency virus [HIV] disease complicating pregnancy, unspecified trimester	Diagnosis	ICD-10-CM
O98.72	Human immunodeficiency virus [HIV] disease complicating childbirth	Diagnosis	ICD-10-CM
O98.73	Human immunodeficiency virus [HIV] disease complicating the puerperium	Diagnosis	ICD-10-CM
Z21	Asymptomatic human immunodeficiency virus [HIV] infection status	Diagnosis	ICD-10-CM
<b>Organ Transplantation</b>			
C80.2	Malignant neoplasm associated with transplanted organ	Diagnosis	ICD-10-CM
D47.Z1	Post-transplant lymphoproliferative disorder (PTLD)	Diagnosis	ICD-10-CM
I25.7	Atherosclerosis of coronary artery bypass graft(s) and coronary artery of transplanted heart with angina pectoris	Diagnosis	ICD-10-CM
I25.75	Atherosclerosis of native coronary artery of transplanted heart with angina pectoris	Diagnosis	ICD-10-CM
I25.750	Atherosclerosis of native coronary artery of transplanted heart with unstable angina	Diagnosis	ICD-10-CM
I25.751	Atherosclerosis of native coronary artery of transplanted heart with angina pectoris with documented spasm	Diagnosis	ICD-10-CM
I25.758	Atherosclerosis of native coronary artery of transplanted heart with other forms of angina pectoris	Diagnosis	ICD-10-CM
I25.759	Atherosclerosis of native coronary artery of transplanted heart with unspecified angina pectoris	Diagnosis	ICD-10-CM
I25.76	Atherosclerosis of bypass graft of coronary artery of transplanted heart with angina pectoris	Diagnosis	ICD-10-CM

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<b>Code</b>	<b>Description</b>	<b>Code Category</b>	<b>Code Type</b>
I25.760	Atherosclerosis of bypass graft of coronary artery of transplanted heart with unstable angina	Diagnosis	ICD-10-CM
I25.761	Atherosclerosis of bypass graft of coronary artery of transplanted heart with angina pectoris with documented spasm	Diagnosis	ICD-10-CM
I25.768	Atherosclerosis of bypass graft of coronary artery of transplanted heart with other forms of angina pectoris	Diagnosis	ICD-10-CM
I25.769	Atherosclerosis of bypass graft of coronary artery of transplanted heart with unspecified angina pectoris	Diagnosis	ICD-10-CM
I25.811	Atherosclerosis of native coronary artery of transplanted heart without angina pectoris	Diagnosis	ICD-10-CM
I25.812	Atherosclerosis of bypass graft of coronary artery of transplanted heart without angina pectoris	Diagnosis	ICD-10-CM
T86	Complications of transplanted organs and tissue	Diagnosis	ICD-10-CM
T86.0	Complications of bone marrow transplant	Diagnosis	ICD-10-CM
T86.00	Unspecified complication of bone marrow transplant	Diagnosis	ICD-10-CM
T86.01	Bone marrow transplant rejection	Diagnosis	ICD-10-CM
T86.02	Bone marrow transplant failure	Diagnosis	ICD-10-CM
T86.03	Bone marrow transplant infection	Diagnosis	ICD-10-CM
T86.09	Other complications of bone marrow transplant	Diagnosis	ICD-10-CM
T86.1	Complications of kidney transplant	Diagnosis	ICD-10-CM
T86.10	Unspecified complication of kidney transplant	Diagnosis	ICD-10-CM
T86.11	Kidney transplant rejection	Diagnosis	ICD-10-CM
T86.12	Kidney transplant failure	Diagnosis	ICD-10-CM
T86.13	Kidney transplant infection	Diagnosis	ICD-10-CM
T86.19	Other complication of kidney transplant	Diagnosis	ICD-10-CM
T86.2	Complications of heart transplant	Diagnosis	ICD-10-CM
T86.20	Unspecified complication of heart transplant	Diagnosis	ICD-10-CM
T86.21	Heart transplant rejection	Diagnosis	ICD-10-CM
T86.22	Heart transplant failure	Diagnosis	ICD-10-CM
T86.23	Heart transplant infection	Diagnosis	ICD-10-CM
T86.29	Other complications of heart transplant	Diagnosis	ICD-10-CM
T86.290	Cardiac allograft vasculopathy	Diagnosis	ICD-10-CM
T86.298	Other complications of heart transplant	Diagnosis	ICD-10-CM
T86.3	Complications of heart-lung transplant	Diagnosis	ICD-10-CM
T86.30	Unspecified complication of heart-lung transplant	Diagnosis	ICD-10-CM
T86.31	Heart-lung transplant rejection	Diagnosis	ICD-10-CM
T86.32	Heart-lung transplant failure	Diagnosis	ICD-10-CM
T86.33	Heart-lung transplant infection	Diagnosis	ICD-10-CM
T86.39	Other complications of heart-lung transplant	Diagnosis	ICD-10-CM
T86.4	Complications of liver transplant	Diagnosis	ICD-10-CM
T86.40	Unspecified complication of liver transplant	Diagnosis	ICD-10-CM
T86.41	Liver transplant rejection	Diagnosis	ICD-10-CM
T86.42	Liver transplant failure	Diagnosis	ICD-10-CM



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<b>Code</b>	<b>Description</b>	<b>Code Category</b>	<b>Code Type</b>
T86.43	Liver transplant infection	Diagnosis	ICD-10-CM
T86.49	Other complications of liver transplant	Diagnosis	ICD-10-CM
T86.5	Complications of stem cell transplant	Diagnosis	ICD-10-CM
T86.8	Complications of other transplanted organs and tissues	Diagnosis	ICD-10-CM
T86.81	Complications of lung transplant	Diagnosis	ICD-10-CM
T86.810	Lung transplant rejection	Diagnosis	ICD-10-CM
T86.811	Lung transplant failure	Diagnosis	ICD-10-CM
T86.812	Lung transplant infection	Diagnosis	ICD-10-CM
T86.818	Other complications of lung transplant	Diagnosis	ICD-10-CM
T86.819	Unspecified complication of lung transplant	Diagnosis	ICD-10-CM
T86.838	Other complications of bone graft	Diagnosis	ICD-10-CM
T86.839	Unspecified complication of bone graft	Diagnosis	ICD-10-CM
T86.85	Complication of intestine transplant	Diagnosis	ICD-10-CM
T86.850	Intestine transplant rejection	Diagnosis	ICD-10-CM
T86.851	Intestine transplant failure	Diagnosis	ICD-10-CM
T86.852	Intestine transplant infection	Diagnosis	ICD-10-CM
T86.858	Other complications of intestine transplant	Diagnosis	ICD-10-CM
T86.859	Unspecified complication of intestine transplant	Diagnosis	ICD-10-CM
T86.9	Complication of unspecified transplanted organ and tissue	Diagnosis	ICD-10-CM
T86.90	Unspecified complication of unspecified transplanted organ and tissue	Diagnosis	ICD-10-CM
T86.91	Unspecified transplanted organ and tissue rejection	Diagnosis	ICD-10-CM
T86.92	Unspecified transplanted organ and tissue failure	Diagnosis	ICD-10-CM
T86.93	Unspecified transplanted organ and tissue infection	Diagnosis	ICD-10-CM
T86.99	Other complications of unspecified transplanted organ and tissue	Diagnosis	ICD-10-CM
Y83.0	Surgical operation with transplant of whole organ as the cause of abnormal reaction of the patient, or of later complication, without mention of misadventure at the time of the procedure	Diagnosis	ICD-10-CM
Z48.2	Encounter for aftercare following organ transplant	Diagnosis	ICD-10-CM
Z48.21	Encounter for aftercare following heart transplant	Diagnosis	ICD-10-CM
Z48.22	Encounter for aftercare following kidney transplant	Diagnosis	ICD-10-CM
Z48.23	Encounter for aftercare following liver transplant	Diagnosis	ICD-10-CM
Z48.24	Encounter for aftercare following lung transplant	Diagnosis	ICD-10-CM
Z48.28	Encounter for aftercare following multiple organ transplant	Diagnosis	ICD-10-CM
Z48.280	Encounter for aftercare following heart-lung transplant	Diagnosis	ICD-10-CM
Z48.288	Encounter for aftercare following multiple organ transplant	Diagnosis	ICD-10-CM
Z48.29	Encounter for aftercare following other organ transplant	Diagnosis	ICD-10-CM
Z48.290	Encounter for aftercare following bone marrow transplant	Diagnosis	ICD-10-CM
Z48.298	Encounter for aftercare following other organ transplant	Diagnosis	ICD-10-CM
Z94.0	Kidney transplant status	Diagnosis	ICD-10-CM
Z94.1	Heart transplant status	Diagnosis	ICD-10-CM
Z94.2	Lung transplant status	Diagnosis	ICD-10-CM
Z94.3	Heart and lungs transplant status	Diagnosis	ICD-10-CM
Z94.4	Liver transplant status	Diagnosis	ICD-10-CM

**Appendix G. List of International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, Healthcare Common Procedure Coding System (HCPCS), Current Procedural Terminology, Fourth Edition (CPT-4) and Third Edition (CPT Category III) Procedure Codes Used to Define Inclusion and Exclusion Criteria in this Request**

<b>Code</b>	<b>Description</b>	<b>Code Category</b>	<b>Code Type</b>
Z94.6	Bone transplant status	Diagnosis	ICD-10-CM
Z94.8	Other transplanted organ and tissue status	Diagnosis	ICD-10-CM
Z94.81	Bone marrow transplant status	Diagnosis	ICD-10-CM
Z94.82	Intestine transplant status	Diagnosis	ICD-10-CM
Z94.83	Pancreas transplant status	Diagnosis	ICD-10-CM
Z94.84	Stem cells transplant status	Diagnosis	ICD-10-CM
Z98.85	Transplanted organ removal status	Diagnosis	ICD-10-CM
0141T	Pancreatic islet cell transplantation through portal vein, percutaneous	Procedure	CPT Category III
0142T	Pancreatic islet cell transplantation through portal vein, open	Procedure	CPT Category III
0143T	Laparoscopy, surgical, pancreatic islet cell transplantation through portal vein	Procedure	CPT Category III
0584T	Islet cell transplant, includes portal vein catheterization and infusion, including all imaging, including guidance, and radiological supervision and interpretation, when performed; percutaneous	Procedure	CPT Category III
0585T	Islet cell transplant, includes portal vein catheterization and infusion, including all imaging, including guidance, and radiological supervision and interpretation, when performed; laparoscopic	Procedure	CPT Category III
0586T	Islet cell transplant, includes portal vein catheterization and infusion, including all imaging, including guidance, and radiological supervision and interpretation, when performed; open	Procedure	CPT Category III
33935	Heart-lung transplant with recipient cardiectomy-pneumonectomy	Procedure	CPT-4
33945	Heart transplant, with or without recipient cardiectomy	Procedure	CPT-4
47135	Liver allotransplantation; orthotopic, partial or whole, from cadaver or living donor, any age	Procedure	CPT-4
50360	Renal allotransplantation, implantation of graft; without recipient nephrectomy	Procedure	CPT-4
50365	Renal allotransplantation, implantation of graft; with recipient nephrectomy	Procedure	CPT-4
50370	Removal of transplanted renal allograft	Procedure	CPT-4
00580	Anesthesia for heart transplant or heart/lung transplant	Procedure	CPT-4
00796	Anesthesia for intraperitoneal procedures in upper abdomen including laparoscopy; liver transplant (recipient)	Procedure	CPT-4
00868	Anesthesia for extraperitoneal procedures in lower abdomen, including urinary tract; renal transplant (recipient)	Procedure	CPT-4
32851	Lung transplant, single; without cardiopulmonary bypass	Procedure	CPT-4
32852	Lung transplant, single; with cardiopulmonary bypass	Procedure	CPT-4
32853	Lung transplant, double (bilateral sequential or en bloc); without cardiopulmonary bypass	Procedure	CPT-4
32854	Lung transplant, double (bilateral sequential or en bloc); with cardiopulmonary bypass	Procedure	CPT-4
38240	Hematopoietic progenitor cell (HPC); allogeneic transplantation per donor	Procedure	CPT-4
38241	Hematopoietic progenitor cell (HPC); autologous transplantation	Procedure	CPT-4
38242	Allogeneic lymphocyte infusions	Procedure	CPT-4
38243	Hematopoietic progenitor cell (HPC); HPC boost	Procedure	CPT-4
44135	Intestinal allotransplantation; from cadaver donor	Procedure	CPT-4



**Appendix G. List of International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, Healthcare Common Procedure Coding System (HCPCS), Current Procedural Terminology, Fourth Edition (CPT-4) and Third Edition (CPT Category III) Procedure Codes Used to Define Inclusion and Exclusion Criteria in this Request**

<b>Code</b>	<b>Description</b>	<b>Code Category</b>	<b>Code Type</b>
44136	Intestinal allotransplantation; from living donor	Procedure	CPT-4
44137	Removal of transplanted intestinal allograft, complete	Procedure	CPT-4
47136	Liver allotransplantation; heterotopic, partial or whole, from cadaver or living donor, any age	Procedure	CPT-4
48160	Pancreatectomy, total or subtotal, with autologous transplantation of pancreas or pancreatic islet cells	Procedure	CPT-4
48554	Transplantation of pancreatic allograft	Procedure	CPT-4
48556	Removal of transplanted pancreatic allograft	Procedure	CPT-4
76776	Ultrasound, transplanted kidney, real time and duplex Doppler with image documentation	Procedure	CPT-4
76778	Ultrasound, transplanted kidney, B-scan and/or real time with image documentation, with or without duplex Doppler study	Procedure	CPT-4
G0341	Percutaneous islet cell transplant, includes portal vein catheterization and infusion	Procedure	HCPCS
G0342	Laparoscopy for islet cell transplant, includes portal vein catheterization and infusion	Procedure	HCPCS
G0343	Laparotomy for islet cell transplant, includes portal vein catheterization and infusion	Procedure	HCPCS
G0369	Pharmacy supply fee for initial immunosuppressive drugs first month following transplant.	Procedure	HCPCS
Q0510	Pharmacy supply fee for initial immunosuppressive drug(s), first month following transplant	Procedure	HCPCS
S2052	Transplantation of small intestine allograft (there are cpt codes available for intestinal allotransplantation - 44135 for graft from cadaver donor or 44136 for graft from living donor)	Procedure	HCPCS
S2053	Transplantation of small intestine and liver allografts	Procedure	HCPCS
S2054	Transplantation of multivisceral organs	Procedure	HCPCS
S2060	Lobar lung transplantation	Procedure	HCPCS
S2065	Simultaneous pancreas kidney transplantation	Procedure	HCPCS
S2102	Islet cell tissue transplant from pancreas; allogeneic	Procedure	HCPCS
S2142	Cord blood-derived stem-cell transplantation, allogeneic	Procedure	HCPCS
S2150	Bone marrow or blood-derived stem cells (peripheral or umbilical), allogeneic or autologous, harvesting, transplantation, and related complications; including: pheresis and cell preparation/storage; marrow ablative therapy; drugs, supplies, hospitalization with outpatient follow-up; medical/surgical, diagnostic, emergency, and rehabilitative services; and the number of days of pre- and posttransplant care in the global definition	Procedure	HCPCS
02Y	Heart and Great Vessels, Transplantation	Procedure	ICD-10-PCS
02YA	Transplantation / Heart	Procedure	ICD-10-PCS
02YA0Z0	Transplantation of Heart, Allogeneic, Open Approach	Procedure	ICD-10-PCS
02YA0Z1	Transplantation of Heart, Syngeneic, Open Approach	Procedure	ICD-10-PCS
02YA0Z2	Transplantation of Heart, Zooplastic, Open Approach	Procedure	ICD-10-PCS
0BYC0Z0	Transplantation of Right Upper Lung Lobe, Allogeneic, Open Approach	Procedure	ICD-10-PCS

**Appendix G. List of International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, Healthcare Common Procedure Coding System (HCPCS), Current Procedural Terminology, Fourth Edition (CPT-4) and Third Edition (CPT Category III) Procedure Codes Used to Define Inclusion and Exclusion Criteria in this Request**

<b>Code</b>	<b>Description</b>	<b>Code Category</b>	<b>Code Type</b>
OBYC0Z1	Transplantation of Right Upper Lung Lobe, Syngeneic, Open Approach	Procedure	ICD-10-PCS
OBYC0Z2	Transplantation of Right Upper Lung Lobe, Zooplastic, Open Approach	Procedure	ICD-10-PCS
OBYD0Z0	Transplantation of Right Middle Lung Lobe, Allogeneic, Open Approach	Procedure	ICD-10-PCS
OBYD0Z1	Transplantation of Right Middle Lung Lobe, Syngeneic, Open Approach	Procedure	ICD-10-PCS
OBYD0Z2	Transplantation of Right Middle Lung Lobe, Zooplastic, Open Approach	Procedure	ICD-10-PCS
OBYF0Z0	Transplantation of Right Lower Lung Lobe, Allogeneic, Open Approach	Procedure	ICD-10-PCS
OBYF0Z1	Transplantation of Right Lower Lung Lobe, Syngeneic, Open Approach	Procedure	ICD-10-PCS
OBYF0Z2	Transplantation of Right Lower Lung Lobe, Zooplastic, Open Approach	Procedure	ICD-10-PCS
OBYG0Z0	Transplantation of Left Upper Lung Lobe, Allogeneic, Open Approach	Procedure	ICD-10-PCS
OBYG0Z1	Transplantation of Left Upper Lung Lobe, Syngeneic, Open Approach	Procedure	ICD-10-PCS
OBYG0Z2	Transplantation of Left Upper Lung Lobe, Zooplastic, Open Approach	Procedure	ICD-10-PCS
OBYH0Z0	Transplantation of Lung Lingula, Allogeneic, Open Approach	Procedure	ICD-10-PCS
OBYH0Z1	Transplantation of Lung Lingula, Syngeneic, Open Approach	Procedure	ICD-10-PCS
OBYH0Z2	Transplantation of Lung Lingula, Zooplastic, Open Approach	Procedure	ICD-10-PCS
OBYJ0Z0	Transplantation of Left Lower Lung Lobe, Allogeneic, Open Approach	Procedure	ICD-10-PCS
OBYJ0Z1	Transplantation of Left Lower Lung Lobe, Syngeneic, Open Approach	Procedure	ICD-10-PCS
OBYJ0Z2	Transplantation of Left Lower Lung Lobe, Zooplastic, Open Approach	Procedure	ICD-10-PCS
OBYK0Z0	Transplantation of Right Lung, Allogeneic, Open Approach	Procedure	ICD-10-PCS
OBYK0Z1	Transplantation of Right Lung, Syngeneic, Open Approach	Procedure	ICD-10-PCS
OBYK0Z2	Transplantation of Right Lung, Zooplastic, Open Approach	Procedure	ICD-10-PCS
OBYL0Z0	Transplantation of Left Lung, Allogeneic, Open Approach	Procedure	ICD-10-PCS
OBYL0Z1	Transplantation of Left Lung, Syngeneic, Open Approach	Procedure	ICD-10-PCS
OBYL0Z2	Transplantation of Left Lung, Zooplastic, Open Approach	Procedure	ICD-10-PCS
OBYM0Z0	Transplantation of Bilateral Lungs, Allogeneic, Open Approach	Procedure	ICD-10-PCS
OBYM0Z1	Transplantation of Bilateral Lungs, Syngeneic, Open Approach	Procedure	ICD-10-PCS
OBYM0Z2	Transplantation of Bilateral Lungs, Zooplastic, Open Approach	Procedure	ICD-10-PCS
ODY80Z0	Transplantation of Small Intestine, Allogeneic, Open Approach	Procedure	ICD-10-PCS
ODY80Z1	Transplantation of Small Intestine, Syngeneic, Open Approach	Procedure	ICD-10-PCS
ODY80Z2	Transplantation of Small Intestine, Zooplastic, Open Approach	Procedure	ICD-10-PCS
ODYE0Z0	Transplantation of Large Intestine, Allogeneic, Open Approach	Procedure	ICD-10-PCS
ODYE0Z1	Transplantation of Large Intestine, Syngeneic, Open Approach	Procedure	ICD-10-PCS
ODYE0Z2	Transplantation of Large Intestine, Zooplastic, Open Approach	Procedure	ICD-10-PCS
OFY0	Transplantation / Liver	Procedure	ICD-10-PCS
OFY00Z0	Transplantation of Liver, Allogeneic, Open Approach	Procedure	ICD-10-PCS
OFY00Z1	Transplantation of Liver, Syngeneic, Open Approach	Procedure	ICD-10-PCS
OFY00Z2	Transplantation of Liver, Zooplastic, Open Approach	Procedure	ICD-10-PCS
OFYG0Z0	Transplantation of Pancreas, Allogeneic, Open Approach	Procedure	ICD-10-PCS
OFYG0Z1	Transplantation of Pancreas, Syngeneic, Open Approach	Procedure	ICD-10-PCS
OFYG0Z2	Transplantation of Pancreas, Zooplastic, Open Approach	Procedure	ICD-10-PCS
OTY0	Transplantation / Kidney, Right	Procedure	ICD-10-PCS
OTY00Z0	Transplantation of Right Kidney, Allogeneic, Open Approach	Procedure	ICD-10-PCS
OTY00Z1	Transplantation of Right Kidney, Syngeneic, Open Approach	Procedure	ICD-10-PCS
OTY00Z2	Transplantation of Right Kidney, Zooplastic, Open Approach	Procedure	ICD-10-PCS

**Appendix G. List of International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, Healthcare Common Procedure Coding System (HCPCS), Current Procedural Terminology, Fourth Edition (CPT-4) and Third Edition (CPT Category III) Procedure Codes Used to Define Inclusion and Exclusion Criteria in this Request**

<b>Code</b>	<b>Description</b>	<b>Code Category</b>	<b>Code Type</b>
0TY1	Transplantation / Kidney, Left	Procedure	ICD-10-PCS
0TY10Z0	Transplantation of Left Kidney, Allogeneic, Open Approach	Procedure	ICD-10-PCS
0TY10Z1	Transplantation of Left Kidney, Syngeneic, Open Approach	Procedure	ICD-10-PCS
0TY10Z2	Transplantation of Left Kidney, Zooplasic, Open Approach	Procedure	ICD-10-PCS
30230G2	Transfusion of Allogeneic Related Bone Marrow into Peripheral Vein, Open Approach	Procedure	ICD-10-PCS
30230G3	Transfusion of Allogeneic Unrelated Bone Marrow into Peripheral Vein, Open Approach	Procedure	ICD-10-PCS
30230G4	Transfusion of Allogeneic Unspecified Bone Marrow into Peripheral Vein, Open Approach	Procedure	ICD-10-PCS
30233G2	Transfusion of Allogeneic Related Bone Marrow into Peripheral Vein, Percutaneous Approach	Procedure	ICD-10-PCS
30233G3	Transfusion of Allogeneic Unrelated Bone Marrow into Peripheral Vein, Percutaneous Approach	Procedure	ICD-10-PCS
30233G4	Transfusion of Allogeneic Unspecified Bone Marrow into Peripheral Vein, Percutaneous Approach	Procedure	ICD-10-PCS
30240G2	Transfusion of Allogeneic Related Bone Marrow into Central Vein, Open Approach	Procedure	ICD-10-PCS
30240G3	Transfusion of Allogeneic Unrelated Bone Marrow into Central Vein, Open Approach	Procedure	ICD-10-PCS
30240G4	Transfusion of Allogeneic Unspecified Bone Marrow into Central Vein, Open Approach	Procedure	ICD-10-PCS
30243G2	Transfusion of Allogeneic Related Bone Marrow into Central Vein, Percutaneous Approach	Procedure	ICD-10-PCS
30243G3	Transfusion of Allogeneic Unrelated Bone Marrow into Central Vein, Percutaneous Approach	Procedure	ICD-10-PCS
30243G4	Transfusion of Allogeneic Unspecified Bone Marrow into Central Vein, Percutaneous Approach	Procedure	ICD-10-PCS
30250G1	Transfusion of Nonautologous Bone Marrow into Peripheral Artery, Open Approach	Procedure	ICD-10-PCS
30253G1	Transfusion of Nonautologous Bone Marrow into Peripheral Artery, Percutaneous Approach	Procedure	ICD-10-PCS
30260G1	Transfusion of Nonautologous Bone Marrow into Central Artery, Open Approach	Procedure	ICD-10-PCS
30263G1	Transfusion of Nonautologous Bone Marrow into Central Artery, Percutaneous Approach	Procedure	ICD-10-PCS
3E030U1	Introduction of Nonautologous Pancreatic Islet Cells into Peripheral Vein, Open Approach	Procedure	ICD-10-PCS
3E033U1	Introduction of Nonautologous Pancreatic Islet Cells into Peripheral Vein, Percutaneous Approach	Procedure	ICD-10-PCS
3E0J3U1	Introduction of Nonautologous Pancreatic Islet Cells into Biliary and Pancreatic Tract, Percutaneous Approach	Procedure	ICD-10-PCS

**Appendix G. List of International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, Healthcare Common Procedure Coding System (HCPCS), Current Procedural Terminology, Fourth Edition (CPT-4) and Third Edition (CPT Category III) Procedure Codes Used to Define Inclusion and Exclusion Criteria in this Request**

<b>Code</b>	<b>Description</b>	<b>Code Category</b>	<b>Code Type</b>
3E0J7U1	Introduction of Nonautologous Pancreatic Islet Cells into Biliary and Pancreatic Tract, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
3E0J8U1	Introduction of Nonautologous Pancreatic Islet Cells into Biliary and Pancreatic Tract, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
BT29	Computerized Tomography (CT Scan) / Kidney Transplant	Procedure	ICD-10-PCS
BT2900Z	Computerized Tomography (CT Scan) of Kidney Transplant using High Osmolar Contrast, Unenhanced and Enhanced	Procedure	ICD-10-PCS
BT290ZZ	Computerized Tomography (CT Scan) of Kidney Transplant using High Osmolar Contrast	Procedure	ICD-10-PCS
BT2910Z	Computerized Tomography (CT Scan) of Kidney Transplant using Low Osmolar Contrast, Unenhanced and Enhanced	Procedure	ICD-10-PCS
BT291ZZ	Computerized Tomography (CT Scan) of Kidney Transplant using Low Osmolar Contrast	Procedure	ICD-10-PCS
BT29Y0Z	Computerized Tomography (CT Scan) of Kidney Transplant using Other Contrast, Unenhanced and Enhanced	Procedure	ICD-10-PCS
BT29YZZ	Computerized Tomography (CT Scan) of Kidney Transplant using Other Contrast	Procedure	ICD-10-PCS
BT29ZZZ	Computerized Tomography (CT Scan) of Kidney Transplant	Procedure	ICD-10-PCS
BT39	Magnetic Resonance Imaging (MRI) / Kidney Transplant	Procedure	ICD-10-PCS
BT39Y0Z	Magnetic Resonance Imaging (MRI) of Kidney Transplant using Other Contrast, Unenhanced and Enhanced	Procedure	ICD-10-PCS
BT39YZZ	Magnetic Resonance Imaging (MRI) of Kidney Transplant using Other Contrast	Procedure	ICD-10-PCS
BT39ZZZ	Magnetic Resonance Imaging (MRI) of Kidney Transplant	Procedure	ICD-10-PCS
BT49	Ultrasonography / Kidney Transplant	Procedure	ICD-10-PCS
BT49ZZZ	Ultrasonography of Kidney Transplant	Procedure	ICD-10-PCS
07Y	Lymphatic and Hemic Systems, Transplantation	Procedure	ICD-10-PCS
0BY	Respiratory System, Transplantation	Procedure	ICD-10-PCS
0BYC	Transplantation / Upper Lung Lobe, Right	Procedure	ICD-10-PCS
0BYD	Transplantation / Middle Lung Lobe, Right	Procedure	ICD-10-PCS
0BYF	Transplantation / Lower Lung Lobe, Right	Procedure	ICD-10-PCS
0BYG	Transplantation / Upper Lung Lobe, Left	Procedure	ICD-10-PCS
0BYH	Transplantation / Lung Lingula	Procedure	ICD-10-PCS
0BYJ	Transplantation / Lower Lung Lobe, Left	Procedure	ICD-10-PCS
0BYK	Transplantation / Lung, Right	Procedure	ICD-10-PCS
0BYL	Transplantation / Lung, Left	Procedure	ICD-10-PCS
0BYM	Transplantation / Lungs, Bilateral	Procedure	ICD-10-PCS
0DY6	Transplantation / Stomach	Procedure	ICD-10-PCS
0DY60Z0	Transplantation of Stomach, Allogeneic, Open Approach	Procedure	ICD-10-PCS
0DY60Z1	Transplantation of Stomach, Syngeneic, Open Approach	Procedure	ICD-10-PCS
0DY60Z2	Transplantation of Stomach, Zooplasmic, Open Approach	Procedure	ICD-10-PCS
0DY8	Transplantation / Small Intestine	Procedure	ICD-10-PCS
0DYE	Transplantation / Large Intestine	Procedure	ICD-10-PCS

**Appendix G. List of International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, Healthcare Common Procedure Coding System (HCPCS), Current Procedural Terminology, Fourth Edition (CPT-4) and Third Edition (CPT Category III) Procedure Codes Used to Define Inclusion and Exclusion Criteria in this Request**

<b>Code</b>	<b>Description</b>	<b>Code Category</b>	<b>Code Type</b>
OFY	Hepatobiliary System and Pancreas, Transplantation	Procedure	ICD-10-PCS
OFYG	Transplantation / Pancreas	Procedure	ICD-10-PCS
<b>Adalimumab</b>			
J0135	Injection, adalimumab, 20 mg	Procedure	HCPCS
<b>Certolizumab Pegol</b>			
J0717	Injection, certolizumab pegol, 1 mg (code may be used for Medicare when drug administered under the direct supervision of a physician, not for use when drug is self-administered)	Procedure	HCPCS
<b>Golimumab</b>			
J1602	Injection, golimumab, 1 mg, for intravenous use	Procedure	HCPCS
<b>Natalizumab</b>			
J2323	Injection, natalizumab, 1 mg	Procedure	HCPCS

**Appendix H. List of Non-Proprietary and Brand Names of Medical Products Used to Define Censoring Criteria in this Request**

<b>Non-Proprietary Name</b>	<b>Brand Name</b>
<b>Certolizumab Pegol</b>	
certolizumab pegol	Cimzia Powder for Reconst
certolizumab pegol	Cimzia
certolizumab pegol	Cimzia Starter Kit
<b>Golimumab</b>	
golimumab	Simponi
golimumab	Simponi ARIA
<b>Natalizumab</b>	
natalizumab	Tysabri
<b>Tofacitinib</b>	
tofacitinib citrate	Xeljanz XR
tofacitinib citrate	Xeljanz
<b>Ozanimod</b>	
ozanimod hydrochloride	Zeposia Starter Pack
ozanimod hydrochloride	Zeposia
<b>Upadacitinib</b>	
upadacitinib	Rinvoq

**Appendix I. List of Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Censoring Criteria in this Request**

<b>Code</b>	<b>Description</b>	<b>Code Category</b>	<b>Code Type</b>
<b>Adalimumab</b>			
J0135	Injection, adalimumab, 20 mg	Procedure	HCPCS
<b>Certolizumab Pegol</b>			
J0717	Injection, certolizumab pegol, 1 mg (code may be used for Medicare when drug administered under the direct supervision of a physician, not for use when drug is self-administered)	Procedure	HCPCS
<b>Golimumab</b>			
J1602	Injection, golimumab, 1 mg, for intravenous use	Procedure	HCPCS
<b>Natalizumab</b>			
J2323	Injection, natalizumab, 1 mg	Procedure	HCPCS

**Appendix J. List of Non-Proprietary and Brand Names of Medical Products Used to Define Baseline Characteristics in this Request**

<b>Non-Proprietary Name</b>	<b>Brand Name</b>
<b>Aminosalicilates (5-ASA)</b>	
sulfasalazine	Azulfidine
sulfasalazine	Azulfidine EN-tabs
mesalamine	Delzicol
mesalamine	Asacol HD
mesalamine	sfRowasa
mesalamine with cleansing wipes	Rowasa
mesalamine	Rowasa
olsalazine sodium	Dipentum
balsalazide disodium	balsalazide
mesalamine	mesalamine
sulfasalazine	sulfasalazine
sulfasalazine	Sulfazine
mesalamine	Apriso
mesalamine with cleansing wipes	mesalamine with cleansing wipe
mesalamine	Pentasa
mesalamine	Lialda
mesalamine	Canasa
balsalazide disodium	Colazal
balsalazide disodium	Giazo
<b>Immunomodulators (thiopurines, cyclosporine, and tacrolimus)</b>	
ixekizumab	Taltz Autoinjector
ixekizumab	Taltz Autoinjector (3 Pack)
ixekizumab	Taltz Autoinjector (2 Pack)
baricitinib	Olumiant
olaratumab	Lartruvo
ramucirumab	Cyamza
necitumumab	Portrazza
ixekizumab	Taltz Syringe
ixekizumab	Taltz Syringe (3 Pack)
ixekizumab	Taltz Syringe (2 Pack)
belatacept	Nulojix
abatacept/maltose	Orencia (with maltose)
abatacept	Orencia
abatacept	Orencia ClickJect
elotuzumab	Empliciti
ipilimumab	Yervoy
nivolumab	Opdivo
mycophenolate mofetil	CellCept
mycophenolate mofetil HCl	CellCept Intravenous
peginterferon alfa-2a	Pegasys
peginterferon alfa-2a	Pegasys ProClick
pembrolizumab	Keytruda
infliximab-abda	Renflexis
trastuzumab-dttb	Ontruzant



**Appendix J. List of Non-Proprietary and Brand Names of Medical Products Used to Define Baseline Characteristics in this Request**

<b>Non-Proprietary Name</b>	<b>Brand Name</b>
inotuzumab ozogamicin	Besponsa
sirolimus	Rapamune
temsirolimus	Torisel
gemtuzumab ozogamicin	Mylotarg
cyclosporine	Restasis MultiDose
cyclosporine	Restasis
isatuximab-irfc	Sarclisa
sargramostim	Leukine
sarilumab	Kevzara
dupilumab	Dupixent Syringe
dupilumab	Dupixent Pen
BCG live	Tice BCG
BCG vaccine, live/PF	BCG vaccine, live (PF)
mycophenolate mofetil	mycophenolate mofetil
azathioprine	azathioprine
rituximab-pvvr	Ruxience
filgrastim-aafi	Nivestym
trastuzumab-qyyp	Trazimera
bevacizumab-bvzr	Zirabev
tofacitinib citrate	Xeljanz XR
infliximab-dyyb	Inflectra
tofacitinib citrate	Xeljanz
adalimumab	Humira(CF) Pedi Crohns Starter
adalimumab	Humira(CF) Pen
adalimumab	Humira(CF) Pen Crohns-UC-HS
adalimumab	Humira(CF) Pen Pediatric UC
adalimumab	Humira(CF)
cyclosporine, modified	Gengraf
risankizumab-rzaa	Skyrizi
adalimumab	Humira(CF) Pen Psor-Uv-Adol HS
adalimumab	Humira
adalimumab	Humira Pediatric Crohns Start
adalimumab	Humira Pen
adalimumab	Humira Pen Crohns-UC-HS Start
adalimumab	Humira Pen Psor-Uveits-Adol HS
cyclosporine	Sandimmune
cyclosporine, modified	Neoral
basiliximab	Simulect
mycophenolate sodium	Myfortic
interferon beta-1b	Extavia
canakinumab/PF	Ilaris (PF)
secukinumab	Cosentyx Pen (2 Pens)
secukinumab	Cosentyx Pen
secukinumab	Cosentyx
secukinumab	Cosentyx (2 Syringes)

**Appendix J. List of Non-Proprietary and Brand Names of Medical Products Used to Define Baseline Characteristics in this Request**

<b>Non-Proprietary Name</b>	<b>Brand Name</b>
ofatumumab	Arzerra
tisagenlecleucel	Kymriah
ofatumumab	Kesimpta Pen
interferon alfa-2b, recomb.	Intron A
peginterferon alfa-2b	PegIntron
peginterferon alfa-2b	Sylatron
peginterferon alfa-2b	PegIntron Redipen
leflunomide	Arava
cyclosporine, modified	cyclosporine modified
mycophenolate sodium	mycophenolate sodium
azathioprine sodium	azathioprine sodium
tacrolimus	tacrolimus
mepolizumab	Nucala
belantamab mafodotin-blmf	Blenrep
dostarlimab-gxly	Jemperli
brodalumab	Siliq
acalabrutinib	Calquence
benralizumab	Fasenra
benralizumab	Fasenra Pen
durvalumab	Imfinzi
moxetumomab pasudotox-tdfk	Lumoxiti
cyclosporine	cyclosporine
tacrolimus	Prograf
tacrolimus	Astagraf XL
tacrolimus	Protopic
lenalidomide	lenalidomide
leflunomide	leflunomide
sirolimus	sirolimus
temsirolimus	temsirolimus
mycophenolate mofetil HCl	mycophenolate mofetil (HCl)
eculizumab	Soliris
sipuleucel-T/lactated ringers solution	Provenge
interferon gamma-1b, recomb.	Actimmune
mogamulizumab-kpkc	Poteligeo
bevacizumab	bevacizumab
interferon beta-1a/albumin human	Rebif (with albumin)
interferon beta-1a/albumin human	Rebif Rebidose
avelumab	Bavencio
interferon beta-1a/albumin human	Rebif Titration Pack
tildrakizumab-asmn	Ilumya
cyclosporine	Cequa
BCG live	Theracys
belimumab	Benlysta
satralizumab-mwge	Enspryng
rituximab	Rituxan

**Appendix J. List of Non-Proprietary and Brand Names of Medical Products Used to Define Baseline Characteristics in this Request**

<b>Non-Proprietary Name</b>	<b>Brand Name</b>
trastuzumab	Herceptin
bevacizumab	Avastin
obinutuzumab	Gazyva
trastuzumab-hyaluronidase-oysk	Herceptin Hylecta
ado-trastuzumab emtansine	Kadcyla
polatuzumab vedotin-piiq	Polivy
rituximab/hyaluronidase, human recombinant	Rituxan Hycela
tocilizumab	Actemra
tocilizumab	Actemra ACTPen
pertuzumab	Perjeta
pertuzumab-trastuzumab-hyaluronidase-zzxf	Phesgo
atezolizumab	Tecentriq
interferon beta-1b	Betaseron
certolizumab pegol	Cimzia Powder for Reconst
certolizumab pegol	Cimzia
certolizumab pegol	Cimzia Starter Kit
ruxolitinib phosphate	Jakafi
ruxolitinib phosphate	Opzelura
enfortumab vedotin-ejfv	Padcev
brentuximab vedotin	Adcetris
azathioprine	Imuran
auranofin	Ridaura
pegfilgrastim	Neulasta
etanercept	Enbrel
sacituzumab govitecan-hziy	Trodelyv
talimogene laherparepvec	Imlygic
trastuzumab-anns	Kanjinti
blinatumomab	Blinicyto
pegfilgrastim	Neulasta Onpro
bevacizumab-awwb	Mvasi
filgrastim	Neupogen
rituximab-arrx	Riabni
denosumab	Prolia
denosumab	Xgeva
panitumumab	Vectibix
pegademase bovine	Adagen
infliximab	Remicade
ustekinumab	Stelara
golimumab	Simponi
infliximab	infliximab
golimumab	Simponi ARIA
siltuximab	Sylvant
daratumumab	Darzalex
daratumumab-hyaluronidase-fihj	Darzalex Faspro
guselkumab	Tremfya

**Appendix J. List of Non-Proprietary and Brand Names of Medical Products Used to Define Baseline Characteristics in this Request**

<b>Non-Proprietary Name</b>	<b>Brand Name</b>
ibrutinib	Imbruvica
etanercept	Enbrel SureClick
etanercept	Enbrel Mini
reslizumab	Cinqair
thalidomide	Thalomid
lenalidomide	Revlimid
idecabtagene vicleucel	Abecma
luspatercept-aamt	Reblozyl
interferon beta-1a/albumin human	Avonex (with albumin)
interferon beta-1a	Avonex
palivizumab	Synagis
filgrastim-sndz	Zarxio
pegfilgrastim-bmez	Ziextenzo
rilonacept	Arcalyst
cemiplimab-rwlc	Libtayo
levamisole HCl	levamisole (bulk)
rituximab-abbs	Truxima
trastuzumab-pkrb	Herzuma
tbo-filgrastim	Granix
natalizumab	Tysabri
peginterferon beta-1a	Plegridy
cyclosporine	Verkazia
aldesleukin	Proleukin
fam-trastuzumab deruxtecan-nxki	Enhertu
azathioprine	Azasan
dinutuximab	Unituxin
palifermin	Kepivance
anakinra	Kineret
cetuximab	Erbitux
pegfilgrastim-jmdb	Fulphila
trastuzumab-dkst	Ogivri
kit for prep yttrium-90/ibritumomab tiuxetan/albumin human	Zevalin (Y-90)
tacrolimus	Envarsus XR
pegfilgrastim-cbqv	Udenyca
axicabtagene ciloleucel	Yescarta
brexucabtagene autoleucel	Tecartus
tagraxofusp-erzs	Elzonris
zanubrutinib	Brukinsa
naxitamab-gqgk	Danyelza
lisocabtagene maraleucel	Breyanzi
lisocabtagene maraleucel, CD8 component, 1 of 2	Breyanzi CD8 Component (1of 2)
lisocabtagene maraleucel, CD4 component, 2 of 2	Breyanzi CD4 Component (2of 2)
tafasitamab-cxix	Monjuvi
margetuximab-cmkb	Margenza
loncastuximab tesirine-lpyl	Zynlonta

**Appendix J. List of Non-Proprietary and Brand Names of Medical Products Used to Define Baseline Characteristics in this Request**

<b>Non-Proprietary Name</b>	<b>Brand Name</b>
<b>Corticosteroids, Intravenous</b>	
methylprednisolone sodium succinate/PF	Solu-Medrol (PF)
methylprednisolone sodium succinate	Solu-Medrol
methylprednisolone sodium succinate	methylprednisolone sodium succ
dexamethasone sodium phosphate in 0.9 % sodium chloride	dexamethasone-0.9 % sod. chlor
<b>Corticosteroids, Oral</b>	
hydrocortisone	Cortef
methylprednisolone	Medrol
methylprednisolone	Medrol (Pak)
prednisone	prednisone
dexamethasone	Dexamethasone Intensol
dexamethasone	dexamethasone
prednisone	Prednisone Intensol
prednisolone	prednisolone
dexamethasone	DexPak 10 day
dexamethasone	DexPak 13 Day
dexamethasone	DexPak 6 Day
hydrocortisone	hydrocortisone
fludrocortisone acetate	fludrocortisone
prednisolone sodium phosphate	prednisolone sodium phosphate
cortisone acetate	cortisone
methylprednisolone	methylprednisolone
dexamethasone	HiDex
prednisolone	Millipred
prednisolone	Millipred DP
prednisolone sodium phosphate	Millipred
prednisolone sodium phosphate	Veripred 20
dexamethasone	TaperDex
dexamethasone	ZoDex
deflazacort	Emflaza
prednisolone acetate	Flo-Pred
dexamethasone	Decadron
prednisolone sodium phosphate	Orapred ODT
prednisolone sodium phosphate	Pediapred
prednisone	Deltasone
dexamethasone	Dxevo
dexamethasone	ZonaCort
dexamethasone	LoCort
hydrocortisone	Alkindi Sprinkle
dexamethasone	Dexabliss
methylprednisolone	Methylpred DP
dexamethasone	Hemady
prednisone	Rayos
dexamethasone	ZCort
budesonide	Tarpeyo

**Appendix J. List of Non-Proprietary and Brand Names of Medical Products Used to Define Baseline Characteristics in this Request**

<b>Non-Proprietary Name</b>	<b>Brand Name</b>
<b>Corticosteroids, Rectal</b>	
hydrocortisone acetate/pramoxine HCl	Proctofoam HC
hydrocortisone acetate	Cortifoam
hydrocortisone	Colocort
hydrocortisone acetate	hydrocortisone acetate
hydrocortisone acetate	Anucort-HC
lidocaine HCl/hydrocortisone acetate	lidocaine HCl-hydrocortison ac
hydrocortisone acetate/lidocaine HCl/aloe vera	lidocaine-hydrocortisone-aloe
hydrocortisone acetate	Hemmorex-HC
hydrocortisone acetate/pramoxine HCl	hydrocortisone-pramoxine
hydrocortisone acetate/pramoxine/emollient/pramoxine cmb	hydrocortisone-pramox-e-pram.1
hydrocortisone acetate/lidocaine HCl/aloe vera	Ana-Lex Kit
hydrocortisone acetate/pramoxine HCl	PramCort
hydrocortisone acetate/pramoxine HCl	Procort
hydrocortisone	hydrocortisone
hydrocortisone acetate/pramoxine HCl	Analpram-HC
hydrocortisone acetate	GRx HiCort 25
hydrocortisone acetate/pramoxine/emollient/pramoxine cmb	Analpram E
hydrocortisone acetate/pramoxine HCl	Analpram-HC Singles
hydrocortisone	Cortenema
hydrocortisone acetate	Anusol-HC
hydrocortisone acetate	Proctocort
budesonide	Uceris
hydrocortisone acetate/pramoxine HCl/skin cleanser no.16	Zypram
lidocaine HCl/hydrocortisone acetate	Ana-Lex
<b>Antibiotics</b>	
aztreonam/dextrose-water	Azactam in dextrose (iso-osm)
aztreonam	Azactam
imipenem/cilastatin sodium	Primaxin IV
ertapenem sodium	Invanz
imipenem/cilastatin sodium/relebactam	Recarbrio
tigecycline	Tygacil
clindamycin HCl	Cleocin HCl
bacitracin	bacitracin
clindamycin phosphate	Cleocin
lincomycin HCl	Lincocin
clindamycin palmitate HCl	Cleocin Pediatric
clindamycin phosphate/dextrose 5 % in water	Cleocin in 5 % dextrose
linezolid in dextrose 5 % in water	Zyvox
linezolid	Zyvox
rifabutin	Mycobutin
gatifloxacin	Zymaxid
mupirocin calcium	Bactroban Nasal
cefotaxime sodium	Claforan
cefotaxime sodium/dextrose, iso-osmotic	Claforan in dextrose(iso-osm)

**Appendix J. List of Non-Proprietary and Brand Names of Medical Products Used to Define Baseline Characteristics in this Request**

<b>Non-Proprietary Name</b>	<b>Brand Name</b>
ampicillin sodium/sulbactam sodium	Unasyn
penicillin G potassium	Pfizerpen-G
clarithromycin	clarithromycin
linezolid	linezolid
moxifloxacin HCl	Moxeza
tobramycin	Tobrex
ciprofloxacin HCl	Ciloxan
moxifloxacin HCl	Vigamox
rifampin	Rifadin
tobramycin sulfate	tobramycin sulfate
meropenem	Merrem
azithromycin	Zithromax
doxycycline hyclate	Vibramycin
doxycycline monohydrate	Vibramycin
doxycycline calcium	Vibramycin
azithromycin	Zithromax Z-Pak
azithromycin	Zithromax TRI-PAK
azithromycin	Zmax
clarithromycin	Biaxin
tobramycin in 0.225 % sodium chloride	Tobi
tobramycin	Tobi Podhaler
moxifloxacin HCl	Avelox
moxifloxacin HCl	Avelox ABC Pack
moxifloxacin HCl in sodium chloride, iso-osmotic	Avelox in NaCl (iso-osmotic)
rifapentine	Priftin
telithromycin	Ketek
cefprozil	cefprozil
cefaclor	cefaclor
penicillin V potassium	penicillin V potassium
neomycin sulfate	neomycin
azithromycin	azithromycin
minocycline HCl	minocycline
trimethoprim	trimethoprim
cephalexin	cephalexin
amoxicillin	amoxicillin
amoxicillin/potassium clavulanate	amoxicillin-pot clavulanate
dicloxacillin sodium	dicloxacillin
cefdinir	cefdinir
cefadroxil	cefadroxil
tobramycin	tobramycin
tobramycin in 0.225 % sodium chloride	tobramycin in 0.225 % NaCl
erythromycin base	erythromycin
levofloxacin	levofloxacin
moxifloxacin HCl	moxifloxacin
lansoprazole/amoxicillin trihydrate/clarithromycin	amoxicil-clarithromy-lansopraz

**Appendix J. List of Non-Proprietary and Brand Names of Medical Products Used to Define Baseline Characteristics in this Request**

<b>Non-Proprietary Name</b>	<b>Brand Name</b>
neomycin sulfate/bacitracin zinc/polymyxin B	Triple Antibiotic
neomycin sulfate/bacitracin zinc/polymyxin B	First Aid Antibiotic
doxycycline monohydrate	doxycycline monohydrate
sulfamethoxazole/trimethoprim	sulfamethoxazole-trimethoprim
sulfamethoxazole/trimethoprim	Sulfatrim
vancomycin HCl	vancomycin
doxycycline hyclate	doxycycline hyclate
cefazolin sodium	cefazolin
levofloxacin/dextrose 5 % in water	levofloxacin in D5W
daptomycin	daptomycin
ertapenem sodium	ertapenem
cefuroxime sodium	cefuroxime sodium
cefotetan disodium	cefotetan
ceftriaxone sodium	ceftriaxone
cefoxitin sodium	cefoxitin
ciprofloxacin HCl	ciprofloxacin HCl
cefotaxime sodium	cefotaxime
tetracycline HCl	tetracycline
cefuroxime axetil	Ceftin
clindamycin HCl	clindamycin HCl
bacitracin zinc/polymyxin B sulfate	Double Antibiotic (b.tracrn Zn)
sulfadiazine	sulfadiazine
rifampin	rifampin
piperacillin and tazobactam in dextrose, iso-osmotic	Zosyn in dextrose (iso-osm)
piperacillin sodium/tazobactam sodium	Zosyn
erythromycin ethylsuccinate	erythromycin ethylsuccinate
cefazolin sodium/dextrose, iso-osmotic	cefazolin in dextrose (iso-os)
cefoxitin sodium/dextrose, iso-osmotic	cefoxitin in dextrose, iso-osm
ceftazidime in dextrose 5% and water	ceftazidime in D5W
ceftriaxone sodium in iso-osmotic dextrose	ceftriaxone in dextrose,iso-os
cefotetan disodium in iso-osmotic dextrose	cefotetan in dextrose, iso-osm
meropenem in 0.9 % sodium chloride	meropenem-0.9% sodium chloride
cefepime HCl in dextrose 5 % in water	cefepime in dextrose 5 %
doxycycline monohydrate	Oracea
cephalexin	Daxbia
gentamicin sulfate in sodium chloride, iso-osmotic	gentamicin in NaCl (iso-osm)
oxacillin sodium in iso-osmotic dextrose	oxacillin in dextrose(iso-osm)
nafcillin in dextrose, iso-osmotic	nafcillin in dextrose iso-osm
penicillin G potassium/dextrose-water	penicillin G pot in dextrose
cefepime HCl in iso-osmotic dextrose	cefepime in dextrose,iso-osm
clindamycin phosphate/dextrose 5 % in water	clindamycin in 5 % dextrose
vancomycin in 5 % dextrose in water	vancomycin in dextrose 5 %
vancomycin in 0.9 % sodium chloride	vancomycin in 0.9 % sodium chl
clindamycin phosphate in 0.9 % sodium chloride	clindamycin in 0.9 % sod chlor
neomycin sulfate/polymyxin B sulfate/pramoxine	Double Antibiotic-Pain Relief



**Appendix J. List of Non-Proprietary and Brand Names of Medical Products Used to Define Baseline Characteristics in this Request**

<b>Non-Proprietary Name</b>	<b>Brand Name</b>
ciprofloxacin/ciprofloxacin HCl	ciprofloxacin (mixture)
gatifloxacin	gatifloxacin
clindamycin palmitate HCl	clindamycin palmitate HCl
cefepime HCl	Maxipime
aztreonam	aztreonam
gentamicin sulfate	gentamicin
meropenem	meropenem
ampicillin sodium/sulbactam sodium	ampicillin-sulbactam
piperacillin sodium/tazobactam sodium	piperacillin-tazobactam
gentamicin sulfate/PF	gentamicin sulfate (PF)
tobramycin sulfate/sodium chloride	tobramycin in 0.9 % NaCl
imipenem/cilastatin sodium	imipenem-cilastatin
nafcillin sodium	nafcillin
ampicillin sodium	ampicillin sodium
clindamycin phosphate	clindamycin phosphate
ciprofloxacin lactate/dextrose 5 % in water	ciprofloxacin in 5 % dextrose
ciprofloxacin lactate	ciprofloxacin lactate
linezolid in dextrose 5 % in water	linezolid in dextrose 5%
linezolid in 0.9 % sodium chloride	linezolid-0.9% sodium chloride
ceftazidime	Tazicef
erythromycin lactobionate	Erythrocin
cefepime HCl	cefepime
ceftaroline fosamil acetate	Teflaro
ceftazidime/avibactam sodium	Avycaz
demeclocycline HCl	demeclocycline
clindamycin palmitate HCl	Clindamycin Pediatric
colistin (as colistimethate sodium)	colistin (colistimethate Na)
erythromycin base	Ilotycin
sulfacetamide sodium	sulfacetamide sodium
amikacin sulfate	amikacin
neomycin sulf/bacitracin zinc/polymyxin B sulf/pramoxine HCl	Triple Antibiotic Plus
ampicillin trihydrate	ampicillin
oxacillin sodium	oxacillin
ceftazidime	ceftazidime
tigecycline	tigecycline
cefepodoxime proxetil	cefepodoxime
penicillin G potassium	penicillin G potassium
penicillin G sodium	penicillin G sodium
tobramycin	Bethkis
doxycycline monohydrate	Adoxa
minocycline HCl	Ximino
bacitracin/polymyxin B sulfate	Double Antibiotic
bacitracin zinc	Antibiotic (bacitracin zinc)
neomycin sulfate/polymyxin B sulfate/pramoxine	Antibiotic Plus (pramoxine)
neomycin sulf/bacitracin zinc/polymyxin B sulf/pramoxine HCl	Antibiotic-Pain Relief (bacit)

**Appendix J. List of Non-Proprietary and Brand Names of Medical Products Used to Define Baseline Characteristics in this Request**

<b>Non-Proprietary Name</b>	<b>Brand Name</b>
neomycin sulfate/bacitracin zinc/polymyxin B	Antibiotic (neomy-bacit-polym)
neomycin sulfate/polymyxin B sulfate/pramoxine	Antibiotic Plus Pain Rel(pram)
neomycin sulfate/bacitracin zinc/polymyxin B sulfate	Triple Antibiotic Spray
neomycin sulfate/polymyxin B sulfate/pramoxine	Multi Antibiotic Plus
neomycin sulf/bacitracin zinc/polymyxin B sulf/pramoxine HCl	Triple Antibiotic-Pain Relief
sulfacetamide sodium	Bleph-10
ofloxacin	Ocuflox
sulfamethoxazole/trimethoprim	Bactrim
sulfamethoxazole/trimethoprim	Bactrim DS
trimethoprim	Primsol
minocycline HCl	Minocin
minocycline HCl/wipes with skin cleanser no.4	Minocin Kit with Wipes
erythromycin lactobionate	erythromycin lactobionate
cefazolin sodium in 0.9 % sodium chloride	cefazolin in 0.9% sod chloride
doxycycline monohydrate	Monodox
sarecycline HCl	Seysara
doxycycline hyclate	Acticlate
cefuroxime axetil	cefuroxime axetil
cefixime	cefixime
capreomycin sulfate	Capastat
gentamicin sulfate	Gentak
azithromycin	Azasite
ofloxacin	ofloxacin
povidone-iodine	Skin And Nasal Antiseptic
besifloxacin HCl	Besivance
erythromycin ethylsuccinate	E.E.S. 400
erythromycin stearate	Erythrocin (as stearate)
erythromycin base	PCE
erythromycin base	Ery-Tab
erythromycin ethylsuccinate	EryPed 400
erythromycin ethylsuccinate	EryPed 200
erythromycin ethylsuccinate	E.E.S. Granules
tobramycin/nebulizer	Kitabis Pak
tobramycin/nebulizer	tobramycin with nebulizer
cefuroxime sodium	Zinacef
ceftazidime	Fortaz
ceftazidime sodium in iso-osmotic dextrose	Fortaz in dextrose 5 %
cefuroxime sodium/water for injection,sterile	Zinacef in Sterile Water
cefixime	Suprax
levofloxacin	Levaquin
neomycin sulf/bacitracin zinc/polymyxin B sulf/pramoxine HCl	Triple Antibiotic (pram) Extra
polymyxin B sulfate	polymyxin B sulfate
bacitracin	BACiiM
lincomycin HCl	lincomycin
streptomycin sulfate	streptomycin

**Appendix J. List of Non-Proprietary and Brand Names of Medical Products Used to Define Baseline Characteristics in this Request**

<b>Non-Proprietary Name</b>	<b>Brand Name</b>
neomycin sulf/bacitracin zinc/polymyxin B sulf/pramoxine HCl	First Aid Antibiotic-Pain Rlf
colistin (as colistimethate sodium)	Coly-Mycin M Parenteral
doxycycline monohydrate/benzoyl peroxide	BenoxylDoxy 30
doxycycline monohydrate/benzoyl peroxide	BenoxylDoxy 60
doxycycline monohydrate/benzoyl peroxide	BenzoDox 30
doxycycline monohydrate/benzoyl peroxide	BenzoDox 60
moxifloxacin HCl in balanced salt solution no.2/PF	moxifloxacin (PF)-BSS
vancomycin HCl/balanced salt solution no.2/PF	vancomycin (PF)-BSS
cefazolin sodium/dextrose 5 % in water	cefazolin in dextrose 5 %
cefazolin sodium/water for injection,sterile	cefazolin in sterile water
doxycycline hyclate	Morgidox
doxycycline hyclate/skin cleanser combination no.19	Morgidox 1x100
doxycycline hyclate/skin cleanser combination no.19	Morgidox 2x100
doxycycline hyclate/skin cleanser combination no.19	Morgidox 1x 50
amoxicillin/potassium clavulanate	Augmentin ES-600
amoxicillin/potassium clavulanate	Augmentin
amoxicillin/potassium clavulanate	Augmentin XR
doxycycline monohydrate	Avidoxy
doxycycline monohydrate/salicylic acid/octinoxate/zinc oxide	Avidoxy DK
gemifloxacin mesylate	Factive
cefditoren pivoxil	Spectracef
cefditoren pivoxil	cefditoren pivoxil
ceftibuten	ceftibuten
rifaximin	Xifaxan
ciprofloxacin HCl	Cipro
ciprofloxacin lactate/dextrose 5 % in water	Cipro in D5W
ciprofloxacin	Cipro
ciprofloxacin/ciprofloxacin HCl	Cipro XR
levofloxacin/dextrose 5 % in water	Levaquin in 5 % dextrose
doxycycline hyclate	Doryx
doxycycline hyclate	Doryx MPC
fidaxomicin	Difucid
telavancin HCl	Vibativ
cefotetan disodium	Cefotan
cephalexin	Keflex
lansoprazole/amoxicillin trihydrate/clarithromycin	Prevpac
penicillin G benzathine	Bicillin L-A
penicillin G benzathine/penicillin G procaine	Bicillin C-R
minocycline HCl	Solodyn
erythromycin stearate	erythromycin stearate
omeprazole magnesium/amoxicillin trihydrate/rifabutin	Talicia
rifamycin sodium	Aemcolo
dalbavancin HCl	Dalvance
amoxicillin	Moxatag
colloidal bismuth subcitrate/metronidazole/tetracycline HCl	Pylera

**Appendix J. List of Non-Proprietary and Brand Names of Medical Products Used to Define Baseline Characteristics in this Request**

<b>Non-Proprietary Name</b>	<b>Brand Name</b>
cefiderocol sulfate tosylate	Fetroja
doripenem	Doribax
bedaquiline fumarate	Sirturo
rifabutin	rifabutin
doripenem	doripenem
penicillin G procaine	penicillin G procaine
quinupristin/dalfopristin	Synercid
aztreonam lysine	Cayston
vancomycin HCl	Vancocin
chloramphenicol sod succinate	chloramphenicol sod succinate
doxycycline hyclate	Doxy-100
gentamicin sulfate/PF	gentamicin sulfate (ped) (PF)
moxifloxacin HCl in sodium acetate and sulfate,water,iso-osm	moxifloxacin-sod.ace,sul-water
omeprazole/clarithromycin/amoxicillin trihydrate	Omeclamox-Pak
ceftibuten	Cedax
meropenem/vaborbactam	Vabomere
oritavancin diphosphate	Orbactiv
vancomycin HCl	Firvanq
NYSTATIN/TETRACYCLINE	FIRST-Mary's Mouthwash
moxifloxacin HCl in sodium chloride, iso-osmotic	moxifloxacin-sod.chloride(iso)
daptomycin	Cubicin
daptomycin	Cubicin RF
ceftolozane sulfate/tazobactam sodium	Zerbaxa
tedizolid phosphate	Sivextro
ciprofloxacin	ciprofloxacin
plazomicin sulfate	Zemdri
clindamycin phosphate	Clin Single Use
doxycycline monohydrate	Okebo
minocycline HCl	CoreMino
doxycycline hyclate	Targadox
doxycycline monohydrate	Mondoxyne NL
doxycycline hyclate	Soloxide
bacitracin	Baciguent
bismuth subsalicylate/metronidazole/tetracycline HCl	Helidac
cefuroxime sodium in 0.9 % sodium chloride/PF	cefuroxime (PF) in 0.9% NaCl
vancomycin HCl in water for injection (PEG-400, NADA)	vancomycin-water inject (PEG)
delafloxacin meglumine	Baxdela
oritavancin diphosphate	Kimyrsa
trimethoprim	Trimpex
vancomycin HCl in sterile water	vancomycin HCl in water
moxifloxacin HCl in sodium chloride,iso-osmotic/PF	moxifloxacin-sod chlor,iso(PF)
azithromycin/chondroitin sulfate A sodium/PF	Klarity-A (azithro-chondr)(PF)
minocycline HCl	Minolira ER
amikacin sulfate liposomal with nebulizer accessories	Arikayce
omadacycline tosylate	Nuzyra

**Appendix J. List of Non-Proprietary and Brand Names of Medical Products Used to Define Baseline Characteristics in this Request**

<b>Non-Proprietary Name</b>	<b>Brand Name</b>
omadacycline tosylate	Nuzyra (7 Day)
omadacycline tosylate	Nuzyra (7 Day with Load Dose)
eravacycline di-hydrochloride	Xerava
lefamulin acetate	Xenleta
doxycycline hyclate	LymePak
<b>Antivirals</b>	
tenofovir disoproxil fumarate	tenofovir disoproxil fumarate
tenofovir disoproxil fumarate	Viread
daclatasvir dihydrochloride	Daklinza
entecavir	Baraclude
stavudine	Zerit
atazanavir sulfate	Reyataz
atazanavir sulfate/cobicistat	Evotaz
valganciclovir HCl	Valcyte
ribavirin	Copegus
saquinavir mesylate	Invirase
peginterferon alfa-2a	Pegasys
peginterferon alfa-2a	Pegasys ProClick
enfuvirtide	Fuzeon
oseltamivir phosphate	Tamiflu
ganciclovir sodium	Cytovene
raltegravir potassium	Isentress
indinavir sulfate	Crixivan
doravirine	Pifeltro
elbasvir/grazoprevir	Zepatier
letermovir	Prevmis
raltegravir potassium	Isentress HD
doravirine/lamivudine/tenofovir disoproxil fumarate	Delstrigo
molnupiravir	molnupiravir
valacyclovir HCl	valacyclovir
famciclovir	famciclovir
ritonavir	ritonavir
nevirapine	nevirapine
efavirenz	Sustiva
nirmatrelvir/ritonavir	Paxlovid (EUA)
ombitasvir/paritaprevir/ritonavir/dasabuvir sodium	Viekira XR
lopinavir/ritonavir	Kaletra
ritonavir	Norvir
glecaprevir/pibrentasvir	Mavyret
ombitasvir/paritaprevir/ritonavir	Technivie
ombitasvir/paritaprevir/ritonavir/dasabuvir sodium	Viekira Pak
ribavirin	Moderiba
ribavirin	Moderiba Dose Pack
famciclovir	Famvir
telbivudine	Tyzeka

**Appendix J. List of Non-Proprietary and Brand Names of Medical Products Used to Define Baseline Characteristics in this Request**

<b>Non-Proprietary Name</b>	<b>Brand Name</b>
ribavirin	Rebetol
peginterferon alfa-2b	PegIntron
peginterferon alfa-2b	PegIntron Redipen
didanosine	Videx 2 gram Pediatric
didanosine	Videx 4 gram Pediatric
didanosine	Videx EC
efavirenz/emtricitabine/tenofovir disoproxil fumarate	efavirenz-emtricitabin-tenofov
abacavir sulfate/lamivudine	abacavir-lamivudine
lamivudine/zidovudine	lamivudine-zidovudine
atazanavir sulfate	atazanavir
entecavir	entecavir
ribavirin	ribavirin
emtricitabine/tenofovir disoproxil fumarate	emtricitabine-tenofovir (TDF)
oseltamivir phosphate	oseltamivir
acyclovir	acyclovir
rimantadine HCl	rimantadine
abacavir sulfate	abacavir
ganciclovir sodium	ganciclovir sodium
valacyclovir HCl	Valtrex
lamivudine	Epivir HBV
zanamivir	Relenza Diskhaler
acyclovir	Zovirax
ribavirin	Virazole
efavirenz	efavirenz
fosamprenavir calcium	fosamprenavir
stavudine	stavudine
lamivudine	lamivudine
zidovudine	zidovudine
didanosine	didanosine
foscarnet sodium	foscarnet
rimantadine HCl	Flumadine
lopinavir/ritonavir	lopinavir-ritonavir
valganciclovir HCl	valganciclovir
tipranavir/vitamin E TPGS	Aptivus (with vitamin E)
tipranavir	Aptivus
nevirapine	Viramune
nevirapine	Viramune XR
efavirenz/emtricitabine/tenofovir disoproxil fumarate	Atripla
ribavirin	RIBATAB Dose Pack
cidofovir	cidofovir
maraviroc	maraviroc
emtricitabine/tenofovir disoproxil fumarate	Truvada
efavirenz/lamivudine/tenofovir disoproxil fumarate	efavirenz-lamivu-tenofov disop
adefovir dipivoxil	adefovir
efavirenz/lamivudine/tenofovir disoproxil fumarate	Symfi Lo

**Appendix J. List of Non-Proprietary and Brand Names of Medical Products Used to Define Baseline Characteristics in this Request**

<b>Non-Proprietary Name</b>	<b>Brand Name</b>
lamivudine/tenofovir disoproxil fumarate	Cimduo
efavirenz/lamivudine/tenofovir disoproxil fumarate	Symfi
lamivudine/zidovudine	Combivir
lamivudine	Epivir
abacavir sulfate/lamivudine	Epzicom
fosamprenavir calcium	Lexiva
delavirdine mesylate	Rescriptor
zidovudine	Retrovir
abacavir sulfate/lamivudine/zidovudine	Trizivir
abacavir sulfate	Ziagen
maraviroc	Selzentry
dolutegravir sodium	Tivicay
abacavir sulfate/dolutegravir sodium/lamivudine	Triumeq
cabotegravir	cabotegravir
cabotegravir/rilpivirine	Cabenuva
dolutegravir sodium/rilpivirine HCl	Juluca
rilpivirine	rilpivirine
dolutegravir sodium/lamivudine	Dovato
cabotegravir sodium	Vocabria
fostemsavir tromethamine	Rukobia
dolutegravir sodium	Tivicay PD
abacavir sulfate/dolutegravir sodium/lamivudine	Triumeq PD
cabotegravir	Apretude
tecovirimat	Tpoxx (National Stockpile)
darunavir ethanolate	Prezista
elvitegravir/cobicistat/emtricitabine/tenofovir alafenamide	Genvoya
baloxavir marboxil	Xofluza
ganciclovir	ganciclovir
emtricitabine	Emtriva
nelfinavir mesylate	Viracept
etravirine	Intelence
emtricitabine/rilpivirine HCl/tenofovir disoproxil fumarate	Complera
elvitegravir/cobicistat/emtricitabine/tenofovir disoproxil	Stribild
darunavir ethanolate/cobicistat	Prezcobix
acyclovir sodium	acyclovir sodium
simeprevir sodium	Olysio
rilpivirine HCl	Edurant
darunavir eth/cobicistat/emtricitabine/tenofovir alafenamide	Symtuza
etravirine	etravirine
peramivir/PF	Rapivab (PF)
cidofovir	Vistide
adefovir dipivoxil	Hepsera
elvitegravir	Vitekta
sofosbuvir	Sovaldi
ledipasvir/sofosbuvir	Harvoni

**Appendix J. List of Non-Proprietary and Brand Names of Medical Products Used to Define Baseline Characteristics in this Request**

<b>Non-Proprietary Name</b>	<b>Brand Name</b>
emtricitabine/tenofovir alafenamide fumarate	Descovy
emtricitabine/rilpivirine HCl/tenofovir alafenamide fumarate	Odefsey
sofosbuvir/velpatasvir	Epclusa
tenofovir alafenamide	Vemlidy
sofosbuvir/velpatasvir/voxilaprevir	Vosevi
bictegravir sodium/emtricitabine/tenofovir alafenamide fumarate	Biktarvy
remdesivir	remdesivir
remdesivir	Veklury
ibalizumab-uiyk	Trogarzo
maribavir	Livtencity
ribavirin	Ribasphere
ribavirin	Ribasphere RibaPak
abacavir sulfate/lamivudine/zidovudine	abacavir-lamivudine-zidovudine
acyclovir	Sitavig
emtricitabine	emtricitabine
acyclovir sodium/dextrose 5 % in water	acyclovir sod in dextrose 5 %
acyclovir sodium in 0.9 % sodium chloride	acyclovir in 0.9 % sodium chl
acyclovir/benzyl alcohol	Acyclovix
lamivudine/tenofovir disoproxil fumarate	Temixys
ledipasvir/sofosbuvir	ledipasvir-sofosbuvir
sofosbuvir/velpatasvir	sofosbuvir-velpatasvir
foscarnet sodium	Foscavir
<b>Anticoagulants</b>	
apixaban	Eliquis
apixaban	Eliquis DVT-PE Treat 30D Start
fondaparinux sodium	Arixtra
argatroban	argatroban
warfarin sodium	Coumadin
heparin sodium,porcine/PF	heparin, porcine (PF)
heparin sodium,porcine	heparin (porcine)
dalteparin sodium,porcine	Fragmin
enoxaparin sodium	Lovenox
warfarin sodium	warfarin
argatroban in 0.9 % sodium chloride	argatroban in 0.9 % sod chlor
desirudin	lprivask
heparin sodium,porcine/dextrose 5 % in water	heparin (porcine) in 5 % dex
heparin sodium,porcine IN 0.9 % sodium chloride/PF	heparin (porcine) in NaCl (PF)
bivalirudin in 0.9 % sodium chloride	bivalirudin-0.9 % sodium chlor
citrate phosphate dextros soln	anticoag citrate phos dextrose
heparin sodium,porcine in 0.45 % sodium chloride	heparin(porcine) in 0.45% NaCl
bivalirudin	bivalirudin
enoxaparin sodium	enoxaparin
dabigatran etexilate mesylate	Pradaxa
argatroban in sodium chloride, iso-osmotic	argatroban in NaCL (iso-os)
fondaparinux sodium	fondaparinux



**Appendix J. List of Non-Proprietary and Brand Names of Medical Products Used to Define Baseline Characteristics in this Request**

<b>Non-Proprietary Name</b>	<b>Brand Name</b>
bivalirudin	Angiomax
warfarin sodium	Jantoven
dextrose-water/sodium citrate/citric acid	ACD-A
sodium citrate	sodium citrate
heparin sodium,porcine/PF	Heparin LockFlush(Porcine)(PF)
heparin sodium,porcine in 0.9 % sodium chloride	Heparin Flush
heparin sodium,porcine in 0.9 % sodium chloride	heparin flush(porcine)-0.9NaCl
heparin sodium,porcine/PF	Monoject Prefill (PF)
dextrose-water/sodium citrate/citric acid	ACD Solution A
sodium citrate dihydrate	TriCitrasol
citrate dextrose solution	ACD-A
sodium chloride/sodium citrate	Regiocit (EUA)
heparin sodium,porcine in 0.9 % sodium chloride	heparin (porcine) in 0.9% NaCl
heparin sodium,porcine in 0.45 % sodium chloride/PF	heparin (porc)-0.45% NaCl (PF)
rivaroxaban	Xarelto
rivaroxaban	Xarelto DVT-PE Treat 30d Start
heparin sodium,porcine/PF	Hep Flush-10 (PF)
heparin sodium,porcine	heparin lock flush (porcine)
edoxaban tosylate	Savaysa
sodium citrate in 0.9 % sodium chloride	sodium citrate in 0.9 % NaCl
betrixaban maleate	Bevyxxa
<b>Antidiabetics</b>	
dulaglutide	Trulicity
insulin lispro	Humalog U-100 Insulin
insulin lispro protamine and insulin lispro	Humalog Mix 75-25(U-100)Insulin
insulin lispro protamine and insulin lispro	Humalog Mix 50-50 Insulin U-100
insulin lispro	Humalog KwikPen Insulin
insulin lispro	Humalog Junior KwikPen U-100
insulin glargine,human recombinant analog	Basaglar KwikPen U-100 Insulin
insulin lispro-aabc	Lyumjev U-100 Insulin
insulin lispro	insulin lispro
insulin lispro-aabc	Lyumjev KwikPen U-100 Insulin
insulin regular, human	Humulin R Regular U-100 Insulin
insulin lispro-aabc	Lyumjev KwikPen U-200 Insulin
insulin lispro protamine and insulin lispro	insulin lispro protamin-lispro
insulin NPH human isophane	Humulin N NPH U-100 Insulin
insulin regular, human	Humulin R U-500 (Conc) Insulin
insulin NPH human isophane/insulin regular, human	Humulin 70/30 U-100 Insulin
insulin lispro protamine and insulin lispro	Humalog Mix 75-25 KwikPen
insulin lispro protamine and insulin lispro	Humalog Mix 50-50 KwikPen
insulin NPH human isophane/insulin regular, human	Humulin 70/30 U-100 KwikPen
insulin NPH human isophane	Humulin N NPH Insulin KwikPen
insulin regular, human	Humulin R U-500 (Conc) Kwikpen
sitagliptin phosphate/metformin HCl	Janumet XR
sitagliptin phosphate	Januvia

**Appendix J. List of Non-Proprietary and Brand Names of Medical Products Used to Define Baseline Characteristics in this Request**

<b>Non-Proprietary Name</b>	<b>Brand Name</b>
sitagliptin phosphate/metformin HCl	Janumet
ertugliflozin pidolate	Steglatro
ertugliflozin pidolate/sitagliptin phosphate	Steglujan
ertugliflozin pidolate/metformin HCl	Segluromet
glyburide,micronized	Glynase
miglitol	Glyset
lixisenatide	Adlyxin
insulin glargine,human recombinant analog/lixisenatide	Soliqua 100/33
insulin glargine,human recombinant analog	Toujeo SoloStar U-300 Insulin
insulin glargine,human recombinant analog	Toujeo Max U-300 SoloStar
insulin regular, human	Afrezza
insulin lispro	Admelog U-100 Insulin lispro
insulin lispro	Admelog SoloStar U-100 Insulin
glyburide	Diabeta
glimepiride	Amaryl
glipizide	Glucotrol XL
glipizide	Glucotrol
acarbose	acarbose
nateglinide	Starlix
metformin HCl	Glucophage
metformin HCl	Glucophage XR
glyburide/metformin HCl	Glucovance
insulin glargine,human recombinant analog	Lantus Solostar U-100 Insulin
insulin glargine,human recombinant analog	Lantus U-100 Insulin
insulin glulisine	Apidra U-100 Insulin
insulin glulisine	Apidra SoloStar U-100 Insulin
metformin HCl	metformin
pioglitazone HCl	pioglitazone
pioglitazone HCl/metformin HCl	pioglitazone-metformin
glyburide/metformin HCl	glyburide-metformin
glimepiride	glimepiride
glipizide/metformin HCl	glipizide-metformin
glyburide,micronized	glyburide micronized
glyburide	glyburide
repaglinide	Prandin
repaglinide/metformin HCl	Prandimet
insulin regular, human	Novolin R Regular U-100 Insulin
insulin NPH human isophane	Novolin N NPH U-100 Insulin
insulin NPH human isophane/insulin regular, human	Novolin 70/30 U-100 Insulin
insulin aspart	Novolog U-100 Insulin aspart
insulin aspart	Novolog Flexpen U-100 Insulin
insulin aspart protamine human/insulin aspart	Novolog Mix 70-30 U-100 Insulin
insulin aspart protamine human/insulin aspart	Novolog Mix 70-30FlexPen U-100
insulin degludec	Tresiba FlexTouch U-200
insulin degludec	Tresiba FlexTouch U-100

**Appendix J. List of Non-Proprietary and Brand Names of Medical Products Used to Define Baseline Characteristics in this Request**

<b>Non-Proprietary Name</b>	<b>Brand Name</b>
insulin degludec	Tresiba U-100 Insulin
insulin degludec/liraglutide	Xultophy 100/3.6
insulin regular, human	Novolin R Flexpen
insulin NPH human isophane	Novolin N Flexpen
insulin NPH human isophane/insulin regular, human	Novolin 70-30 FlexPen U-100
insulin aspart (niacinamide)	Fiasp U-100 Insulin
insulin aspart (niacinamide)	Fiasp FlexTouch U-100 Insulin
insulin aspart (niacinamide)	Fiasp Penfill U-100 Insulin
insulin aspart	Novolog PenFill U-100 Insulin
insulin detemir	Levemir U-100 Insulin
liraglutide	Victoza 2-Pak
liraglutide	Victoza 3-Pak
semaglutide	Ozempic
semaglutide	Rybelsus
insulin detemir	Levemir FlexTouch U-100 Insulin
rosiglitazone maleate	Avandia
albiglutide	Tanzeum
saxagliptin HCl	Onglyza
saxagliptin HCl/metformin HCl	Kombiglyze XR
dapagliflozin propanediol	Farxiga
dapagliflozin propanediol/metformin HCl	Xigduo XR
exenatide	Byetta
exenatide microspheres	Bydureon
exenatide microspheres	Bydureon BCise
pramlintide acetate	SymlinPen 60
pramlintide acetate	SymlinPen 120
dapagliflozin propanediol/saxagliptin HCl	Qtern
insulin regular, human in 0.9 % sodium chloride	Myxredlin
chlorpropamide	chlorpropamide
tolbutamide	tolbutamide
tolazamide	tolazamide
glipizide	glipizide
repaglinide	repaglinide
nateglinide	nateglinide
linagliptin	Tradjenta
linagliptin/metformin HCl	Jentadueto
empagliflozin	Jardiance
empagliflozin/metformin HCl	Synjardy
empagliflozin/linagliptin	Glyxambi
linagliptin/metformin HCl	Jentadueto XR
empagliflozin/metformin HCl	Synjardy XR
empagliflozin/linagliptin/metformin HCl	Trijardy XR
pioglitazone HCl/glimepiride	pioglitazone-glimepiride
metformin HCl	Riomet ER
metformin HCl	Riomet

**Appendix J. List of Non-Proprietary and Brand Names of Medical Products Used to Define Baseline Characteristics in this Request**

<b>Non-Proprietary Name</b>	<b>Brand Name</b>
alogliptin benzoate	alogliptin
alogliptin benzoate/metformin HCl	alogliptin-metformin
alogliptin benzoate/pioglitazone HCl	alogliptin-pioglitazone
insulin glargine,human recombinant analog	Semglee U-100 Insulin
insulin glargine,human recombinant analog	Semglee Pen U-100 Insulin
insulin glargine-yfgn	Semglee(insulin glargine-yfgn)
insulin glargine-yfgn	Semglee(insulin glarg-yfgn)Pen
insulin glargine-yfgn	insulin glargine-yfgn
acarbose	Precose
canagliflozin	Invokana
canagliflozin/metformin HCl	Invokamet
canagliflozin/metformin HCl	Invokamet XR
pioglitazone HCl	Actos
metformin HCl	Fortamet
rosiglitazone maleate/metformin HCl	Avandamet
pioglitazone HCl/metformin HCl	Actoplus MET
miglitol	miglitol
alogliptin benzoate/pioglitazone HCl	Oseni
alogliptin benzoate	Nesina
pioglitazone HCl/glimepiride	DUETACT
pioglitazone HCl/metformin HCl	Actoplus Met XR
alogliptin benzoate/metformin HCl	Kazano
metformin HCl	Glumetza
bromocriptine mesylate	Cycloset
repaglinide/metformin HCl	repaglinide-metformin
metformin HCl/blood sugar diagnostic	DM2
insulin aspart	insulin aspart U-100
insulin aspart protamine human/insulin aspart	insulin asp prt-insulin aspart
mifepristone	Korlym
<b>Antihypertensives</b>	
lisinopril	Prinivil
losartan potassium/hydrochlorothiazide	Hyzaar
losartan potassium	Cozaar
nebivolol HCl/valsartan	Byvalson
irbesartan	Avapro
irbesartan/hydrochlorothiazide	Avalide
spironolactone	Aldactone
eplerenone	Inspra
doxazosin mesylate	Cardura XL
doxazosin mesylate	Cardura
ramipril	ramipril
perindopril erbumine	perindopril erbumine
losartan potassium	losartan
losartan potassium/hydrochlorothiazide	losartan-hydrochlorothiazide
irbesartan	irbesartan

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<b>Non-Proprietary Name</b>	<b>Brand Name</b>
irbesartan/hydrochlorothiazide	irbesartan-hydrochlorothiazide
phenoxybenzamine HCl	phenoxybenzamine
bosentan	bosentan
telmisartan	telmisartan
telmisartan/hydrochlorothiazide	telmisartan-hydrochlorothiazid
sildenafil citrate	Revatio
prazosin HCl	Minipress
quinapril HCl/hydrochlorothiazide	Accuretic
quinapril HCl	Accupril
trandolapril	Mavik
trandolapril/verapamil HCl	Tarka
valsartan/hydrochlorothiazide	Diovan HCT
valsartan	Diovan
amlodipine besylate/benazepril HCl	Lotrel
aliskiren hemifumarate	Tekturna
amlodipine besylate/valsartan	Exforge
aliskiren hemifumarate/hydrochlorothiazide	Tekturna HCT
amlodipine besylate/valsartan/hydrochlorothiazide	Exforge HCT
sacubitril/valsartan	Entresto
moexipril HCl	moexipril
enalapril maleate	enalapril maleate
doxazosin mesylate	doxazosin
methyldopa	methyldopa
bisoprolol fumarate/hydrochlorothiazide	bisoprolol-hydrochlorothiazide
tadalafil	Alyq
prazosin HCl	prazosin
olmesartan medoxomil/amlodipine	olmesartan-amlodipin-hcthiazid
benazepril HCl	benazepril
moexipril HCl/hydrochlorothiazide	moexipril-hydrochlorothiazide
sildenafil citrate	sildenafil (pulm.hypertension)
amlodipine besylate/olmesartan medoxomil	amlodipine-olmesartan
amlodipine besylate/valsartan/hydrochlorothiazide	amlodipine-valsartan-hcthiazid
fosinopril sodium	fosinopril
trandolapril	trandolapril
amlodipine besylate/benazepril HCl	amlodipine-benazepril
valsartan	valsartan
olmesartan medoxomil	olmesartan
olmesartan medoxomil/hydrochlorothiazide	olmesartan-hydrochlorothiazide
amlodipine besylate/valsartan	amlodipine-valsartan
nadolol/bendroflumethiazide	nadolol-bendroflumethiazide
captopril	captopril
lisinopril/hydrochlorothiazide	lisinopril-hydrochlorothiazide
lisinopril	lisinopril
phentolamine mesylate	phentolamine
enalaprilat dihydrate	enalaprilat

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<b>Non-Proprietary Name</b>	<b>Brand Name</b>
epoprostenol sodium (glycine)	Flolan
reserpine	reserpine
benazepril HCl/hydrochlorothiazide	benazepril-hydrochlorothiazide
fosinopril sodium/hydrochlorothiazide	fosinopril-hydrochlorothiazide
eplerenone	eplerenone
candesartan cilexetil	Atacand
candesartan cilexetil/hydrochlorothiazide	Atacand HCT
enalapril maleate	Vasotec
enalapril maleate/hydrochlorothiazide	Vaseretic
nitroprusside sodium	Nitropress
clonidine HCl	clonidine HCl
spironolactone	spironolactone
clonidine HCl/chlorthalidone	Clorpres
captopril/hydrochlorothiazide	captopril-hydrochlorothiazide
propranolol HCl/hydrochlorothiazide	propranolol-hydrochlorothiazid
metoprolol tartrate/hydrochlorothiazide	metoprolol ta-hydrochlorothiaz
methyldopa/hydrochlorothiazide	methyldopa-hydrochlorothiazide
quinapril HCl/hydrochlorothiazide	quinapril-hydrochlorothiazide
enalapril maleate/hydrochlorothiazide	enalapril-hydrochlorothiazide
clonidine	clonidine
telmisartan/amlodipine besylate	telmisartan-amlodipine
guanfacine HCl	guanfacine
terazosin HCl	terazosin
atenolol/chlorthalidone	atenolol-chlorthalidone
candesartan cilexetil/hydrochlorothiazide	candesartan-hydrochlorothiazid
candesartan cilexetil	candesartan
ambrisentan	ambrisentan
valsartan/hydrochlorothiazide	valsartan-hydrochlorothiazide
eprosartan mesylate	eprosartan
tadalafil	tadalafil (pulm. hypertension)
fenoldopam mesylate	Corlopam
hydralazine HCl	hydralazine
papaverine HCl	papaverine
methyldopate HCl	methyldopate
minoxidil	minoxidil
clonidine HCl	Catapres
clonidine	Catapres-TTS-1
clonidine	Catapres-TTS-2
clonidine	Catapres-TTS-3
telmisartan	Micardis
telmisartan/hydrochlorothiazide	Micardis HCT
telmisartan/amlodipine besylate	Twynsta
treprostinil sodium	treprostinil sodium
epoprostenol sodium (glycine)	epoprostenol (glycine)
nitroprusside sodium	sodium nitroprusside

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<b>Non-Proprietary Name</b>	<b>Brand Name</b>
isosorbide dinitrate/hydralazine HCl	BiDil
metoprolol succinate/hydrochlorothiazide	Dutoprol
metyrosine	Demser
benazepril HCl	Lotensin
benazepril HCl/hydrochlorothiazide	Lotensin HCT
quinapril HCl	quinapril
olmesartan medoxomil/hydrochlorothiazide	Benicar HCT
isoxsuprine HCl	isoxsuprine
tadalafil	Adcirca
spironolactone	CaroSpir
aliskiren hemifumarate	aliskiren
olmesartan medoxomil	Benicar
riociguat	Adempas
finerenone	Kerendia
bisoprolol fumarate/hydrochlorothiazide	Ziac
nitroprusside sodium in 0.9 % sodium chloride	Nipride RTU
atenolol/chlorthalidone	Tenoretic 50
atenolol/chlorthalidone	Tenoretic 100
lisinopril/hydrochlorothiazide	Zestoretic
lisinopril	Zestril
isosorbide dinitrate/hydralazine HCl	isosorbide-hydralazine
enalapril maleate	Epaned
lisinopril	Qbrelis
ramipril	Altace
amlodipine besylate/olmesartan medoxomil	Azor
phenoxybenzamine HCl	Dibenzyline
trandolapril/verapamil HCl	trandolapril-verapamil
metyrosine	metyrosine
azilsartan medoxomil	Edarbi
azilsartan medoxomil/chlorthalidone	Edarbyclor
nadolol/bendroflumethiazide	Corzide
perindopril erbumine	Aceon
perindopril arginine/amlodipine besylate	Prestalia
ambrisentan	Letairis
epoprostenol sodium	epoprostenol
olmesartan medoxomil/amlodipine	Tribenzor
bosentan	Tracleer
iloprost tromethamine	Ventavis
epoprostenol sodium	Veletri
macitentan	Opsumit
selexipag	Uptravi
treprostinil sodium	Remodulin
treprostinil/nebulizer and accessories	Tyvaso Starter Kit
treprostinil/nebulizer accessories	Tyvaso Refill Kit
treprostinil	Tyvaso

**Appendix J. List of Non-Proprietary and Brand Names of Medical Products Used to Define Baseline Characteristics in this Request**

<b>Non-Proprietary Name</b>	<b>Brand Name</b>
treprostinil/nebulizer and accessories	Tyvaso Institutional Start Kit
treprostinil diolamine	Orenitram
guanfacine HCl	Tenex
mecamylamine HCl	Vecamyl
metoprolol succinate/hydrochlorothiazide	metoprolol su-hydrochlorothiaz
clonidine HCl	Nexiclon XR
<b>Antiplatelets</b>	
dipyridamole	dipyridamole
dipyridamole	Persantine
vorapaxar sulfate	Zontivity
ticagrelor	Brilinta
cangrelor tetrasodium	Kengreal
aspirin/dipyridamole	aspirin-dipyridamole
aspirin/dipyridamole	Aggrenox
eptifibatide	Integrilin
eptifibatide	eptifibatide
tirofiban HCl monohydrate	Aggrastat Concentrate
tirofiban HCl monohydrate in 0.9 % sodium chloride	Aggrastat in sodium chloride
abciximab	Reopro
cilostazol	cilostazol
cilostazol	Pletal
anagrelide HCl	anagrelide
anagrelide HCl	Agrylin
aspirin	aspirin
aspirin	Bayer Chewable Aspirin
aspirin	Aspirin Low Dose
aspirin/calcium carbonate	Women's Aspirin with Calcium
aspirin	Aspir-Low
aspirin	Aspirin Childrens
aspirin	Children's Aspirin
aspirin	Enteric Coated Aspirin
aspirin	Aspir-Trin
aspirin	Bayer Aspirin
aspirin	Extra Strength Bayer
aspirin	Bayer Advanced
aspirin	St. Joseph Aspirin
aspirin	St Joseph Aspirin
aspirin	Lite Coat Aspirin
aspirin	Lo-Dose Aspirin
aspirin	Aspirin Low-Strength
aspirin	Ecotrin
aspirin	Ecotrin Low Strength
aspirin	Child Aspirin
aspirin	Adult Low Dose Aspirin
aspirin	Durlaza



**Appendix J. List of Non-Proprietary and Brand Names of Medical Products Used to Define Baseline Characteristics in this Request**

<b>Non-Proprietary Name</b>	<b>Brand Name</b>
aspirin	Aspir-81
aspirin	E.C. Prin
aspirin/omeprazole	Yosprala
aspirin/omeprazole	aspirin-omeprazole
aspirin	Adult Aspirin Regimen
aspirin	Vazalore
prasugrel HCl	Effient
clopidogrel bisulfate	Plavix
clopidogrel bisulfate	clopidogrel
prasugrel HCl	prasugrel
ticlopidine HCl	ticlopidine
<b>Lipid-lowering Drugs</b>	
lomitapide mesylate	Juxtapid
evinacumab-dgnb	Evkeeza
mipomersen sodium	Kynamro
bempedoic acid	Nexletol
colestipol HCl	Colestid
colestipol HCl	Colestid Flavored
colesevelam HCl	colesevelam
colestipol HCl	colestipol
cholestyramine/aspartame	Cholestyramine Light
cholestyramine (with sugar)	cholestyramine (with sugar)
cholestyramine/aspartame	Prevalite
cholestyramine (with sugar)	Questran
cholestyramine/aspartame	Questran Light
cholestyramine/aspartame	cholestyramine-aspartame
colesevelam HCl	WelChol
gemfibrozil	Lopid
fenofibric acid (choline)	Trilipix
fenofibrate nanocrystallized	Tricor
gemfibrozil	gemfibrozil
fenofibrate nanocrystallized	fenofibrate nanocrystallized
fenofibrate,micronized	fenofibrate micronized
fenofibric acid (choline)	fenofibric acid (choline)
fenofibrate	fenofibrate
fenofibric acid	Fibricor
fenofibrate,micronized	Antara
fenofibric acid	fenofibric acid
fenofibrate,micronized	Lofibra
fenofibrate	Lofibra
fenofibrate nanocrystallized	Triglide
fenofibrate	Lipofen
fenofibrate	Fenoglide
pravastatin sodium	Pravachol
simvastatin	Zocor

**Appendix J. List of Non-Proprietary and Brand Names of Medical Products Used to Define Baseline Characteristics in this Request**

<b>Non-Proprietary Name</b>	<b>Brand Name</b>
atorvastatin calcium	Lipitor
fluvastatin sodium	Lescol
fluvastatin sodium	Lescol XL
lovastatin	lovastatin
pravastatin sodium	pravastatin
atorvastatin calcium	atorvastatin
simvastatin	simvastatin
fluvastatin sodium	fluvastatin
rosuvastatin calcium	rosuvastatin
rosuvastatin calcium	Crestor
pitavastatin magnesium	Zypitamag
simvastatin	FloLipid
rosuvastatin calcium	Ezallor Sprinkle
lovastatin	Altoprev
pitavastatin calcium	Livalo
niacin	Niaspan Extended-Release
niacin	niacin
niacin	Niacor
icosapent ethyl	icosapent ethyl
omega-3 acid ethyl esters	omega-3 acid ethyl esters
omega-3 acid ethyl esters	Lovaza
icosapent ethyl	Vascepa
omega-3 acid ethyl esters	Triklo
alirocumab	Praluent Pen
alirocumab	Praluent Syringe
inclisiran sodium	Leqvio
evolocumab	Repatha Syringe
evolocumab	Repatha SureClick
evolocumab	Repatha Pushtronex
ezetimibe	ezetimibe
ezetimibe	Zetia
omega-3 fatty acids/dha/epa/other omega-3s/fish oil	Centrum ProNutrients Omega-3
omega-3 fatty acids/dha/epa/other omega-3s/fish oil	omega-3s-dha-epa-fish oil
fish oil/docosahexaenoic acid/eicosapentaenoic acid	fish oil-dha-epa
vitamin E	vitamin E
krill oil/omega-3 fatty acids/docosahexaenoic acid/epa	krill oil-omega-3-dha-epa
inositol/choline/vitamin B complex	Lipogen
inositol	inositol
omega-3 fatty acids/docosahexaenoic acid/epa/fish oil	Sea-Omega 30
lecithin, soy	lecithin, soy
omega-3 fatty acids/fish oil	Fish Oil
omega-3 fatty acids/docosahexaenoic acid/epa/fish oil	Fish Oil
fish,flaxseed,eve primrose,blk currant,bor oils/om3,6,9 no.5	Omega 3-6-9 Fatty Acids
omega-3 fatty acids/fish oil	omega-3 fatty acids-fish oil
omega-3 fatty acids	Fish Oil Concentrate

**Appendix J. List of Non-Proprietary and Brand Names of Medical Products Used to Define Baseline Characteristics in this Request**

<b>Non-Proprietary Name</b>	<b>Brand Name</b>
fish oil/borage oil/flaxseed oil/omega 3,6,9 combination no1	fish,bora,flax oils-om3,6,9no1
omega-3 fatty acids/docosahexaenoic acid/epa/fish oil	omega 3-dha-epa-fish oil
krill oil/omega-3 fatty acids/dha/epa/phospholipids	MegaKrill
omega-3 fatty acids/dha/epa/other omega-3s/fish oil	Fish Oil
omega-3s/E/linoleic acid/alph-linoleic/oleic acid/gla/lipase	Omega 3-6-9 (with lipase)
docosahexaenoic acid/eicosapentaenoic acid	Fish Oil
krill oil	krill oil
phytosterol/omega-3 fatty acids/dha/epa/fish oil	phytosterol-om-3-dha-epa-fish
krill oil/omega-3 fatty acids/docosahexaenoic acid/epa	Fish Oil with Krill
omega-3 fatty acids/dha/epa/fish oil/vitamin D3	om-3-dha-epa-fish oil-vit D3
vitamin E acetate	vitamin E
lecithin	lecithin
omega-3 fatty acids/dha/epa/cod liver oil/vit A palm/vit D3	cod liver oil
policosanol/inositol niacinate/garlic	Policosanol-Garlic-Niacin
omega-3 fatty acids	Super Omega-3
salmon oil/omega-3 fatty acids	Salmon Oil-1000
phytosterol combination no.1	Cholest Care
krill oil/omega-3/dha/epa/omega-6/phospholipids/astaxanthin	Krill Oil (Omega 3 and 6)
chia seed oil/linolenic acid/linoleic acid/oleic acid	chia seed oil-omega 3-6-9
docosahexaenoic acid	docosahexaenoic acid
krill oil/omega-3 fatty acids/dha/epa/phospholipids/astaxan	krill-om-3-dha-epa-phospho-ast
fish oil/borage oil/flaxseed oil/omega 3,6,9 combination no1	Omega 3-6-9
omega-3 fatty acids	MaxEPA
omega-3 fatty acids	Fish Oil
omega-3 fatty acids/fish oil	Fish Oil Extra Strength
omega-3 fatty acids/fish oil	One-Per-Day Omega-3
docosahexaenoic acid	DHA Algal-900
phytosterol/cholecalciferol (vit D3)/fish oil	Cholesterol Relief
fish oil/safflower, flaxseed, borage oils/omega 3,6,9 no.2	Fish-Flax-Borage Oil
krill oil/omega-3 fatty acids/dha/epa/phospholipids	krill oil
omega-3/dha/epa/other omega-3s/fish oil/vitamin D3	Omega-3 Plus Vitamin D3
fish oil/flax oil/e.primrose/b.currant/bor oil/om 3,6,9 no.6	Fish, Flax andBorage Oil(Prim)
krill oil/omega-3 fatty acids/dha/epa/phospholipids	krill-omega-3-dha-epa-lipids
omega-3 fatty acids/dha/epa/ala/vitamin D3	omega-3-dha-epa-ala-vit D3
omega-3 fatty acids/fish oil	Fish Oil Pearls
fish oil/omega-3 fatty acids/vit E/folic acid/B6-B12	CardioVid PLUS
omega-3 fatty acids/docosahexaenoic acid/epa/fish oil	TherOmega
omega-3 fatty acids/docosahexaenoic acid/epa/fish oil	TherOmega Sport
krill oil/omega-3 fatty acids/dha/epa/phospholipids/astaxan	MegaRed Omega-3 Krill Oil
omega-3 fatty acids/dha/epa/fish oil/krill/lutein/zeaxanth	Megared Adv Total Body Refresh
omega-3 fatty acids/dha/epa/fish oil/krill/lutein/zeaxanth	Megared Advanced Total Body
omega-3 fatty acids/dha/epa/fish oil/krill oil	omega 3-dha-epa-fish oil-krill
krill oil/omega-3 fatty acids/dha/epa/phospholipids/astaxan	Antarctic Krill Oil
omega-3 fatty acids/dha/epa/fish oil/krill oil	MegaRed Advanced 4-in-1
omega-3 fatty acids	Super Twin EPA-DHA

**Appendix J. List of Non-Proprietary and Brand Names of Medical Products Used to Define Baseline Characteristics in this Request**

<b>Non-Proprietary Name</b>	<b>Brand Name</b>
omega-3 fatty acids	omega-3 fatty acids
omega-3 fatty acids/dha/epa/other omega-3s/fish oil	Vascazen
choline bitartrate	choline bitartrate
krill oil/omega-3 fatty acids/dha/epa/phospholipids/astaxan	krill oil
omega-3/dha/epa/other omega-3s/fish oil/vitamin D3	Fish Oil-Vit D3
omega 3,5,6,7,9 combination no.1/salmon oil	Complete Omega
omega-3/dha/epa/other omega-3s/fish oil/vitamin D3	omega-3s-dha-epa-fish oil-D3
phytosterol/pantethine	CholestOff Complete
fish oil/borage oil/flaxseed oil/omega 3,6,9 combination no1	Triple Omega 3-6-9
docosahexaenoic acid	Prenatal DHA
fish,flaxseed,eve primrose,blk currant,bor oils/om3,6,9 no.5	Super Omega-3
omega-3 fatty acids/docosahexaenoic acid/epa/fish oil	Omega 3 Fish Oil
omega-3 fatty acids/fish oil	Omega 3 Fish Oil
omega-3 fatty acids/dha/epa/dpa/fish oil	Omega-3 (with dpa)
omega-3 fatty acids/dha/epa/dpa/fish oil	Omega-3 2100
omega-3 fatty acids/dha/epa/other omega-3s/fish oil	Ocean Blue Omega-3
omega-3/dha/epa/other omega-3s/fish oil/vitamin D3	Ocean Blue Omega-3 Plus D3
omega-3 fatty acids/dha/epa/other omega-3s/fish oil	Omega Power
fish oil/borage oil/flaxseed oil/omega 3,6,9 combination no1	Omega 3-6-9 Complex
krill oil/omega-3 fatty acids/dha/epa/phospholipids/astaxan	Omega-3 Krill Oil
docosahexaenoic acid	Algal-900 DHA
omega-3 fatty acids/docosahexaenoic acid/epa/fish oil	Omera
policosanol combination no.3	Zyncol
omega-3 fatty acids/dha/epa/fish oil/Lactobacillus casei	Restora
omega-3 fatty acids/docosahexaenoic acid/epa	Ovega-3
krill oil/omega-3 fatty acids/dha/epa/phospholipids/astaxan	Maximum Red Krill Omega-3
omega-3 fatty acids/docosahexaenoic acid/epa/fish oil	Extreme Omega-3
omega 3,6,9 combination no.7	Omega DHA
docosahexaenoic acid	Atabex DHA 200
docosahexaenoic acid/eicosapentaenoic acid	Atabex DHA
omega-3 fatty acids/docosahexaenoic acid/epa/fish oil	EPA-DHA 720
omega-3 fatty acids/docosahexaenoic acid/epa/fish oil	Omega-3 Fish Oil
lecithin	Gram-O-Leci
racemethionine/inositol/choline/lysine/cyanocobalamin	Lipochol
methionine/inositol/choline/folic acid	Lipochol Plus
omega-3 fatty acids/docosahexaenoic acid/epa/fish oil	Luvira
omega-3 fatty acids/docosahexaenoic acid/epa/fish oil	OmegaPure 600 EC
omega-3 fatty acids/docosahexaenoic acid/epa/fish oil	Omega MonoPure DHA EC
omega-3 fatty acids/docosahexaenoic acid/epa/fish oil	OmegaPure 780 EC
omega-3 fatty acids/docosahexaenoic acid/epa/fish oil	OmegaPure 900 EC
omega-3 fatty acids/eicosapentaenoic acid (epa)/fish oil	Omega MonoPure EPA EC
omega-3 fatty acids/docosahexaenoic acid/epa/fish oil	Ultra Omega-3
phytosterol/omega-3 fatty acids/dha/epa/fish oil	Vayarol
salmon oil/omega-3 fatty acids	salmon oil-omega-3 fatty acids
docosahexaenoic acid	Algal Omega-3 DHA

**Appendix J. List of Non-Proprietary and Brand Names of Medical Products Used to Define Baseline Characteristics in this Request**

<b>Non-Proprietary Name</b>	<b>Brand Name</b>
phytosterol/omega-3 fatty acids/dha/epa/fish oil	CardioSterol
omega-3 fatty acids/docosahexaenoic acid/epa/fish oil	Omega-3
omega-3 fatty acids/dha/epa/fish oil/vitamin D3	Omega-3 Plus Vitamin D3
omega-3 fatty acids/dha/epa/other omega-3s/vitamin D3	Omega-3 Plus Vitamin D3
omega-3 fatty acids/dha/epa/fish oil/vitamin D3	Fish Oil-Vit D3
omega-3 fatty acids/docosahexaenoic acid/epa/fish oil	Super DHA Gems
fish oil/omega-3 fatty acids/ascorbic acid/vitamin E	Coromega
omega-3 fatty acids/docosahexaenoic acid/epa/fish oil	Coromega
chia seed oil/alpha linolenic,linoleic,oleic acid/dha	Adult Omega Plus DHA
omega-3/dha/epa/other omega-3s/fish oil/vitamin D3	Omega Essentials
omega-3 fatty acids/dha/epa/other omega-3s/fish oil	Omega Essentials Basic
omega-3/dha/epa/other omega-3s/fish oil/vitamin D3	Cardio Omega Benefits
amlodipine besylate/atorvastatin calcium	Caduet
niacin/lovastatin	Advicor
niacin/simvastatin	Simcor
ezetimibe/simvastatin	ezetimibe-simvastatin
amlodipine besylate/atorvastatin calcium	amlodipine-atorvastatin
ezetimibe/simvastatin	Vytorin 10-20
ezetimibe/simvastatin	Vytorin 10-40
ezetimibe/simvastatin	Vytorin 10-10
ezetimibe/simvastatin	Vytorin 10-80
ezetimibe/rosuvastatin calcium	Roszet
bempedoic acid/ezetimibe	Nexlizet
ezetimibe/rosuvastatin calcium	ezetimibe-rosuvastatin
niacin	Slo-Niacin
niacin	Endur-Acin
niacin	NiaVasc
niacin	NiaVasc 750
<b>Non-Steroidal Anti-Inflammatory Drugs</b>	
naproxen sodium	Anaprox
naproxen sodium	Anaprox DS
naproxen	Naprosyn
naproxen	EC-Naprosyn
ketorolac tromethamine	Acular
ketorolac tromethamine/PF	Acuvail (PF)
ketorolac tromethamine	Acular LS
oxaprozin	Daypro
diclofenac sodium/misoprostol	Arthrotec 50
diclofenac sodium/misoprostol	Arthrotec 75
celecoxib	Celebrex
ibuprofen	Children's Motrin
ibuprofen	Motrin IB
meloxicam	meloxicam
naproxen	naproxen
neprofenac	Nevanac

**Appendix J. List of Non-Proprietary and Brand Names of Medical Products Used to Define Baseline Characteristics in this Request**

<b>Non-Proprietary Name</b>	<b>Brand Name</b>
nepafenac	llevro
diclofenac sodium	Voltaren Arthritis Pain
piroxicam	Feldene
hydrocodone/ibuprofen	Vicoprofen
diclofenac sodium	Voltaren-XR
ketorolac tromethamine	ketorolac
naproxen sodium	naproxen sodium
flurbiprofen	flurbiprofen
piroxicam	piroxicam
etodolac	etodolac
oxaprozin	oxaprozin
diclofenac potassium	diclofenac potassium
nabumetone	nabumetone
diclofenac sodium	diclofenac sodium
tolmetin sodium	tolmetin
ketoprofen	ketoprofen
diclofenac epolamine	diclofenac epolamine
indomethacin	indomethacin
celecoxib	celecoxib
ibuprofen/famotidine	ibuprofen-famotidine
ibuprofen/diphenhydramine citrate	Ibuprofen PM
ibuprofen	Infant's Ibuprofen
ibuprofen	ibuprofen
ibuprofen	Children's Ibuprofen
naproxen sodium	All Day Pain Relief
ibuprofen	Ibuprofen Jr Strength
diclofenac sodium	Arthritis Pain (diclofenac)
ibuprofen/oxycodone HCl	ibuprofen-oxycodone
fenoprofen calcium	fenoprofen
mefenamic acid	mefenamic acid
naproxen sodium/pseudoephedrine HCl	Aleve Cold and Sinus
naproxen sodium/pseudoephedrine HCl	Aleve Sinus and Headache
ibuprofen/pseudoephedrine HCl	Wal-Profen Cold-Sinus
ibuprofen	Wal-Profen
naproxen sodium	Wal-Proxen
naproxen sodium/pseudoephedrine HCl	All Day Pain Relief Sinus,Cold
ibuprofen/pseudoephedrine HCl	Wal-Profen D Cold and Sinus
ibuprofen/diphenhydramine HCl	Ibuprofen PM
sulindac	sulindac
meclofenamate sodium	meclofenamate
naproxen/esomeprazole magnesium	naproxen-esomeprazole
bromfenac sodium	bromfenac
sumatriptan succinate/naproxen sodium	sumatriptan-naproxen
diclofenac sodium	Dyloject
indomethacin sodium	indomethacin sodium

**Appendix J. List of Non-Proprietary and Brand Names of Medical Products Used to Define Baseline Characteristics in this Request**

<b>Non-Proprietary Name</b>	<b>Brand Name</b>
ibuprofen	Infant's Motrin
ibuprofen/diphenhydramine citrate	Motrin PM
ketorolac tromethamine	Sprix
naproxen sodium	All Day Relief
ibuprofen/phenylephrine HCl	Congestion Relief (ibuprof-PE)
ibuprofen/acetaminophen	Advil Dual Action
ibuprofen	Advil
ibuprofen/diphenhydramine citrate	Advil PM
ibuprofen/diphenhydramine HCl	Advil PM Liqui-Gels
ibuprofen	Advil Migraine
ibuprofen	Advil Liqui-Gel
ibuprofen	Children's Advil
ibuprofen	Advil Junior Strength
ibuprofen/pseudoephedrine HCl	Advil Cold and Sinus
chlorpheniramine maleate/pseudoephedrine HCl/ibuprofen	Advil Allergy Sinus
ibuprofen	Infant's Advil
ibuprofen/phenylephrine HCl	Advil Congestion Relief
chlorpheniramine maleate/phenylephrine HCl/ibuprofen	Advil Allergy-Congestion Rlf
ibuprofen/phenylephrine HCl	Advil Sinus Congestion-Pain
diclofenac sodium/misoprostol	diclofenac-misoprostol
meloxicam	Mobic
hydrocodone/ibuprofen	hydrocodone-ibuprofen
ibuprofen	IBU-200
diclofenac sodium	Solaraze
ibuprofen	Ibuprofen IB
ibuprofen/pseudoephedrine HCl	Cold-Sinus Relief
naproxen sodium/pseudoephedrine HCl	Sinus and Cold-D
ibuprofen	Children's Ibu-Drops
ibuprofen/pseudoephedrine HCl	Ibuprofen Cold-Sinus(with PSE)
flurbiprofen sodium	Ocufen
naproxen sodium	Midol (naproxen)
diclofenac potassium	Zipsor
diclofenac potassium	Cambia
nabumetone	Relafen DS
diclofenac potassium	Lofena
diclofenac sodium/benzalkonium chloride	DS Prep Pak
ibuprofen/pseudoephedrine HCl	Cold and Sinus Pain Relief
flurbiprofen sodium	flurbiprofen sodium
bromfenac sodium	Prolensa
naproxen sodium	Aleve
naproxen sodium/pseudoephedrine HCl	Aleve-D Sinus and Headache
naproxen sodium/pseudoephedrine HCl	Aleve-D Sinus and Cold
naproxen sodium/diphenhydramine HCl	Aleve PM
naproxen sodium	Flanax (naproxen)
diclofenac epolamine	Flector

**Appendix J. List of Non-Proprietary and Brand Names of Medical Products Used to Define Baseline Characteristics in this Request**

<b>Non-Proprietary Name</b>	<b>Brand Name</b>
diclofenac sodium	Voltaren
ibuprofen	Child Ibuprofen
ibuprofen	Infants Ibu-Drops
ibuprofen	Ibu-Drops
ibuprofen lysine/PF	ibuprofen lysine (PF)
ibuprofen/diphenhydramine HCl	ibuprofen-diphenhydramine HCl
ibuprofen/pseudoephedrine HCl	Ibuprofen Cold
ibuprofen	Children's Profen IB
ibuprofen	Infants ProfenIB
fenoprofen calcium	Nalfon
indomethacin	Indocin
indomethacin, submicronized	Tivorbex
diclofenac submicronized	Zorvolex
meloxicam, submicronized	Vivlodex
sumatriptan succinate/naproxen sodium	Treximet
ibuprofen/irritants counter-irritants combination no.2	Comfort Pac-Ibuprofen
meloxicam/irritants counter-irritants combination no.2	Comfort Pac-Meloxicam
bupivacaine/meloxicam	Zynrelef
ibuprofen	I-Prin
naproxen sodium	Mediproxen
ibuprofen	Addaprin
bromfenac sodium	BromSite
ibuprofen/diphenhydramine citrate	ibuprofen-diphenhydramine cit
naproxen sodium/pseudoephedrine HCl	Sudafed Sinus 12Hr Pressr-Pain
ibuprofen/phenylephrine HCl	Sudafed PE Head Congestn-Pain
ibuprofen	Children's Motrin Jr Strength
hydrocodone/ibuprofen	Ibudone
diclofenac sodium	Vopac MDS
diclofenac sodium/capsicum oleoresin	Diclofex DC
hydrocodone/ibuprofen	Xylon 10
naproxen sodium	Naprelan CR
ketorolac tromethamine	ReadySharp ketorolac
fenoprofen calcium	Fenortho
ibuprofen	IBU
naproxen/irritant counter-irritant combination no.2	Comfort Pac-Naproxen
mefenamic acid	Ponstel
ibuprofen lysine/PF	NeoProfen (ibuprofen lysn)(PF)
diclofenac sodium/capsicum oleoresin	Inflamacin
diclofenac sodium/capsicum oleoresin	DermacinRx Lexitral
diclofenac sodium/kinesiology tape	Xrylix (diclofenac-kines tape)
diclofenac sodium	Klofensaid II
diclofenac sodium	VennGel One
diclofenac sodium/menthol/camphor	Diclotrex
diclofenac sodium/kinesiology tape	Clofenax
ibuprofen/glycerin	Ibupak



**Appendix J. List of Non-Proprietary and Brand Names of Medical Products Used to Define Baseline Characteristics in this Request**

<b>Non-Proprietary Name</b>	<b>Brand Name</b>
diclofenac sodium/kinesiology tape	Xrylix II
diclofenac sodium/capsicum oleoresin	Lexitral PharmaPak II
diclofenac sodium/menthol/camphor	DicloTrex II
celecoxib	Elyxyb
hydrocodone/ibuprofen	Reprexain
naproxen sodium/diphenhydramine HCl	Naproxen PM
ibuprofen	Provil
phenylephrine HCl/ketorolac tromethamine	Omidria
naproxen sodium/menthol	NaproPak Cool
naproxen	EC-Naproxen
NAPROXEN	Naproderm
ibuprofen	Caldolor
tramadol HCl/celecoxib	SeglentiS
fenoprofen calcium	ProFeno
meloxicam, submicronized	meloxicam submicronized
naproxen/capsaicin/menthol/methyl salicylate	Pain Relief Collection
etodolac	Lodine
amlodipine besylate/celecoxib	Consensi
diclofenac sodium/capsicum oleoresin	DermaSilkRx DicloPak
diclofenac sodium/capsicum oleoresin	Diclotral
diclofenac sodium/capsaicin	Flexipak
diclofenac sodium/capsaicin	Diclopak
diclofenac sodium	Diclozor
bupivacaine/ketorolac/ketamine	bupivacaine-ketorolac-ketamine
ropivacaine HCl/clonidine HCl/ketorolac tromethamine	ropivacaine-clonidin-ketorolac
ropivacaine/ketorolac/ketamine	ropivacaine-ketorolac-ketamine
diclofenac sodium/capsaicin	CapsFenac Pak
naproxen/capsaicin/menthol	NaproxenPax
naproxen/capsaicin/menthol	NaproPax
diclofenac sodium/capsicum oleoresin	Xenaflamm
diclofenac sodium/capsicum oleoresin	Xelitral
diclofenac sodium/kinesiology tape	Lexixryl
diclofenac sodium/lidocaine HCl/kinesiology tape	TriXylitral
diclofenac sodium	Diclo Gel
diclofenac sodium/kinesiology tape	Diclo Gel-Xrylix Sheet
celecoxib/capsaicin/menthol	CapXib
celecoxib/lidocaine/menthol	LidoXib
diclofenac sodium/capsicum oleoresin	Sure Result DSS Premium Pack
ibuprofen/pseudoephedrine HCl	Cold-Sinus Relief (ibuprofen)
ropivacaine HCl/epinephrine/clonidine HCl/ketorolac trometh	ropivacaine-epi-clonid-ketorol
prednisolone acetate/gatifloxacin/bromfenac sodium	prednisol ace-gatiflox-bromfen
prednisolone acetate/bromfenac sodium	prednisolone acetate-bromfenac
diclofenac sodium/methyl salicylate/menthol/camphor	Inflamma-K
meloxicam	Qmiiz ODT
diclofenac sodium/capsaicin	NuDiclo SoluPAK

**Appendix J. List of Non-Proprietary and Brand Names of Medical Products Used to Define Baseline Characteristics in this Request**

<b>Non-Proprietary Name</b>	<b>Brand Name</b>
diclofenac sodium/capsaicin	NuDiclo TabPAK
celecoxib/capsaicin/methyl salicylate/menthol	NuDroxiPAK
ibuprofen/capsaicin/methyl salicylate/menthol	NuDroxiPAK I-800
nabumetone/capsaicin/methyl salicylate/menthol	NuDroxiPAK N-500
diclofenac sodium/capsaicin/methyl salicylate/menthol	NuDroxiPAK DSDR-50
diclofenac sodium/capsaicin/methyl salicylate/menthol	NuDroxiPAK DSDR-75
etodolac/capsaicin/methyl salicylate/menthol	NuDroxiPAK E-400
diclofenac sodium/capsicum oleoresin	Kapzin DC
diclofenac sodium/capsicum oleoresin	Diclosaicin
diclofenac sodium/capsicum oleoresin	Iclofenac CP
diclofenac sodium/menthol	DiThol
ketoprofen	Frotek
ketoprofen, micronized	Frotek
diclofenac sodium	Diclofono
prednisolone acetate/moxifloxacin HCl/bromfenac sodium	prednisolone-moxiflox-bromfen
prednisolone acetate/moxifloxacin HCl/nepafenac	prednisolone-moxiflo-nepafenac
prednisolone sodium phosphate/moxifloxacin HCl/bromfenac	prednisoln sp-moxiflox-bromfen
prednisolone acetate/nepafenac	prednisolone acetate-nepafenac
prednisolone acetate/gatifloxacin/nepafenac	prednisolone-gatiflox-nepafen
dexamethasone sod ph/moxifloxacin HCl/ketorolac/sod	dexamet-moxifl-ketoro-NaCl(PF)
prednisolone sodium phosphate/gatifloxacin/bromfenac sodium	prednisoln sp-gatiflox-bromfen
prednisolone sodium phosphate/bromfenac sodium	prednisolone sod ph-bromfenac
tropicamide/propracaïne/phenylephrine/ketorolac in water	tropic-propracaï-pe-ketor-wat
tropicamide/propracaïne/phenylephrine/ketorolac in water	Mydriatic4(trop-prop-PE-ktrlc)
diclofenac sodium/methyl salicylate/menthol	DicloPR
meloxicam	Anjeso
diclofenac epolamine	Licart
diclofenac sodium/menthol/kinesiology tape	DiMentho
diclofenac sodium/lidocaine/methyl salicylate/camphor	Diclovix
diclofenac sodium/silicone, adhesive	Solaravix
diclofenac sodium/lidocaine	Lidovix
diclofenac sodium/menthol/kinesiology tape	Diclovix M
diclofenac sodium/capsaicin	Inavix
diclofenac sodium/capsaicin	Pennaicin
diclofenac sodium/methyl salicylate/menthol	Varophen (diclofenac)
diclofenac sodium/trolamine salicylate	Inflatherm (diclofenac-trolam)
diclofenac sodium/menthol/camphor	Inflatherm(diclofenac-menthol)
diclofenac sodium/hyaluronate sodium/niacinamide	diclofenac-hyaluronate-niacin
diclofenac sodium/hyaluronate sodium/niacinamide	Roaoxia
diclofenac sodium/capsicum oleoresin	Capsinac
indomethacin, submicronized	indomethacin submicronized
diclofenac submicronized	diclofenac submicronized
diclofenac sodium/kinesiology tape	Profinac
diclofenac sodium/capsicum oleoresin	Ziclopro
nabumetone	Relafen

**Appendix J. List of Non-Proprietary and Brand Names of Medical Products Used to Define Baseline Characteristics in this Request**

<b>Non-Proprietary Name</b>	<b>Brand Name</b>
diclofenac potassium	Cataflam
diclofenac sodium/capsicum oleoresin	PrevidolRx Plus Analgesic Pak
ibuprofen/famotidine	Duexis
naproxen/esomeprazole magnesium	Vimovo
diclofenac sodium	Pennsaid
ketorolac/norflurane and pentafluoropropane (HFC 245fa)	Toronova SUIK
ketorolac/norflurane and pentafluoropropane (HFC 245fa)	Toronova II SUIK
NAPROXEN	Napro
diclofenac sodium/capsaicin	Dicloheal-60
diclofenac sodium	Dicloprep-100
<b>Opioids</b>	
hydrocodone bitartrate/acetaminophen	Norco
codeine phosphate/butalbital/aspirin/caffeine	Fiorinal-Codeine #3
morphine sulfate	Kadian
meperidine HCl	Demerol
morphine sulfate	morphine
codeine sulfate	codeine sulfate
hydromorphone HCl	hydromorphone
oxymorphone HCl	oxymorphone
oxycodone HCl	oxycodone
morphine sulfate	morphine concentrate
oxycodone HCl/acetaminophen	oxycodone-acetaminophen
meperidine HCl	meperidine
hydrocodone/ibuprofen	Vicoprofen
hydrocodone bitartrate/acetaminophen	Vicodin
hydrocodone bitartrate/acetaminophen	Vicodin ES
hydrocodone bitartrate/acetaminophen	Vicodin HP
acetaminophen with codeine phosphate	acetaminophen-codeine
tramadol HCl	tramadol
hydrocodone bitartrate/acetaminophen	hydrocodone-acetaminophen
codeine phosphate/guaifenesin	codeine-guaifenesin
promethazine/phenylephrine HCl/codeine	Promethazine VC-Codeine
promethazine HCl/codeine	promethazine-codeine
hydrocodone bitartrate/homatropine methylbromide	hydrocodone-homatropine
hydrocodone bitartrate/pseudoephedrine HCl/guaifenesin	Hycofenix
hydrocodone bitartrate/guaifenesin	Flowtuss
carisoprodol/aspirin/codeine phosphate	carisoprodol-aspirin-codeine
acetaminophen with codeine phosphate	Capital with Codeine
hydrocodone polistirex/chlorpheniramine polistirex	TussiCaps
ibuprofen/oxycodone HCl	ibuprofen-oxycodone
oxycodone HCl/aspirin	oxycodone-aspirin
tramadol HCl/acetaminophen	tramadol-acetaminophen
levorphanol tartrate	levorphanol tartrate
meperidine HCl/PF	Demerol (PF)
pentazocine lactate	Talwin

**Appendix J. List of Non-Proprietary and Brand Names of Medical Products Used to Define Baseline Characteristics in this Request**

<b>Non-Proprietary Name</b>	<b>Brand Name</b>
morphine sulfate/PF	morphine (PF)
hydromorphone HCl/PF	hydromorphone (PF)
hydrocodone bitartrate/homatropine methylbromide	Hydromet
hydrocodone bitartrate/acetaminophen	Zamicet
codeine phosphate/butalbital/aspirin/caffeine	Butalbital Compound W/Codeine
hydrocodone bitart/chlorpheniramine	hydrocodone-cpm-pseudoephed
pentazocine HCl/naloxone HCl	pentazocine-naloxone
butalbital/acetaminophen/caffeine/codeine phosphate	butalbital-acetaminop-caf-cod
codeine phosphate/guaifenesin	Cheratussin AC
pseudoephedrine HCl/codeine phosphate/guaifenesin	Cheratussin DAC
codeine phosphate/guaifenesin	Iophen C-NR
pseudoephedrine HCl/codeine/chlorpheniramine	Phenylhistine DH
hydrocodone/ibuprofen	hydrocodone-ibuprofen
morphine sulfate/PF	Duramorph (PF)
morphine sulfate/PF	Infumorph P/F
meperidine HCl/PF	meperidine (PF)
codeine phosphate/guaifenesin	Mar-Cof CG
brompheniramine maleate/pseudoephedrine HCl/codeine	Mar-Cof BP
hydrocodone bitartrate/acetaminophen	Hycet
codeine phosphate/guaifenesin	Robafen AC
benzhydrocodone HCl/acetaminophen	Apadaz
benzhydrocodone HCl/acetaminophen	benzhydrocodone-acetaminophen
codeine phosphate/guaifenesin	M-Clear WC
dexbrompheniramine maleate/pseudoephedrine HCl/codeine	M-End Max D
brompheniramine maleate/phenylephrine HCl/codeine	M-END PE
hydromorphone HCl in 0.9 % sodium chloride/PF	hydromorphone (PF)-0.9 % NaCl
meperidine HCl in 0.9 % sodium chloride/PF	meperidine (PF) in 0.9 % NaCl
morphine sulfate in 0.9 % sodium chloride	morphine in 0.9 % sodium chlor
morphine sulfate in 0.9 % sodium chloride/PF	morphine (PF) in 0.9 % sod chl
pseudoephedrine HCl/codeine phosphate/guaifenesin	Guaifenesin DAC
codeine phosphate/guaifenesin	Guaifenesin AC
hydrocodone bitartrate/acetaminophen	Lortab Elixir
hydrocodone polistirex/chlorpheniramine polistirex	hydrocodone-chlorpheniramine
brompheniramine maleate/pseudoephedrine HCl/codeine	Rydex
codeine phosphate/guaifenesin	Ninjacof-XG
oxycodone HCl/acetaminophen	Xartemis XR
hydromorphone HCl	Exalgo ER
oxycodone HCl	Roxicodone
oxycodone HCl/acetaminophen	Primlev
tapentadol HCl	Nucynta
tapentadol HCl	Nucynta ER
oxycodone myristate	Xtampza ER
triprolidine HCl/phenylephrine HCl/codeine phosphate	Histex-AC
chlorpheniramine maleate/phenylephrine HCl/codeine	CapCof
oxycodone HCl/acetaminophen	Endocet

**Appendix J. List of Non-Proprietary and Brand Names of Medical Products Used to Define Baseline Characteristics in this Request**

<b>Non-Proprietary Name</b>	<b>Brand Name</b>
hydromorphone HCl	Dilaudid
tramadol HCl	Ultram ER
morphine sulfate	MS Contin
oxymorphone HCl	Opana
oxymorphone HCl	Opana ER
codeine phosphate/guaifenesin	RelCof C
acetaminophen/caffeine/dihydrocodeine bitartrate	acetaminophen-caff-dihydrocod
morphine sulfate/dextrose 5 % in water	morphine in dextrose 5 %
oxycodone HCl	OxyContin
TRAMADOL HCL/GLUCOSAMINE SULFATE	Synapryn
hydrocodone bitartrate	Zohydro ER
chlorpheniramine maleate/codeine phosphate	Zodryl AC 25
chlorpheniramine maleate/codeine phosphate	Zodryl AC 30
chlorpheniramine maleate/codeine phosphate	Zodryl AC 35
chlorpheniramine maleate/codeine phosphate	Zodryl AC 40
chlorpheniramine maleate/codeine phosphate	Zodryl AC 50
chlorpheniramine maleate/codeine phosphate	Zodryl AC 60
chlorpheniramine maleate/codeine phosphate	Zodryl AC 80
chlorpheniramine maleate/pseudoephedrine HCl/codeine	Zodryl DAC 25
chlorpheniramine maleate/pseudoephedrine HCl/codeine	Zodryl DAC 30
chlorpheniramine maleate/pseudoephedrine HCl/codeine	Zodryl DAC 35
chlorpheniramine maleate/pseudoephedrine HCl/codeine	Zodryl DAC 40
chlorpheniramine maleate/pseudoephedrine HCl/codeine	Zodryl DAC 50
chlorpheniramine maleate/pseudoephedrine HCl/codeine	Zodryl DAC 60
chlorpheniramine maleate/pseudoephedrine HCl/codeine	Zodryl DAC 80
pseudoephedrine HCl/codeine phosphate/guaifenesin	Zodryl DEC 25
pseudoephedrine HCl/codeine phosphate/guaifenesin	Zodryl DEC 30
pseudoephedrine HCl/codeine phosphate/guaifenesin	Zodryl DEC 35
pseudoephedrine HCl/codeine phosphate/guaifenesin	Zodryl DEC 40
pseudoephedrine HCl/codeine phosphate/guaifenesin	Zodryl DEC 50
pseudoephedrine HCl/codeine phosphate/guaifenesin	Zodryl DEC 60
pseudoephedrine HCl/codeine phosphate/guaifenesin	Zodryl DEC 80
hydromorphone HCl in 0.9 % sodium chloride	hydromorphone in 0.9 % NaCl
hydromorphone HCl/bupivacaine HCl in 0.9% sodium	hydromorphone-bupiv (PF)-NaCl
meperidine HCl in 0.9 % sodium chloride	meperidine in 0.9 % NaCl
hydrocodone bitartrate	hydrocodone bitartrate
aspirin/caffeine/dihydrocodeine bitartrate	Synalgos-DC
acetaminophen with codeine phosphate	Tylenol-Codeine #3
codeine phosphate/guaifenesin	Guaiaatusin AC
promethazine/phenylephrine HCl/codeine	promethazine-phenyleph-codeine
codeine phosphate/guaifenesin	Virtussin AC
acetaminophen with codeine phosphate	Tylenol-Codeine #4
tramadol HCl/acetaminophen	Ultracet
tramadol HCl	Ultram
hydrocodone polistirex/chlorpheniramine polistirex	Tussionex Pennkinetic ER

**Appendix J. List of Non-Proprietary and Brand Names of Medical Products Used to Define Baseline Characteristics in this Request**

<b>Non-Proprietary Name</b>	<b>Brand Name</b>
hydrocodone bitartrate/acetaminophen	Lortab 5-325
hydrocodone bitartrate/acetaminophen	Lortab 7.5-325
hydrocodone bitartrate/acetaminophen	Lortab 10-325
hydrocodone/ibuprofen	Ibudone
brompheniramine maleate/phenylephrine HCl/codeine	Poly-Tussin AC
hydrocodone/ibuprofen	Xylon 10
hydrocodone bitartrate/acetaminophen	Lorcet (hydrocodone)
hydrocodone bitartrate/acetaminophen	Lorcet Plus
hydrocodone bitartrate/acetaminophen	Lorcet HD
codeine phosphate/butalbital/aspirin/caffeine	Ascomp with Codeine
butalbital/acetaminophen/caffeine/codeine phosphate	Fioricet with Codeine
hydrocodone bitartrate/homatropine methylbromide	Hydrocodone Compound
pseudoephedrine HCl/codeine phosphate/guaifenesin	Tusnel C
codeine phosphate/butalbital/aspirin/caffeine	Butalbital Compound-Codeine
oxycodone HCl/acetaminophen	Percocet
oxycodone HCl	Oxaydo
aspirin/caffeine/dihydrocodeine bitartrate	aspirin-caffeine-dihydrocodein
codeine phosphate/guaifenesin	G Tussin AC
chlorpheniramine maleate/codeine phosphate	Z-Tuss AC
chlorpheniramine maleate/phenylephrine HCl/codeine	Maxi-Tuss CD
codeine phosphate/guaifenesin	Maxi-Tuss AC
hydrocodone bitartrate	Hysingla ER
hydromorphone HCl/PF	Dilaudid (PF)
hydromorphone HCl/PF	Dilaudid-HP (PF)
hydrocodone bitartrate/acetaminophen	Xodol 10/300
hydrocodone bitartrate/acetaminophen	Xodol 5/300
hydrocodone bitartrate/acetaminophen	Xodol 7.5/300
morphine sulfate/naltrexone HCl	Embeda
oxycodone HCl	Oxecta
hydrocodone/ibuprofen	Reprexain
morphine sulfate/dextrose 5%-water/PF	morphine (PF) in dextrose 5 %
hydromorphone HCl/ropivacaine in 0.9 % sodium chloride/PF	hydromorph(PF)-ropiv-0.9% NaCl
hydrocodone bitartrate/homatropine methylbromide	Tussigon
acetaminophen/caffeine/dihydrocodeine bitartrate	Trezix
codeine phosphate/butalbital/aspirin/caffeine	codeine-butalbital-ASA-caff
pseudoephedrine HCl/hydrocodone bitartrate	Rezira
hydrocodone bitart/chlorpheniramine	Zutripro
hydrocodone bitartrate/chlorpheniramine maleate	Vituz
hydrocodone bitartrate/homatropine methylbromide	Hycodan (with homatropine)
hydrocodone bitartrate/homatropine methylbromide	Hycodan
morphine sulfate	MorphaBond ER
oxycodone HCl	RoxyBond
codeine phosphate/guaifenesin	Pro-Clear Caps
codeine phosphate/pyrilamine maleate	Pro-Clear AC
dexchlorpheniramine maleate/phenylephrine HCl/codeine	Pro-Red AC (w/ dexchlorphenir)

**Appendix J. List of Non-Proprietary and Brand Names of Medical Products Used to Define Baseline Characteristics in this Request**

<b>Non-Proprietary Name</b>	<b>Brand Name</b>
hydromorphone HCl in dextrose 5 %-water/PF	hydromorphone in D5W (PF)
morphine sulfate/PF	Mitigo (PF)
tramadol HCl/celecoxib	Seglantis
tramadol HCl	ConZip
pseudoephedrine HCl/codeine phosphate/guaifenesin	Lortuss EX
hydrocodone bitartrate/guaifenesin	hydrocodone-guaifenesin
hydrocodone bitartrate/guaifenesin	Obredon
morphine sulfate	Arymo ER
hydromorphone HCl in sterile water/PF	hydromorphone (PF) in water
codeine polistirex/chlorpheniramine polistirex	Tuzistra XR
pseudoephedrine HCl/codeine phosphate/guaifenesin	Virtussin DAC
codeine phosphate/guaifenesin	Coditussin AC
pseudoephedrine HCl/codeine phosphate/guaifenesin	Coditussin DAC
acetaminophen/caffeine/dihydrocodeine bitartrate	Panlor(acetam-caff-dihydrocod)
acetaminophen/caffeine/dihydrocodeine bitartrate	Dvorah
chlorpheniramine maleate/codeine phosphate	Tuxarin ER
tramadol HCl	Qdolo
oxycodone HCl/acetaminophen	Nalocet
oxycodone HCl/acetaminophen	Prolate
hydromorphone HCl in sodium chloride, iso-osmotic/PF	hydromorphone(PF)-NaCl,iso-osm

**Appendix K. List of International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes and Healthcare Common Procedure Coding System (HCPCS) Codes Used to Define Baseline Characteristics in this Request**

Code	Description	Code Category	Code Type
<b>Abnormal Weight Loss</b>			
E40	Kwashiorkor	Diagnosis	ICD-10-CM
E41	Nutritional marasmus	Diagnosis	ICD-10-CM
E42	Marasmic kwashiorkor	Diagnosis	ICD-10-CM
E43	Unspecified severe protein-calorie malnutrition	Diagnosis	ICD-10-CM
E44.0	Moderate protein-calorie malnutrition	Diagnosis	ICD-10-CM
E44.1	Mild protein-calorie malnutrition	Diagnosis	ICD-10-CM
E45	Retarded development following protein-calorie malnutrition	Diagnosis	ICD-10-CM
E46	Unspecified protein-calorie malnutrition	Diagnosis	ICD-10-CM
E64.0	Sequelae of protein-calorie malnutrition	Diagnosis	ICD-10-CM
R63.4	Abnormal weight loss	Diagnosis	ICD-10-CM
<b>Acquired Hypothyroidism</b>			
E00.0	Congenital iodine-deficiency syndrome, neurological type	Diagnosis	ICD-10-CM
E00.1	Congenital iodine-deficiency syndrome, myxedematous type	Diagnosis	ICD-10-CM
E00.2	Congenital iodine-deficiency syndrome, mixed type	Diagnosis	ICD-10-CM
E00.9	Congenital iodine-deficiency syndrome, unspecified	Diagnosis	ICD-10-CM
E01.8	Other iodine-deficiency related thyroid disorders and allied conditions	Diagnosis	ICD-10-CM
E02	Subclinical iodine-deficiency hypothyroidism	Diagnosis	ICD-10-CM
E03.0	Congenital hypothyroidism with diffuse goiter	Diagnosis	ICD-10-CM
E03.1	Congenital hypothyroidism without goiter	Diagnosis	ICD-10-CM
E03.2	Hypothyroidism due to medicaments and other exogenous substances	Diagnosis	ICD-10-CM
E03.3	Postinfectious hypothyroidism	Diagnosis	ICD-10-CM
E03.4	Atrophy of thyroid (acquired)	Diagnosis	ICD-10-CM
E03.8	Other specified hypothyroidism	Diagnosis	ICD-10-CM
E03.9	Hypothyroidism, unspecified	Diagnosis	ICD-10-CM
E89.0	Postprocedural hypothyroidism	Diagnosis	ICD-10-CM
<b>Acute Myocardial Infarction</b>			
I21.01	ST elevation (STEMI) myocardial infarction involving left main coronary artery	Diagnosis	ICD-10-CM
I21.02	ST elevation (STEMI) myocardial infarction involving left anterior descending coronary artery	Diagnosis	ICD-10-CM
I21.09	ST elevation (STEMI) myocardial infarction involving other coronary artery of anterior wall	Diagnosis	ICD-10-CM
I21.11	ST elevation (STEMI) myocardial infarction involving right coronary artery	Diagnosis	ICD-10-CM
I21.19	ST elevation (STEMI) myocardial infarction involving other coronary artery of inferior wall	Diagnosis	ICD-10-CM
I21.21	ST elevation (STEMI) myocardial infarction involving left circumflex coronary artery	Diagnosis	ICD-10-CM
I21.29	ST elevation (STEMI) myocardial infarction involving other sites	Diagnosis	ICD-10-CM
I21.3	ST elevation (STEMI) myocardial infarction of unspecified site	Diagnosis	ICD-10-CM
I21.4	Non-ST elevation (NSTEMI) myocardial infarction	Diagnosis	ICD-10-CM
I21.9	Acute myocardial infarction, unspecified	Diagnosis	ICD-10-CM
I21.A1	Myocardial infarction type 2	Diagnosis	ICD-10-CM
I21.A9	Other myocardial infarction type	Diagnosis	ICD-10-CM
I22.0	Subsequent ST elevation (STEMI) myocardial infarction of anterior wall	Diagnosis	ICD-10-CM



**Appendix K. List of International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes and Healthcare Common Procedure Coding System (HCPCS) Codes Used to Define Baseline Characteristics in this Request**

<b>Code</b>	<b>Description</b>	<b>Code Category</b>	<b>Code Type</b>
I22.1	Subsequent ST elevation (STEMI) myocardial infarction of inferior wall	Diagnosis	ICD-10-CM
I22.2	Subsequent non-ST elevation (NSTEMI) myocardial infarction	Diagnosis	ICD-10-CM
I22.8	Subsequent ST elevation (STEMI) myocardial infarction of other sites	Diagnosis	ICD-10-CM
I22.9	Subsequent ST elevation (STEMI) myocardial infarction of unspecified site	Diagnosis	ICD-10-CM
I23.0	Hemopericardium as current complication following acute myocardial infarction	Diagnosis	ICD-10-CM
I23.1	Atrial septal defect as current complication following acute myocardial infarction	Diagnosis	ICD-10-CM
I23.2	Ventricular septal defect as current complication following acute myocardial infarction	Diagnosis	ICD-10-CM
I23.3	Rupture of cardiac wall without hemopericardium as current complication following acute myocardial infarction	Diagnosis	ICD-10-CM
I23.4	Rupture of chordae tendineae as current complication following acute myocardial infarction	Diagnosis	ICD-10-CM
I23.5	Rupture of papillary muscle as current complication following acute myocardial infarction	Diagnosis	ICD-10-CM
I23.6	Thrombosis of atrium, auricular appendage, and ventricle as current complications following acute myocardial infarction	Diagnosis	ICD-10-CM
I23.7	Postinfarction angina	Diagnosis	ICD-10-CM
I23.8	Other current complications following acute myocardial infarction	Diagnosis	ICD-10-CM
<b>Alcohol or Drug Abuse</b>			
F10.10	Alcohol abuse, uncomplicated	Diagnosis	ICD-10-CM
F10.11	Alcohol abuse, in remission	Diagnosis	ICD-10-CM
F10.120	Alcohol abuse with intoxication, uncomplicated	Diagnosis	ICD-10-CM
F10.121	Alcohol abuse with intoxication delirium	Diagnosis	ICD-10-CM
F10.129	Alcohol abuse with intoxication, unspecified	Diagnosis	ICD-10-CM
F10.130	Alcohol abuse with withdrawal, uncomplicated	Diagnosis	ICD-10-CM
F10.131	Alcohol abuse with withdrawal delirium	Diagnosis	ICD-10-CM
F10.132	Alcohol abuse with withdrawal with perceptual disturbance	Diagnosis	ICD-10-CM
F10.139	Alcohol abuse with withdrawal, unspecified	Diagnosis	ICD-10-CM
F10.14	Alcohol abuse with alcohol-induced mood disorder	Diagnosis	ICD-10-CM
F10.150	Alcohol abuse with alcohol-induced psychotic disorder with delusions	Diagnosis	ICD-10-CM
F10.151	Alcohol abuse with alcohol-induced psychotic disorder with hallucinations	Diagnosis	ICD-10-CM
F10.159	Alcohol abuse with alcohol-induced psychotic disorder, unspecified	Diagnosis	ICD-10-CM
F10.180	Alcohol abuse with alcohol-induced anxiety disorder	Diagnosis	ICD-10-CM
F10.181	Alcohol abuse with alcohol-induced sexual dysfunction	Diagnosis	ICD-10-CM
F10.182	Alcohol abuse with alcohol-induced sleep disorder	Diagnosis	ICD-10-CM
F10.188	Alcohol abuse with other alcohol-induced disorder	Diagnosis	ICD-10-CM
F10.19	Alcohol abuse with unspecified alcohol-induced disorder	Diagnosis	ICD-10-CM
F10.20	Alcohol dependence, uncomplicated	Diagnosis	ICD-10-CM
F10.21	Alcohol dependence, in remission	Diagnosis	ICD-10-CM
F10.220	Alcohol dependence with intoxication, uncomplicated	Diagnosis	ICD-10-CM
F10.221	Alcohol dependence with intoxication delirium	Diagnosis	ICD-10-CM
F10.229	Alcohol dependence with intoxication, unspecified	Diagnosis	ICD-10-CM

**Appendix K. List of International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes and Healthcare Common Procedure Coding System (HCPCS) Codes Used to Define Baseline Characteristics in this Request**

<b>Code</b>	<b>Description</b>	<b>Code Category</b>	<b>Code Type</b>
F10.230	Alcohol dependence with withdrawal, uncomplicated	Diagnosis	ICD-10-CM
F10.231	Alcohol dependence with withdrawal delirium	Diagnosis	ICD-10-CM
F10.232	Alcohol dependence with withdrawal with perceptual disturbance	Diagnosis	ICD-10-CM
F10.239	Alcohol dependence with withdrawal, unspecified	Diagnosis	ICD-10-CM
F10.24	Alcohol dependence with alcohol-induced mood disorder	Diagnosis	ICD-10-CM
F10.250	Alcohol dependence with alcohol-induced psychotic disorder with delusions	Diagnosis	ICD-10-CM
F10.251	Alcohol dependence with alcohol-induced psychotic disorder with hallucinations	Diagnosis	ICD-10-CM
F10.259	Alcohol dependence with alcohol-induced psychotic disorder, unspecified	Diagnosis	ICD-10-CM
F10.26	Alcohol dependence with alcohol-induced persisting amnesic disorder	Diagnosis	ICD-10-CM
F10.27	Alcohol dependence with alcohol-induced persisting dementia	Diagnosis	ICD-10-CM
F10.280	Alcohol dependence with alcohol-induced anxiety disorder	Diagnosis	ICD-10-CM
F10.281	Alcohol dependence with alcohol-induced sexual dysfunction	Diagnosis	ICD-10-CM
F10.282	Alcohol dependence with alcohol-induced sleep disorder	Diagnosis	ICD-10-CM
F10.288	Alcohol dependence with other alcohol-induced disorder	Diagnosis	ICD-10-CM
F10.29	Alcohol dependence with unspecified alcohol-induced disorder	Diagnosis	ICD-10-CM
F10.920	Alcohol use, unspecified with intoxication, uncomplicated	Diagnosis	ICD-10-CM
F10.921	Alcohol use, unspecified with intoxication delirium	Diagnosis	ICD-10-CM
F10.929	Alcohol use, unspecified with intoxication, unspecified	Diagnosis	ICD-10-CM
F10.930	Alcohol use, unspecified with withdrawal, uncomplicated	Diagnosis	ICD-10-CM
F10.931	Alcohol use, unspecified with withdrawal delirium	Diagnosis	ICD-10-CM
F10.932	Alcohol use, unspecified with withdrawal with perceptual disturbance	Diagnosis	ICD-10-CM
F10.939	Alcohol use, unspecified with withdrawal, unspecified	Diagnosis	ICD-10-CM
F10.94	Alcohol use, unspecified with alcohol-induced mood disorder	Diagnosis	ICD-10-CM
F10.950	Alcohol use, unspecified with alcohol-induced psychotic disorder with delusions	Diagnosis	ICD-10-CM
F10.951	Alcohol use, unspecified with alcohol-induced psychotic disorder with hallucinations	Diagnosis	ICD-10-CM
F10.959	Alcohol use, unspecified with alcohol-induced psychotic disorder, unspecified	Diagnosis	ICD-10-CM
F10.96	Alcohol use, unspecified with alcohol-induced persisting amnesic disorder	Diagnosis	ICD-10-CM
F10.97	Alcohol use, unspecified with alcohol-induced persisting dementia	Diagnosis	ICD-10-CM
F10.980	Alcohol use, unspecified with alcohol-induced anxiety disorder	Diagnosis	ICD-10-CM
F10.981	Alcohol use, unspecified with alcohol-induced sexual dysfunction	Diagnosis	ICD-10-CM
F10.982	Alcohol use, unspecified with alcohol-induced sleep disorder	Diagnosis	ICD-10-CM
F10.988	Alcohol use, unspecified with other alcohol-induced disorder	Diagnosis	ICD-10-CM
F10.99	Alcohol use, unspecified with unspecified alcohol-induced disorder	Diagnosis	ICD-10-CM
F11.10	Opioid abuse, uncomplicated	Diagnosis	ICD-10-CM
F11.11	Opioid abuse, in remission	Diagnosis	ICD-10-CM
F11.120	Opioid abuse with intoxication, uncomplicated	Diagnosis	ICD-10-CM
F11.121	Opioid abuse with intoxication delirium	Diagnosis	ICD-10-CM
F11.122	Opioid abuse with intoxication with perceptual disturbance	Diagnosis	ICD-10-CM
F11.129	Opioid abuse with intoxication, unspecified	Diagnosis	ICD-10-CM
F11.13	Opioid abuse with withdrawal	Diagnosis	ICD-10-CM
F11.14	Opioid abuse with opioid-induced mood disorder	Diagnosis	ICD-10-CM

**Appendix K. List of International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes and Healthcare Common Procedure Coding System (HCPCS) Codes Used to Define Baseline Characteristics in this Request**

<b>Code</b>	<b>Description</b>	<b>Code Category</b>	<b>Code Type</b>
F11.150	Opioid abuse with opioid-induced psychotic disorder with delusions	Diagnosis	ICD-10-CM
F11.151	Opioid abuse with opioid-induced psychotic disorder with hallucinations	Diagnosis	ICD-10-CM
F11.159	Opioid abuse with opioid-induced psychotic disorder, unspecified	Diagnosis	ICD-10-CM
F11.181	Opioid abuse with opioid-induced sexual dysfunction	Diagnosis	ICD-10-CM
F11.182	Opioid abuse with opioid-induced sleep disorder	Diagnosis	ICD-10-CM
F11.188	Opioid abuse with other opioid-induced disorder	Diagnosis	ICD-10-CM
F11.19	Opioid abuse with unspecified opioid-induced disorder	Diagnosis	ICD-10-CM
F11.20	Opioid dependence, uncomplicated	Diagnosis	ICD-10-CM
F11.220	Opioid dependence with intoxication, uncomplicated	Diagnosis	ICD-10-CM
F11.221	Opioid dependence with intoxication delirium	Diagnosis	ICD-10-CM
F11.222	Opioid dependence with intoxication with perceptual disturbance	Diagnosis	ICD-10-CM
F11.229	Opioid dependence with intoxication, unspecified	Diagnosis	ICD-10-CM
F11.23	Opioid dependence with withdrawal	Diagnosis	ICD-10-CM
F11.24	Opioid dependence with opioid-induced mood disorder	Diagnosis	ICD-10-CM
F11.250	Opioid dependence with opioid-induced psychotic disorder with delusions	Diagnosis	ICD-10-CM
F11.251	Opioid dependence with opioid-induced psychotic disorder with hallucinations	Diagnosis	ICD-10-CM
F11.259	Opioid dependence with opioid-induced psychotic disorder, unspecified	Diagnosis	ICD-10-CM
F11.281	Opioid dependence with opioid-induced sexual dysfunction	Diagnosis	ICD-10-CM
F11.282	Opioid dependence with opioid-induced sleep disorder	Diagnosis	ICD-10-CM
F11.288	Opioid dependence with other opioid-induced disorder	Diagnosis	ICD-10-CM
F11.29	Opioid dependence with unspecified opioid-induced disorder	Diagnosis	ICD-10-CM
F11.90	Opioid use, unspecified, uncomplicated	Diagnosis	ICD-10-CM
F11.920	Opioid use, unspecified with intoxication, uncomplicated	Diagnosis	ICD-10-CM
F11.921	Opioid use, unspecified with intoxication delirium	Diagnosis	ICD-10-CM
F11.922	Opioid use, unspecified with intoxication with perceptual disturbance	Diagnosis	ICD-10-CM
F11.929	Opioid use, unspecified with intoxication, unspecified	Diagnosis	ICD-10-CM
F11.93	Opioid use, unspecified with withdrawal	Diagnosis	ICD-10-CM
F11.94	Opioid use, unspecified with opioid-induced mood disorder	Diagnosis	ICD-10-CM
F11.950	Opioid use, unspecified with opioid-induced psychotic disorder with delusions	Diagnosis	ICD-10-CM
F11.951	Opioid use, unspecified with opioid-induced psychotic disorder with hallucinations	Diagnosis	ICD-10-CM
F11.959	Opioid use, unspecified with opioid-induced psychotic disorder, unspecified	Diagnosis	ICD-10-CM
F11.981	Opioid use, unspecified with opioid-induced sexual dysfunction	Diagnosis	ICD-10-CM
F11.982	Opioid use, unspecified with opioid-induced sleep disorder	Diagnosis	ICD-10-CM
F11.988	Opioid use, unspecified with other opioid-induced disorder	Diagnosis	ICD-10-CM
F11.99	Opioid use, unspecified with unspecified opioid-induced disorder	Diagnosis	ICD-10-CM
F12.10	Cannabis abuse, uncomplicated	Diagnosis	ICD-10-CM
F12.11	Cannabis abuse, in remission	Diagnosis	ICD-10-CM
F12.120	Cannabis abuse with intoxication, uncomplicated	Diagnosis	ICD-10-CM
F12.121	Cannabis abuse with intoxication delirium	Diagnosis	ICD-10-CM
F12.122	Cannabis abuse with intoxication with perceptual disturbance	Diagnosis	ICD-10-CM
F12.129	Cannabis abuse with intoxication, unspecified	Diagnosis	ICD-10-CM
F12.13	Cannabis abuse with withdrawal	Diagnosis	ICD-10-CM
F12.150	Cannabis abuse with psychotic disorder with delusions	Diagnosis	ICD-10-CM

**Appendix K. List of International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes and Healthcare Common Procedure Coding System (HCPCS) Codes Used to Define Baseline Characteristics in this Request**

<b>Code</b>	<b>Description</b>	<b>Code Category</b>	<b>Code Type</b>
F12.151	Cannabis abuse with psychotic disorder with hallucinations	Diagnosis	ICD-10-CM
F12.159	Cannabis abuse with psychotic disorder, unspecified	Diagnosis	ICD-10-CM
F12.180	Cannabis abuse with cannabis-induced anxiety disorder	Diagnosis	ICD-10-CM
F12.188	Cannabis abuse with other cannabis-induced disorder	Diagnosis	ICD-10-CM
F12.19	Cannabis abuse with unspecified cannabis-induced disorder	Diagnosis	ICD-10-CM
F12.20	Cannabis dependence, uncomplicated	Diagnosis	ICD-10-CM
F12.220	Cannabis dependence with intoxication, uncomplicated	Diagnosis	ICD-10-CM
F12.221	Cannabis dependence with intoxication delirium	Diagnosis	ICD-10-CM
F12.222	Cannabis dependence with intoxication with perceptual disturbance	Diagnosis	ICD-10-CM
F12.229	Cannabis dependence with intoxication, unspecified	Diagnosis	ICD-10-CM
F12.250	Cannabis dependence with psychotic disorder with delusions	Diagnosis	ICD-10-CM
F12.251	Cannabis dependence with psychotic disorder with hallucinations	Diagnosis	ICD-10-CM
F12.259	Cannabis dependence with psychotic disorder, unspecified	Diagnosis	ICD-10-CM
F12.280	Cannabis dependence with cannabis-induced anxiety disorder	Diagnosis	ICD-10-CM
F12.288	Cannabis dependence with other cannabis-induced disorder	Diagnosis	ICD-10-CM
F12.29	Cannabis dependence with unspecified cannabis-induced disorder	Diagnosis	ICD-10-CM
F12.90	Cannabis use, unspecified, uncomplicated	Diagnosis	ICD-10-CM
F12.920	Cannabis use, unspecified with intoxication, uncomplicated	Diagnosis	ICD-10-CM
F12.921	Cannabis use, unspecified with intoxication delirium	Diagnosis	ICD-10-CM
F12.922	Cannabis use, unspecified with intoxication with perceptual disturbance	Diagnosis	ICD-10-CM
F12.929	Cannabis use, unspecified with intoxication, unspecified	Diagnosis	ICD-10-CM
F12.950	Cannabis use, unspecified with psychotic disorder with delusions	Diagnosis	ICD-10-CM
F12.951	Cannabis use, unspecified with psychotic disorder with hallucinations	Diagnosis	ICD-10-CM
F12.959	Cannabis use, unspecified with psychotic disorder, unspecified	Diagnosis	ICD-10-CM
F12.980	Cannabis use, unspecified with anxiety disorder	Diagnosis	ICD-10-CM
F12.988	Cannabis use, unspecified with other cannabis-induced disorder	Diagnosis	ICD-10-CM
F12.99	Cannabis use, unspecified with unspecified cannabis-induced disorder	Diagnosis	ICD-10-CM
F13.10	Sedative, hypnotic or anxiolytic abuse, uncomplicated	Diagnosis	ICD-10-CM
F13.11	Sedative, hypnotic or anxiolytic abuse, in remission	Diagnosis	ICD-10-CM
F13.120	Sedative, hypnotic or anxiolytic abuse with intoxication, uncomplicated	Diagnosis	ICD-10-CM
F13.121	Sedative, hypnotic or anxiolytic abuse with intoxication delirium	Diagnosis	ICD-10-CM
F13.129	Sedative, hypnotic or anxiolytic abuse with intoxication, unspecified	Diagnosis	ICD-10-CM
F13.130	Sedative, hypnotic or anxiolytic abuse with withdrawal, uncomplicated	Diagnosis	ICD-10-CM
F13.131	Sedative, hypnotic or anxiolytic abuse with withdrawal delirium	Diagnosis	ICD-10-CM
F13.132	Sedative, hypnotic or anxiolytic abuse with withdrawal with perceptual disturbance	Diagnosis	ICD-10-CM
F13.139	Sedative, hypnotic or anxiolytic abuse with withdrawal, unspecified	Diagnosis	ICD-10-CM
F13.14	Sedative, hypnotic or anxiolytic abuse with sedative, hypnotic or anxiolytic-induced mood disorder	Diagnosis	ICD-10-CM
F13.150	Sedative, hypnotic or anxiolytic abuse with sedative, hypnotic or anxiolytic-induced psychotic disorder with delusions	Diagnosis	ICD-10-CM
F13.151	Sedative, hypnotic or anxiolytic abuse with sedative, hypnotic or anxiolytic-induced psychotic disorder with hallucinations	Diagnosis	ICD-10-CM

**Appendix K. List of International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes and Healthcare Common Procedure Coding System (HCPCS) Codes Used to Define Baseline Characteristics in this Request**

<b>Code</b>	<b>Description</b>	<b>Code Category</b>	<b>Code Type</b>
F13.159	Sedative, hypnotic or anxiolytic abuse with sedative, hypnotic or anxiolytic-induced psychotic disorder, unspecified	Diagnosis	ICD-10-CM
F13.180	Sedative, hypnotic or anxiolytic abuse with sedative, hypnotic or anxiolytic-induced anxiety disorder	Diagnosis	ICD-10-CM
F13.181	Sedative, hypnotic or anxiolytic abuse with sedative, hypnotic or anxiolytic-induced sexual dysfunction	Diagnosis	ICD-10-CM
F13.182	Sedative, hypnotic or anxiolytic abuse with sedative, hypnotic or anxiolytic-induced sleep disorder	Diagnosis	ICD-10-CM
F13.188	Sedative, hypnotic or anxiolytic abuse with other sedative, hypnotic or anxiolytic-induced disorder	Diagnosis	ICD-10-CM
F13.19	Sedative, hypnotic or anxiolytic abuse with unspecified sedative, hypnotic or anxiolytic-induced disorder	Diagnosis	ICD-10-CM
F13.20	Sedative, hypnotic or anxiolytic dependence, uncomplicated	Diagnosis	ICD-10-CM
F13.220	Sedative, hypnotic or anxiolytic dependence with intoxication, uncomplicated	Diagnosis	ICD-10-CM
F13.221	Sedative, hypnotic or anxiolytic dependence with intoxication delirium	Diagnosis	ICD-10-CM
F13.229	Sedative, hypnotic or anxiolytic dependence with intoxication, unspecified	Diagnosis	ICD-10-CM
F13.230	Sedative, hypnotic or anxiolytic dependence with withdrawal, uncomplicated	Diagnosis	ICD-10-CM
F13.231	Sedative, hypnotic or anxiolytic dependence with withdrawal delirium	Diagnosis	ICD-10-CM
F13.232	Sedative, hypnotic or anxiolytic dependence with withdrawal with perceptual disturbance	Diagnosis	ICD-10-CM
F13.239	Sedative, hypnotic or anxiolytic dependence with withdrawal, unspecified	Diagnosis	ICD-10-CM
F13.24	Sedative, hypnotic or anxiolytic dependence with sedative, hypnotic or anxiolytic-induced mood disorder	Diagnosis	ICD-10-CM
F13.250	Sedative, hypnotic or anxiolytic dependence with sedative, hypnotic or anxiolytic-induced psychotic disorder with delusions	Diagnosis	ICD-10-CM
F13.251	Sedative, hypnotic or anxiolytic dependence with sedative, hypnotic or anxiolytic-induced psychotic disorder with hallucinations	Diagnosis	ICD-10-CM
F13.259	Sedative, hypnotic or anxiolytic dependence with sedative, hypnotic or anxiolytic-induced psychotic disorder, unspecified	Diagnosis	ICD-10-CM
F13.26	Sedative, hypnotic or anxiolytic dependence with sedative, hypnotic or anxiolytic-induced persisting amnesic disorder	Diagnosis	ICD-10-CM
F13.27	Sedative, hypnotic or anxiolytic dependence with sedative, hypnotic or anxiolytic-induced persisting dementia	Diagnosis	ICD-10-CM
F13.280	Sedative, hypnotic or anxiolytic dependence with sedative, hypnotic or anxiolytic-induced anxiety disorder	Diagnosis	ICD-10-CM
F13.281	Sedative, hypnotic or anxiolytic dependence with sedative, hypnotic or anxiolytic-induced sexual dysfunction	Diagnosis	ICD-10-CM
F13.282	Sedative, hypnotic or anxiolytic dependence with sedative, hypnotic or anxiolytic-induced sleep disorder	Diagnosis	ICD-10-CM
F13.288	Sedative, hypnotic or anxiolytic dependence with other sedative, hypnotic or anxiolytic-induced disorder	Diagnosis	ICD-10-CM
F13.29	Sedative, hypnotic or anxiolytic dependence with unspecified sedative, hypnotic or anxiolytic-induced disorder	Diagnosis	ICD-10-CM
F13.90	Sedative, hypnotic, or anxiolytic use, unspecified, uncomplicated	Diagnosis	ICD-10-CM

**Appendix K. List of International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes and Healthcare Common Procedure Coding System (HCPCS) Codes Used to Define Baseline Characteristics in this Request**

<b>Code</b>	<b>Description</b>	<b>Code Category</b>	<b>Code Type</b>
F13.920	Sedative, hypnotic or anxiolytic use, unspecified with intoxication, uncomplicated	Diagnosis	ICD-10-CM
F13.921	Sedative, hypnotic or anxiolytic use, unspecified with intoxication delirium	Diagnosis	ICD-10-CM
F13.929	Sedative, hypnotic or anxiolytic use, unspecified with intoxication, unspecified	Diagnosis	ICD-10-CM
F13.930	Sedative, hypnotic or anxiolytic use, unspecified with withdrawal, uncomplicated	Diagnosis	ICD-10-CM
F13.931	Sedative, hypnotic or anxiolytic use, unspecified with withdrawal delirium	Diagnosis	ICD-10-CM
F13.932	Sedative, hypnotic or anxiolytic use, unspecified with withdrawal with perceptual disturbances	Diagnosis	ICD-10-CM
F13.939	Sedative, hypnotic or anxiolytic use, unspecified with withdrawal, unspecified	Diagnosis	ICD-10-CM
F13.94	Sedative, hypnotic or anxiolytic use, unspecified with sedative, hypnotic or anxiolytic-induced mood disorder	Diagnosis	ICD-10-CM
F13.950	Sedative, hypnotic or anxiolytic use, unspecified with sedative, hypnotic or anxiolytic-induced psychotic disorder with delusions	Diagnosis	ICD-10-CM
F13.951	Sedative, hypnotic or anxiolytic use, unspecified with sedative, hypnotic or anxiolytic-induced psychotic disorder with hallucinations	Diagnosis	ICD-10-CM
F13.959	Sedative, hypnotic or anxiolytic use, unspecified with sedative, hypnotic or anxiolytic-induced psychotic disorder, unspecified	Diagnosis	ICD-10-CM
F13.96	Sedative, hypnotic or anxiolytic use, unspecified with sedative, hypnotic or anxiolytic-induced persisting amnestic disorder	Diagnosis	ICD-10-CM
F13.97	Sedative, hypnotic or anxiolytic use, unspecified with sedative, hypnotic or anxiolytic-induced persisting dementia	Diagnosis	ICD-10-CM
F13.980	Sedative, hypnotic or anxiolytic use, unspecified with sedative, hypnotic or anxiolytic-induced anxiety disorder	Diagnosis	ICD-10-CM
F13.981	Sedative, hypnotic or anxiolytic use, unspecified with sedative, hypnotic or anxiolytic-induced sexual dysfunction	Diagnosis	ICD-10-CM
F13.982	Sedative, hypnotic or anxiolytic use, unspecified with sedative, hypnotic or anxiolytic-induced sleep disorder	Diagnosis	ICD-10-CM
F13.988	Sedative, hypnotic or anxiolytic use, unspecified with other sedative, hypnotic or anxiolytic-induced disorder	Diagnosis	ICD-10-CM
F13.99	Sedative, hypnotic or anxiolytic use, unspecified with unspecified sedative, hypnotic or anxiolytic-induced disorder	Diagnosis	ICD-10-CM
F14.10	Cocaine abuse, uncomplicated	Diagnosis	ICD-10-CM
F14.11	Cocaine abuse, in remission	Diagnosis	ICD-10-CM
F14.120	Cocaine abuse with intoxication, uncomplicated	Diagnosis	ICD-10-CM
F14.121	Cocaine abuse with intoxication with delirium	Diagnosis	ICD-10-CM
F14.122	Cocaine abuse with intoxication with perceptual disturbance	Diagnosis	ICD-10-CM
F14.129	Cocaine abuse with intoxication, unspecified	Diagnosis	ICD-10-CM
F14.13	Cocaine abuse, unspecified with withdrawal	Diagnosis	ICD-10-CM
F14.14	Cocaine abuse with cocaine-induced mood disorder	Diagnosis	ICD-10-CM
F14.150	Cocaine abuse with cocaine-induced psychotic disorder with delusions	Diagnosis	ICD-10-CM
F14.151	Cocaine abuse with cocaine-induced psychotic disorder with hallucinations	Diagnosis	ICD-10-CM
F14.159	Cocaine abuse with cocaine-induced psychotic disorder, unspecified	Diagnosis	ICD-10-CM
F14.180	Cocaine abuse with cocaine-induced anxiety disorder	Diagnosis	ICD-10-CM



**Appendix K. List of International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes and Healthcare Common Procedure Coding System (HCPCS) Codes Used to Define Baseline Characteristics in this Request**

<b>Code</b>	<b>Description</b>	<b>Code Category</b>	<b>Code Type</b>
F14.181	Cocaine abuse with cocaine-induced sexual dysfunction	Diagnosis	ICD-10-CM
F14.182	Cocaine abuse with cocaine-induced sleep disorder	Diagnosis	ICD-10-CM
F14.188	Cocaine abuse with other cocaine-induced disorder	Diagnosis	ICD-10-CM
F14.19	Cocaine abuse with unspecified cocaine-induced disorder	Diagnosis	ICD-10-CM
F14.20	Cocaine dependence, uncomplicated	Diagnosis	ICD-10-CM
F14.220	Cocaine dependence with intoxication, uncomplicated	Diagnosis	ICD-10-CM
F14.221	Cocaine dependence with intoxication delirium	Diagnosis	ICD-10-CM
F14.222	Cocaine dependence with intoxication with perceptual disturbance	Diagnosis	ICD-10-CM
F14.229	Cocaine dependence with intoxication, unspecified	Diagnosis	ICD-10-CM
F14.23	Cocaine dependence with withdrawal	Diagnosis	ICD-10-CM
F14.24	Cocaine dependence with cocaine-induced mood disorder	Diagnosis	ICD-10-CM
F14.250	Cocaine dependence with cocaine-induced psychotic disorder with delusions	Diagnosis	ICD-10-CM
F14.251	Cocaine dependence with cocaine-induced psychotic disorder with hallucinations	Diagnosis	ICD-10-CM
F14.259	Cocaine dependence with cocaine-induced psychotic disorder, unspecified	Diagnosis	ICD-10-CM
F14.280	Cocaine dependence with cocaine-induced anxiety disorder	Diagnosis	ICD-10-CM
F14.281	Cocaine dependence with cocaine-induced sexual dysfunction	Diagnosis	ICD-10-CM
F14.282	Cocaine dependence with cocaine-induced sleep disorder	Diagnosis	ICD-10-CM
F14.288	Cocaine dependence with other cocaine-induced disorder	Diagnosis	ICD-10-CM
F14.29	Cocaine dependence with unspecified cocaine-induced disorder	Diagnosis	ICD-10-CM
F14.90	Cocaine use, unspecified, uncomplicated	Diagnosis	ICD-10-CM
F14.920	Cocaine use, unspecified with intoxication, uncomplicated	Diagnosis	ICD-10-CM
F14.921	Cocaine use, unspecified with intoxication delirium	Diagnosis	ICD-10-CM
F14.922	Cocaine use, unspecified with intoxication with perceptual disturbance	Diagnosis	ICD-10-CM
F14.929	Cocaine use, unspecified with intoxication, unspecified	Diagnosis	ICD-10-CM
F14.93	Cocaine use, unspecified with withdrawal	Diagnosis	ICD-10-CM
F14.94	Cocaine use, unspecified with cocaine-induced mood disorder	Diagnosis	ICD-10-CM
F14.950	Cocaine use, unspecified with cocaine-induced psychotic disorder with delusions	Diagnosis	ICD-10-CM
F14.951	Cocaine use, unspecified with cocaine-induced psychotic disorder with hallucinations	Diagnosis	ICD-10-CM
F14.959	Cocaine use, unspecified with cocaine-induced psychotic disorder, unspecified	Diagnosis	ICD-10-CM
F14.980	Cocaine use, unspecified with cocaine-induced anxiety disorder	Diagnosis	ICD-10-CM
F14.981	Cocaine use, unspecified with cocaine-induced sexual dysfunction	Diagnosis	ICD-10-CM
F14.982	Cocaine use, unspecified with cocaine-induced sleep disorder	Diagnosis	ICD-10-CM
F14.988	Cocaine use, unspecified with other cocaine-induced disorder	Diagnosis	ICD-10-CM
F14.99	Cocaine use, unspecified with unspecified cocaine-induced disorder	Diagnosis	ICD-10-CM
F15.10	Other stimulant abuse, uncomplicated	Diagnosis	ICD-10-CM
F15.11	Other stimulant abuse, in remission	Diagnosis	ICD-10-CM
F15.120	Other stimulant abuse with intoxication, uncomplicated	Diagnosis	ICD-10-CM
F15.121	Other stimulant abuse with intoxication delirium	Diagnosis	ICD-10-CM
F15.122	Other stimulant abuse with intoxication with perceptual disturbance	Diagnosis	ICD-10-CM
F15.129	Other stimulant abuse with intoxication, unspecified	Diagnosis	ICD-10-CM
F15.13	Other stimulant abuse with withdrawal	Diagnosis	ICD-10-CM

**Appendix K. List of International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes and Healthcare Common Procedure Coding System (HCPCS) Codes Used to Define Baseline Characteristics in this Request**

<b>Code</b>	<b>Description</b>	<b>Code Category</b>	<b>Code Type</b>
F15.14	Other stimulant abuse with stimulant-induced mood disorder	Diagnosis	ICD-10-CM
F15.150	Other stimulant abuse with stimulant-induced psychotic disorder with delusions	Diagnosis	ICD-10-CM
F15.151	Other stimulant abuse with stimulant-induced psychotic disorder with hallucinations	Diagnosis	ICD-10-CM
F15.159	Other stimulant abuse with stimulant-induced psychotic disorder, unspecified	Diagnosis	ICD-10-CM
F15.180	Other stimulant abuse with stimulant-induced anxiety disorder	Diagnosis	ICD-10-CM
F15.181	Other stimulant abuse with stimulant-induced sexual dysfunction	Diagnosis	ICD-10-CM
F15.182	Other stimulant abuse with stimulant-induced sleep disorder	Diagnosis	ICD-10-CM
F15.188	Other stimulant abuse with other stimulant-induced disorder	Diagnosis	ICD-10-CM
F15.19	Other stimulant abuse with unspecified stimulant-induced disorder	Diagnosis	ICD-10-CM
F15.20	Other stimulant dependence, uncomplicated	Diagnosis	ICD-10-CM
F15.220	Other stimulant dependence with intoxication, uncomplicated	Diagnosis	ICD-10-CM
F15.221	Other stimulant dependence with intoxication delirium	Diagnosis	ICD-10-CM
F15.222	Other stimulant dependence with intoxication with perceptual disturbance	Diagnosis	ICD-10-CM
F15.229	Other stimulant dependence with intoxication, unspecified	Diagnosis	ICD-10-CM
F15.23	Other stimulant dependence with withdrawal	Diagnosis	ICD-10-CM
F15.24	Other stimulant dependence with stimulant-induced mood disorder	Diagnosis	ICD-10-CM
F15.250	Other stimulant dependence with stimulant-induced psychotic disorder with delusions	Diagnosis	ICD-10-CM
F15.251	Other stimulant dependence with stimulant-induced psychotic disorder with hallucinations	Diagnosis	ICD-10-CM
F15.259	Other stimulant dependence with stimulant-induced psychotic disorder, unspecified	Diagnosis	ICD-10-CM
F15.280	Other stimulant dependence with stimulant-induced anxiety disorder	Diagnosis	ICD-10-CM
F15.281	Other stimulant dependence with stimulant-induced sexual dysfunction	Diagnosis	ICD-10-CM
F15.282	Other stimulant dependence with stimulant-induced sleep disorder	Diagnosis	ICD-10-CM
F15.288	Other stimulant dependence with other stimulant-induced disorder	Diagnosis	ICD-10-CM
F15.29	Other stimulant dependence with unspecified stimulant-induced disorder	Diagnosis	ICD-10-CM
F15.90	Other stimulant use, unspecified, uncomplicated	Diagnosis	ICD-10-CM
F15.920	Other stimulant use, unspecified with intoxication, uncomplicated	Diagnosis	ICD-10-CM
F15.921	Other stimulant use, unspecified with intoxication delirium	Diagnosis	ICD-10-CM
F15.922	Other stimulant use, unspecified with intoxication with perceptual disturbance	Diagnosis	ICD-10-CM
F15.929	Other stimulant use, unspecified with intoxication, unspecified	Diagnosis	ICD-10-CM
F15.93	Other stimulant use, unspecified with withdrawal	Diagnosis	ICD-10-CM
F15.94	Other stimulant use, unspecified with stimulant-induced mood disorder	Diagnosis	ICD-10-CM
F15.950	Other stimulant use, unspecified with stimulant-induced psychotic disorder with delusions	Diagnosis	ICD-10-CM
F15.951	Other stimulant use, unspecified with stimulant-induced psychotic disorder with hallucinations	Diagnosis	ICD-10-CM
F15.959	Other stimulant use, unspecified with stimulant-induced psychotic disorder, unspecified	Diagnosis	ICD-10-CM
F15.980	Other stimulant use, unspecified with stimulant-induced anxiety disorder	Diagnosis	ICD-10-CM



**Appendix K. List of International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes and Healthcare Common Procedure Coding System (HCPCS) Codes Used to Define Baseline Characteristics in this Request**

<b>Code</b>	<b>Description</b>	<b>Code Category</b>	<b>Code Type</b>
F15.981	Other stimulant use, unspecified with stimulant-induced sexual dysfunction	Diagnosis	ICD-10-CM
F15.982	Other stimulant use, unspecified with stimulant-induced sleep disorder	Diagnosis	ICD-10-CM
F15.988	Other stimulant use, unspecified with other stimulant-induced disorder	Diagnosis	ICD-10-CM
F15.99	Other stimulant use, unspecified with unspecified stimulant-induced disorder	Diagnosis	ICD-10-CM
F16.10	Hallucinogen abuse, uncomplicated	Diagnosis	ICD-10-CM
F16.11	Hallucinogen abuse, in remission	Diagnosis	ICD-10-CM
F16.120	Hallucinogen abuse with intoxication, uncomplicated	Diagnosis	ICD-10-CM
F16.121	Hallucinogen abuse with intoxication with delirium	Diagnosis	ICD-10-CM
F16.122	Hallucinogen abuse with intoxication with perceptual disturbance	Diagnosis	ICD-10-CM
F16.129	Hallucinogen abuse with intoxication, unspecified	Diagnosis	ICD-10-CM
F16.14	Hallucinogen abuse with hallucinogen-induced mood disorder	Diagnosis	ICD-10-CM
F16.150	Hallucinogen abuse with hallucinogen-induced psychotic disorder with delusions	Diagnosis	ICD-10-CM
F16.151	Hallucinogen abuse with hallucinogen-induced psychotic disorder with hallucinations	Diagnosis	ICD-10-CM
F16.159	Hallucinogen abuse with hallucinogen-induced psychotic disorder, unspecified	Diagnosis	ICD-10-CM
F16.180	Hallucinogen abuse with hallucinogen-induced anxiety disorder	Diagnosis	ICD-10-CM
F16.183	Hallucinogen abuse with hallucinogen persisting perception disorder (flashbacks)	Diagnosis	ICD-10-CM
F16.188	Hallucinogen abuse with other hallucinogen-induced disorder	Diagnosis	ICD-10-CM
F16.19	Hallucinogen abuse with unspecified hallucinogen-induced disorder	Diagnosis	ICD-10-CM
F16.20	Hallucinogen dependence, uncomplicated	Diagnosis	ICD-10-CM
F16.220	Hallucinogen dependence with intoxication, uncomplicated	Diagnosis	ICD-10-CM
F16.221	Hallucinogen dependence with intoxication with delirium	Diagnosis	ICD-10-CM
F16.229	Hallucinogen dependence with intoxication, unspecified	Diagnosis	ICD-10-CM
F16.24	Hallucinogen dependence with hallucinogen-induced mood disorder	Diagnosis	ICD-10-CM
F16.250	Hallucinogen dependence with hallucinogen-induced psychotic disorder with delusions	Diagnosis	ICD-10-CM
F16.251	Hallucinogen dependence with hallucinogen-induced psychotic disorder with hallucinations	Diagnosis	ICD-10-CM
F16.259	Hallucinogen dependence with hallucinogen-induced psychotic disorder, unspecified	Diagnosis	ICD-10-CM
F16.280	Hallucinogen dependence with hallucinogen-induced anxiety disorder	Diagnosis	ICD-10-CM
F16.283	Hallucinogen dependence with hallucinogen persisting perception disorder (flashbacks)	Diagnosis	ICD-10-CM
F16.288	Hallucinogen dependence with other hallucinogen-induced disorder	Diagnosis	ICD-10-CM
F16.29	Hallucinogen dependence with unspecified hallucinogen-induced disorder	Diagnosis	ICD-10-CM
F16.90	Hallucinogen use, unspecified, uncomplicated	Diagnosis	ICD-10-CM
F16.920	Hallucinogen use, unspecified with intoxication, uncomplicated	Diagnosis	ICD-10-CM
F16.921	Hallucinogen use, unspecified with intoxication with delirium	Diagnosis	ICD-10-CM
F16.929	Hallucinogen use, unspecified with intoxication, unspecified	Diagnosis	ICD-10-CM
F16.94	Hallucinogen use, unspecified with hallucinogen-induced mood disorder	Diagnosis	ICD-10-CM
F16.950	Hallucinogen use, unspecified with hallucinogen-induced psychotic disorder with delusions	Diagnosis	ICD-10-CM

**Appendix K. List of International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes and Healthcare Common Procedure Coding System (HCPCS) Codes Used to Define Baseline Characteristics in this Request**

<b>Code</b>	<b>Description</b>	<b>Code Category</b>	<b>Code Type</b>
F16.951	Hallucinogen use, unspecified with hallucinogen-induced psychotic disorder with hallucinations	Diagnosis	ICD-10-CM
F16.959	Hallucinogen use, unspecified with hallucinogen-induced psychotic disorder, unspecified	Diagnosis	ICD-10-CM
F16.980	Hallucinogen use, unspecified with hallucinogen-induced anxiety disorder	Diagnosis	ICD-10-CM
F16.983	Hallucinogen use, unspecified with hallucinogen persisting perception disorder (flashbacks)	Diagnosis	ICD-10-CM
F16.988	Hallucinogen use, unspecified with other hallucinogen-induced disorder	Diagnosis	ICD-10-CM
F16.99	Hallucinogen use, unspecified with unspecified hallucinogen-induced disorder	Diagnosis	ICD-10-CM
F17.203	Nicotine dependence unspecified, with withdrawal	Diagnosis	ICD-10-CM
F17.208	Nicotine dependence, unspecified, with other nicotine-induced disorders	Diagnosis	ICD-10-CM
F17.209	Nicotine dependence, unspecified, with unspecified nicotine-induced disorders	Diagnosis	ICD-10-CM
F17.213	Nicotine dependence, cigarettes, with withdrawal	Diagnosis	ICD-10-CM
F17.218	Nicotine dependence, cigarettes, with other nicotine-induced disorders	Diagnosis	ICD-10-CM
F17.219	Nicotine dependence, cigarettes, with unspecified nicotine-induced disorders	Diagnosis	ICD-10-CM
F17.223	Nicotine dependence, chewing tobacco, with withdrawal	Diagnosis	ICD-10-CM
F17.228	Nicotine dependence, chewing tobacco, with other nicotine-induced disorders	Diagnosis	ICD-10-CM
F17.229	Nicotine dependence, chewing tobacco, with unspecified nicotine-induced disorders	Diagnosis	ICD-10-CM
F17.293	Nicotine dependence, other tobacco product, with withdrawal	Diagnosis	ICD-10-CM
F17.298	Nicotine dependence, other tobacco product, with other nicotine-induced disorders	Diagnosis	ICD-10-CM
F17.299	Nicotine dependence, other tobacco product, with unspecified nicotine-induced disorders	Diagnosis	ICD-10-CM
F18.10	Inhalant abuse, uncomplicated	Diagnosis	ICD-10-CM
F18.11	Inhalant abuse, in remission	Diagnosis	ICD-10-CM
F18.120	Inhalant abuse with intoxication, uncomplicated	Diagnosis	ICD-10-CM
F18.121	Inhalant abuse with intoxication delirium	Diagnosis	ICD-10-CM
F18.129	Inhalant abuse with intoxication, unspecified	Diagnosis	ICD-10-CM
F18.14	Inhalant abuse with inhalant-induced mood disorder	Diagnosis	ICD-10-CM
F18.150	Inhalant abuse with inhalant-induced psychotic disorder with delusions	Diagnosis	ICD-10-CM
F18.151	Inhalant abuse with inhalant-induced psychotic disorder with hallucinations	Diagnosis	ICD-10-CM
F18.159	Inhalant abuse with inhalant-induced psychotic disorder, unspecified	Diagnosis	ICD-10-CM
F18.17	Inhalant abuse with inhalant-induced dementia	Diagnosis	ICD-10-CM
F18.180	Inhalant abuse with inhalant-induced anxiety disorder	Diagnosis	ICD-10-CM
F18.188	Inhalant abuse with other inhalant-induced disorder	Diagnosis	ICD-10-CM
F18.19	Inhalant abuse with unspecified inhalant-induced disorder	Diagnosis	ICD-10-CM
F18.20	Inhalant dependence, uncomplicated	Diagnosis	ICD-10-CM
F18.220	Inhalant dependence with intoxication, uncomplicated	Diagnosis	ICD-10-CM
F18.221	Inhalant dependence with intoxication delirium	Diagnosis	ICD-10-CM
F18.229	Inhalant dependence with intoxication, unspecified	Diagnosis	ICD-10-CM
F18.24	Inhalant dependence with inhalant-induced mood disorder	Diagnosis	ICD-10-CM
F18.250	Inhalant dependence with inhalant-induced psychotic disorder with delusions	Diagnosis	ICD-10-CM

**Appendix K. List of International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes and Healthcare Common Procedure Coding System (HCPCS) Codes Used to Define Baseline Characteristics in this Request**

<b>Code</b>	<b>Description</b>	<b>Code Category</b>	<b>Code Type</b>
F18.251	Inhalant dependence with inhalant-induced psychotic disorder with hallucinations	Diagnosis	ICD-10-CM
F18.259	Inhalant dependence with inhalant-induced psychotic disorder, unspecified	Diagnosis	ICD-10-CM
F18.27	Inhalant dependence with inhalant-induced dementia	Diagnosis	ICD-10-CM
F18.280	Inhalant dependence with inhalant-induced anxiety disorder	Diagnosis	ICD-10-CM
F18.288	Inhalant dependence with other inhalant-induced disorder	Diagnosis	ICD-10-CM
F18.29	Inhalant dependence with unspecified inhalant-induced disorder	Diagnosis	ICD-10-CM
F18.90	Inhalant use, unspecified, uncomplicated	Diagnosis	ICD-10-CM
F18.920	Inhalant use, unspecified with intoxication, uncomplicated	Diagnosis	ICD-10-CM
F18.921	Inhalant use, unspecified with intoxication with delirium	Diagnosis	ICD-10-CM
F18.929	Inhalant use, unspecified with intoxication, unspecified	Diagnosis	ICD-10-CM
F18.94	Inhalant use, unspecified with inhalant-induced mood disorder	Diagnosis	ICD-10-CM
F18.950	Inhalant use, unspecified with inhalant-induced psychotic disorder with delusions	Diagnosis	ICD-10-CM
F18.951	Inhalant use, unspecified with inhalant-induced psychotic disorder with hallucinations	Diagnosis	ICD-10-CM
F18.959	Inhalant use, unspecified with inhalant-induced psychotic disorder, unspecified	Diagnosis	ICD-10-CM
F18.97	Inhalant use, unspecified with inhalant-induced persisting dementia	Diagnosis	ICD-10-CM
F18.980	Inhalant use, unspecified with inhalant-induced anxiety disorder	Diagnosis	ICD-10-CM
F18.988	Inhalant use, unspecified with other inhalant-induced disorder	Diagnosis	ICD-10-CM
F18.99	Inhalant use, unspecified with unspecified inhalant-induced disorder	Diagnosis	ICD-10-CM
F19.10	Other psychoactive substance abuse, uncomplicated	Diagnosis	ICD-10-CM
F19.11	Other psychoactive substance abuse, in remission	Diagnosis	ICD-10-CM
F19.120	Other psychoactive substance abuse with intoxication, uncomplicated	Diagnosis	ICD-10-CM
F19.121	Other psychoactive substance abuse with intoxication delirium	Diagnosis	ICD-10-CM
F19.122	Other psychoactive substance abuse with intoxication with perceptual disturbances	Diagnosis	ICD-10-CM
F19.129	Other psychoactive substance abuse with intoxication, unspecified	Diagnosis	ICD-10-CM
F19.130	Other psychoactive substance abuse with withdrawal, uncomplicated	Diagnosis	ICD-10-CM
F19.131	Other psychoactive substance abuse with withdrawal delirium	Diagnosis	ICD-10-CM
F19.132	Other psychoactive substance abuse with withdrawal with perceptual disturbance	Diagnosis	ICD-10-CM
F19.139	Other psychoactive substance abuse with withdrawal, unspecified	Diagnosis	ICD-10-CM
F19.14	Other psychoactive substance abuse with psychoactive substance-induced mood disorder	Diagnosis	ICD-10-CM
F19.150	Other psychoactive substance abuse with psychoactive substance-induced psychotic disorder with delusions	Diagnosis	ICD-10-CM
F19.151	Other psychoactive substance abuse with psychoactive substance-induced psychotic disorder with hallucinations	Diagnosis	ICD-10-CM
F19.159	Other psychoactive substance abuse with psychoactive substance-induced psychotic disorder, unspecified	Diagnosis	ICD-10-CM
F19.16	Other psychoactive substance abuse with psychoactive substance-induced persisting amnesic disorder	Diagnosis	ICD-10-CM

**Appendix K. List of International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes and Healthcare Common Procedure Coding System (HCPCS) Codes Used to Define Baseline Characteristics in this Request**

<b>Code</b>	<b>Description</b>	<b>Code Category</b>	<b>Code Type</b>
F19.17	Other psychoactive substance abuse with psychoactive substance-induced persisting dementia	Diagnosis	ICD-10-CM
F19.180	Other psychoactive substance abuse with psychoactive substance-induced anxiety disorder	Diagnosis	ICD-10-CM
F19.181	Other psychoactive substance abuse with psychoactive substance-induced sexual dysfunction	Diagnosis	ICD-10-CM
F19.182	Other psychoactive substance abuse with psychoactive substance-induced sleep disorder	Diagnosis	ICD-10-CM
F19.188	Other psychoactive substance abuse with other psychoactive substance-induced disorder	Diagnosis	ICD-10-CM
F19.19	Other psychoactive substance abuse with unspecified psychoactive substance-induced disorder	Diagnosis	ICD-10-CM
F19.20	Other psychoactive substance dependence, uncomplicated	Diagnosis	ICD-10-CM
F19.21	Other psychoactive substance dependence, in remission	Diagnosis	ICD-10-CM
F19.220	Other psychoactive substance dependence with intoxication, uncomplicated	Diagnosis	ICD-10-CM
F19.221	Other psychoactive substance dependence with intoxication delirium	Diagnosis	ICD-10-CM
F19.222	Other psychoactive substance dependence with intoxication with perceptual disturbance	Diagnosis	ICD-10-CM
F19.229	Other psychoactive substance dependence with intoxication, unspecified	Diagnosis	ICD-10-CM
F19.230	Other psychoactive substance dependence with withdrawal, uncomplicated	Diagnosis	ICD-10-CM
F19.231	Other psychoactive substance dependence with withdrawal delirium	Diagnosis	ICD-10-CM
F19.232	Other psychoactive substance dependence with withdrawal with perceptual disturbance	Diagnosis	ICD-10-CM
F19.239	Other psychoactive substance dependence with withdrawal, unspecified	Diagnosis	ICD-10-CM
F19.24	Other psychoactive substance dependence with psychoactive substance-induced mood disorder	Diagnosis	ICD-10-CM
F19.250	Other psychoactive substance dependence with psychoactive substance-induced psychotic disorder with delusions	Diagnosis	ICD-10-CM
F19.251	Other psychoactive substance dependence with psychoactive substance-induced psychotic disorder with hallucinations	Diagnosis	ICD-10-CM
F19.259	Other psychoactive substance dependence with psychoactive substance-induced psychotic disorder, unspecified	Diagnosis	ICD-10-CM
F19.26	Other psychoactive substance dependence with psychoactive substance-induced persisting amnestic disorder	Diagnosis	ICD-10-CM
F19.27	Other psychoactive substance dependence with psychoactive substance-induced persisting dementia	Diagnosis	ICD-10-CM
F19.280	Other psychoactive substance dependence with psychoactive substance-induced anxiety disorder	Diagnosis	ICD-10-CM
F19.281	Other psychoactive substance dependence with psychoactive substance-induced sexual dysfunction	Diagnosis	ICD-10-CM
F19.282	Other psychoactive substance dependence with psychoactive substance-induced sleep disorder	Diagnosis	ICD-10-CM
F19.288	Other psychoactive substance dependence with other psychoactive substance-induced disorder	Diagnosis	ICD-10-CM

**Appendix K. List of International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes and Healthcare Common Procedure Coding System (HCPCS) Codes Used to Define Baseline Characteristics in this Request**

<b>Code</b>	<b>Description</b>	<b>Code Category</b>	<b>Code Type</b>
F19.29	Other psychoactive substance dependence with unspecified psychoactive substance-induced disorder	Diagnosis	ICD-10-CM
F19.90	Other psychoactive substance use, unspecified, uncomplicated	Diagnosis	ICD-10-CM
F19.920	Other psychoactive substance use, unspecified with intoxication, uncomplicated	Diagnosis	ICD-10-CM
F19.921	Other psychoactive substance use, unspecified with intoxication with delirium	Diagnosis	ICD-10-CM
F19.922	Other psychoactive substance use, unspecified with intoxication with perceptual disturbance	Diagnosis	ICD-10-CM
F19.929	Other psychoactive substance use, unspecified with intoxication, unspecified	Diagnosis	ICD-10-CM
F19.930	Other psychoactive substance use, unspecified with withdrawal, uncomplicated	Diagnosis	ICD-10-CM
F19.931	Other psychoactive substance use, unspecified with withdrawal delirium	Diagnosis	ICD-10-CM
F19.932	Other psychoactive substance use, unspecified with withdrawal with perceptual disturbance	Diagnosis	ICD-10-CM
F19.939	Other psychoactive substance use, unspecified with withdrawal, unspecified	Diagnosis	ICD-10-CM
F19.94	Other psychoactive substance use, unspecified with psychoactive substance-induced mood disorder	Diagnosis	ICD-10-CM
F19.950	Other psychoactive substance use, unspecified with psychoactive substance-induced psychotic disorder with delusions	Diagnosis	ICD-10-CM
F19.951	Other psychoactive substance use, unspecified with psychoactive substance-induced psychotic disorder with hallucinations	Diagnosis	ICD-10-CM
F19.959	Other psychoactive substance use, unspecified with psychoactive substance-induced psychotic disorder, unspecified	Diagnosis	ICD-10-CM
F19.96	Other psychoactive substance use, unspecified with psychoactive substance-induced persisting amnestic disorder	Diagnosis	ICD-10-CM
F19.97	Other psychoactive substance use, unspecified with psychoactive substance-induced persisting dementia	Diagnosis	ICD-10-CM
F19.980	Other psychoactive substance use, unspecified with psychoactive substance-induced anxiety disorder	Diagnosis	ICD-10-CM
F19.981	Other psychoactive substance use, unspecified with psychoactive substance-induced sexual dysfunction	Diagnosis	ICD-10-CM
F19.982	Other psychoactive substance use, unspecified with psychoactive substance-induced sleep disorder	Diagnosis	ICD-10-CM
F19.988	Other psychoactive substance use, unspecified with other psychoactive substance-induced disorder	Diagnosis	ICD-10-CM
F19.99	Other psychoactive substance use, unspecified with unspecified psychoactive substance-induced disorder	Diagnosis	ICD-10-CM
F55.0	Abuse of antacids	Diagnosis	ICD-10-CM
F55.1	Abuse of herbal or folk remedies	Diagnosis	ICD-10-CM
F55.2	Abuse of laxatives	Diagnosis	ICD-10-CM
F55.3	Abuse of steroids or hormones	Diagnosis	ICD-10-CM
F55.4	Abuse of vitamins	Diagnosis	ICD-10-CM
F55.8	Abuse of other non-psychoactive substances	Diagnosis	ICD-10-CM
G62.1	Alcoholic polyneuropathy	Diagnosis	ICD-10-CM

**Appendix K. List of International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes and Healthcare Common Procedure Coding System (HCPCS) Codes Used to Define Baseline Characteristics in this Request**

<b>Code</b>	<b>Description</b>	<b>Code Category</b>	<b>Code Type</b>
HZ2ZZZZ	Detoxification Services for Substance Abuse Treatment	Procedure	ICD-10-PCS
HZ30ZZZ	Individual Counseling for Substance Abuse Treatment, Cognitive	Procedure	ICD-10-PCS
HZ31ZZZ	Individual Counseling for Substance Abuse Treatment, Behavioral	Procedure	ICD-10-PCS
HZ32ZZZ	Individual Counseling for Substance Abuse Treatment, Cognitive-Behavioral	Procedure	ICD-10-PCS
HZ33ZZZ	Individual Counseling for Substance Abuse Treatment, 12-Step	Procedure	ICD-10-PCS
HZ34ZZZ	Individual Counseling for Substance Abuse Treatment, Interpersonal	Procedure	ICD-10-PCS
HZ35ZZZ	Individual Counseling for Substance Abuse Treatment, Vocational	Procedure	ICD-10-PCS
HZ36ZZZ	Individual Counseling for Substance Abuse Treatment, Psychoeducation	Procedure	ICD-10-PCS
HZ37ZZZ	Individual Counseling for Substance Abuse Treatment, Motivational Enhancement	Procedure	ICD-10-PCS
HZ38ZZZ	Individual Counseling for Substance Abuse Treatment, Confrontational	Procedure	ICD-10-PCS
HZ39ZZZ	Individual Counseling for Substance Abuse Treatment, Continuing Care	Procedure	ICD-10-PCS
HZ3BZZZ	Individual Counseling for Substance Abuse Treatment, Spiritual	Procedure	ICD-10-PCS
HZ40ZZZ	Group Counseling for Substance Abuse Treatment, Cognitive	Procedure	ICD-10-PCS
HZ93ZZZ	Pharmacotherapy for Substance Abuse Treatment, Antabuse	Procedure	ICD-10-PCS
HZ96ZZZ	Pharmacotherapy for Substance Abuse Treatment, Clonidine	Procedure	ICD-10-PCS
I42.6	Alcoholic cardiomyopathy	Diagnosis	ICD-10-CM
K29.20	Alcoholic gastritis without bleeding	Diagnosis	ICD-10-CM
K29.21	Alcoholic gastritis with bleeding	Diagnosis	ICD-10-CM
K70.0	Alcoholic fatty liver	Diagnosis	ICD-10-CM
K70.10	Alcoholic hepatitis without ascites	Diagnosis	ICD-10-CM
K70.11	Alcoholic hepatitis with ascites	Diagnosis	ICD-10-CM
K70.2	Alcoholic fibrosis and sclerosis of liver	Diagnosis	ICD-10-CM
K70.30	Alcoholic cirrhosis of liver without ascites	Diagnosis	ICD-10-CM
K70.31	Alcoholic cirrhosis of liver with ascites	Diagnosis	ICD-10-CM
K70.40	Alcoholic hepatic failure without coma	Diagnosis	ICD-10-CM
K70.41	Alcoholic hepatic failure with coma	Diagnosis	ICD-10-CM
K70.9	Alcoholic liver disease, unspecified	Diagnosis	ICD-10-CM
O99.320	Drug use complicating pregnancy, unspecified trimester	Diagnosis	ICD-10-CM
O99.321	Drug use complicating pregnancy, first trimester	Diagnosis	ICD-10-CM
O99.322	Drug use complicating pregnancy, second trimester	Diagnosis	ICD-10-CM
O99.323	Drug use complicating pregnancy, third trimester	Diagnosis	ICD-10-CM
O99.324	Drug use complicating childbirth	Diagnosis	ICD-10-CM
O99.325	Drug use complicating the puerperium	Diagnosis	ICD-10-CM
P04.3	Newborn affected by maternal use of alcohol	Diagnosis	ICD-10-CM
Q86.0	Fetal alcohol syndrome (dysmorphic)	Diagnosis	ICD-10-CM
T40.0X1A	Poisoning by opium, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T40.0X1D	Poisoning by opium, accidental (unintentional), subsequent encounter	Diagnosis	ICD-10-CM
T40.0X1S	Poisoning by opium, accidental (unintentional), sequela	Diagnosis	ICD-10-CM
T40.0X2A	Poisoning by opium, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T40.0X2D	Poisoning by opium, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T40.0X2S	Poisoning by opium, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T40.0X3A	Poisoning by opium, assault, initial encounter	Diagnosis	ICD-10-CM
T40.0X3D	Poisoning by opium, assault, subsequent encounter	Diagnosis	ICD-10-CM



**Appendix K. List of International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes and Healthcare Common Procedure Coding System (HCPCS) Codes Used to Define Baseline Characteristics in this Request**

<b>Code</b>	<b>Description</b>	<b>Code Category</b>	<b>Code Type</b>
T40.0X3S	Poisoning by opium, assault, sequela	Diagnosis	ICD-10-CM
T40.0X4A	Poisoning by opium, undetermined, initial encounter	Diagnosis	ICD-10-CM
T40.0X4D	Poisoning by opium, undetermined, subsequent encounter	Diagnosis	ICD-10-CM
T40.0X4S	Poisoning by opium, undetermined, sequela	Diagnosis	ICD-10-CM
T40.0X5A	Adverse effect of opium, initial encounter	Diagnosis	ICD-10-CM
T40.0X5D	Adverse effect of opium, subsequent encounter	Diagnosis	ICD-10-CM
T40.0X5S	Adverse effect of opium, sequela	Diagnosis	ICD-10-CM
T40.1X1A	Poisoning by heroin, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T40.1X1D	Poisoning by heroin, accidental (unintentional), subsequent encounter	Diagnosis	ICD-10-CM
T40.1X1S	Poisoning by heroin, accidental (unintentional), sequela	Diagnosis	ICD-10-CM
T40.1X2A	Poisoning by heroin, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T40.1X2D	Poisoning by heroin, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T40.1X2S	Poisoning by heroin, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T40.1X3A	Poisoning by heroin, assault, initial encounter	Diagnosis	ICD-10-CM
T40.1X3D	Poisoning by heroin, assault, subsequent encounter	Diagnosis	ICD-10-CM
T40.1X3S	Poisoning by heroin, assault, sequela	Diagnosis	ICD-10-CM
T40.1X4A	Poisoning by heroin, undetermined, initial encounter	Diagnosis	ICD-10-CM
T40.1X4D	Poisoning by heroin, undetermined, subsequent encounter	Diagnosis	ICD-10-CM
T40.1X4S	Poisoning by heroin, undetermined, sequela	Diagnosis	ICD-10-CM
T40.2X1A	Poisoning by other opioids, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T40.2X1D	Poisoning by other opioids, accidental (unintentional), subsequent encounter	Diagnosis	ICD-10-CM
T40.2X1S	Poisoning by other opioids, accidental (unintentional), sequela	Diagnosis	ICD-10-CM
T40.2X2A	Poisoning by other opioids, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T40.2X2D	Poisoning by other opioids, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T40.2X2S	Poisoning by other opioids, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T40.2X3A	Poisoning by other opioids, assault, initial encounter	Diagnosis	ICD-10-CM
T40.2X3D	Poisoning by other opioids, assault, subsequent encounter	Diagnosis	ICD-10-CM
T40.2X3S	Poisoning by other opioids, assault, sequela	Diagnosis	ICD-10-CM
T40.2X4A	Poisoning by other opioids, undetermined, initial encounter	Diagnosis	ICD-10-CM
T40.2X4D	Poisoning by other opioids, undetermined, subsequent encounter	Diagnosis	ICD-10-CM
T40.2X4S	Poisoning by other opioids, undetermined, sequela	Diagnosis	ICD-10-CM
T40.2X5A	Adverse effect of other opioids, initial encounter	Diagnosis	ICD-10-CM
T40.2X5D	Adverse effect of other opioids, subsequent encounter	Diagnosis	ICD-10-CM
T40.2X5S	Adverse effect of other opioids, sequela	Diagnosis	ICD-10-CM
T40.3X1A	Poisoning by methadone, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T40.3X1D	Poisoning by methadone, accidental (unintentional), subsequent encounter	Diagnosis	ICD-10-CM
T40.3X1S	Poisoning by methadone, accidental (unintentional), sequela	Diagnosis	ICD-10-CM
T40.3X2A	Poisoning by methadone, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T40.3X2D	Poisoning by methadone, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T40.3X2S	Poisoning by methadone, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T40.3X3A	Poisoning by methadone, assault, initial encounter	Diagnosis	ICD-10-CM
T40.3X3D	Poisoning by methadone, assault, subsequent encounter	Diagnosis	ICD-10-CM
T40.3X3S	Poisoning by methadone, assault, sequela	Diagnosis	ICD-10-CM
T40.3X4A	Poisoning by methadone, undetermined, initial encounter	Diagnosis	ICD-10-CM

**Appendix K. List of International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes and Healthcare Common Procedure Coding System (HCPCS) Codes Used to Define Baseline Characteristics in this Request**

<b>Code</b>	<b>Description</b>	<b>Code Category</b>	<b>Code Type</b>
T40.3X4D	Poisoning by methadone, undetermined, subsequent encounter	Diagnosis	ICD-10-CM
T40.3X4S	Poisoning by methadone, undetermined, sequela	Diagnosis	ICD-10-CM
T40.3X5A	Adverse effect of methadone, initial encounter	Diagnosis	ICD-10-CM
T40.3X5D	Adverse effect of methadone, subsequent encounter	Diagnosis	ICD-10-CM
T40.3X5S	Adverse effect of methadone, sequela	Diagnosis	ICD-10-CM
T40.411A	Poisoning by fentanyl or fentanyl analogs, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T40.411D	Poisoning by fentanyl or fentanyl analogs, accidental (unintentional), subsequent encounter	Diagnosis	ICD-10-CM
T40.411S	Poisoning by fentanyl or fentanyl analogs, accidental (unintentional), sequela	Diagnosis	ICD-10-CM
T40.412A	Poisoning by fentanyl or fentanyl analogs, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T40.412D	Poisoning by fentanyl or fentanyl analogs, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T40.412S	Poisoning by fentanyl or fentanyl analogs, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T40.413A	Poisoning by fentanyl or fentanyl analogs, assault, initial encounter	Diagnosis	ICD-10-CM
T40.413D	Poisoning by fentanyl or fentanyl analogs, assault, subsequent encounter	Diagnosis	ICD-10-CM
T40.413S	Poisoning by fentanyl or fentanyl analogs, assault, sequela	Diagnosis	ICD-10-CM
T40.414A	Poisoning by fentanyl or fentanyl analogs, undetermined, initial encounter	Diagnosis	ICD-10-CM
T40.414D	Poisoning by fentanyl or fentanyl analogs, undetermined, subsequent encounter	Diagnosis	ICD-10-CM
T40.414S	Poisoning by fentanyl or fentanyl analogs, undetermined, sequela	Diagnosis	ICD-10-CM
T40.415A	Adverse effect of fentanyl or fentanyl analogs, initial encounter	Diagnosis	ICD-10-CM
T40.415D	Adverse effect of fentanyl or fentanyl analogs, subsequent encounter	Diagnosis	ICD-10-CM
T40.415S	Adverse effect of fentanyl or fentanyl analogs, sequela	Diagnosis	ICD-10-CM
T40.421A	Poisoning by tramadol, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T40.421D	Poisoning by tramadol, accidental (unintentional), subsequent encounter	Diagnosis	ICD-10-CM
T40.421S	Poisoning by tramadol, accidental (unintentional), sequela	Diagnosis	ICD-10-CM
T40.422A	Poisoning by tramadol, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T40.422D	Poisoning by tramadol, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T40.422S	Poisoning by tramadol, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T40.423A	Poisoning by tramadol, assault, initial encounter	Diagnosis	ICD-10-CM
T40.423D	Poisoning by tramadol, assault, subsequent encounter	Diagnosis	ICD-10-CM
T40.423S	Poisoning by tramadol, assault, sequela	Diagnosis	ICD-10-CM
T40.424A	Poisoning by tramadol, undetermined, initial encounter	Diagnosis	ICD-10-CM
T40.424D	Poisoning by tramadol, undetermined, subsequent encounter	Diagnosis	ICD-10-CM
T40.424S	Poisoning by tramadol, undetermined, sequela	Diagnosis	ICD-10-CM
T40.425A	Adverse effect of tramadol, initial encounter	Diagnosis	ICD-10-CM
T40.425D	Adverse effect of tramadol, subsequent encounter	Diagnosis	ICD-10-CM
T40.425S	Adverse effect of tramadol, sequela	Diagnosis	ICD-10-CM
T40.491A	Poisoning by other synthetic narcotics, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T40.491D	Poisoning by other synthetic narcotics, accidental (unintentional), subsequent encounter	Diagnosis	ICD-10-CM



**Appendix K. List of International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes and Healthcare Common Procedure Coding System (HCPCS) Codes Used to Define Baseline Characteristics in this Request**

<b>Code</b>	<b>Description</b>	<b>Code Category</b>	<b>Code Type</b>
T40.491S	Poisoning by other synthetic narcotics, accidental (unintentional), sequela	Diagnosis	ICD-10-CM
T40.492A	Poisoning by other synthetic narcotics, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T40.492D	Poisoning by other synthetic narcotics, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T40.492S	Poisoning by other synthetic narcotics, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T40.493A	Poisoning by other synthetic narcotics, assault, initial encounter	Diagnosis	ICD-10-CM
T40.493D	Poisoning by other synthetic narcotics, assault, subsequent encounter	Diagnosis	ICD-10-CM
T40.493S	Poisoning by other synthetic narcotics, assault, sequela	Diagnosis	ICD-10-CM
T40.494A	Poisoning by other synthetic narcotics, undetermined, initial encounter	Diagnosis	ICD-10-CM
T40.494D	Poisoning by other synthetic narcotics, undetermined, subsequent encounter	Diagnosis	ICD-10-CM
T40.494S	Poisoning by other synthetic narcotics, undetermined, sequela	Diagnosis	ICD-10-CM
T40.495A	Adverse effect of other synthetic narcotics, initial encounter	Diagnosis	ICD-10-CM
T40.495D	Adverse effect of other synthetic narcotics, subsequent encounter	Diagnosis	ICD-10-CM
T40.495S	Adverse effect of other synthetic narcotics, sequela	Diagnosis	ICD-10-CM
T40.4X1A	Poisoning by other synthetic narcotics, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T40.4X1D	Poisoning by other synthetic narcotics, accidental (unintentional), subsequent encounter	Diagnosis	ICD-10-CM
T40.4X1S	Poisoning by other synthetic narcotics, accidental (unintentional), sequela	Diagnosis	ICD-10-CM
T40.4X2A	Poisoning by other synthetic narcotics, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T40.4X2D	Poisoning by other synthetic narcotics, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T40.4X2S	Poisoning by other synthetic narcotics, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T40.4X3A	Poisoning by other synthetic narcotics, assault, initial encounter	Diagnosis	ICD-10-CM
T40.4X3D	Poisoning by other synthetic narcotics, assault, subsequent encounter	Diagnosis	ICD-10-CM
T40.4X3S	Poisoning by other synthetic narcotics, assault, sequela	Diagnosis	ICD-10-CM
T40.4X4A	Poisoning by other synthetic narcotics, undetermined, initial encounter	Diagnosis	ICD-10-CM
T40.4X4D	Poisoning by other synthetic narcotics, undetermined, subsequent encounter	Diagnosis	ICD-10-CM
T40.4X4S	Poisoning by other synthetic narcotics, undetermined, sequela	Diagnosis	ICD-10-CM
T40.4X5A	Adverse effect of other synthetic narcotics, initial encounter	Diagnosis	ICD-10-CM
T40.4X5D	Adverse effect of other synthetic narcotics, subsequent encounter	Diagnosis	ICD-10-CM
T40.4X5S	Adverse effect of other synthetic narcotics, sequela	Diagnosis	ICD-10-CM
T40.601A	Poisoning by unspecified narcotics, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T40.601D	Poisoning by unspecified narcotics, accidental (unintentional), subsequent encounter	Diagnosis	ICD-10-CM
T40.601S	Poisoning by unspecified narcotics, accidental (unintentional), sequela	Diagnosis	ICD-10-CM
T40.602A	Poisoning by unspecified narcotics, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T40.602D	Poisoning by unspecified narcotics, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T40.602S	Poisoning by unspecified narcotics, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T40.603A	Poisoning by unspecified narcotics, assault, initial encounter	Diagnosis	ICD-10-CM
T40.603D	Poisoning by unspecified narcotics, assault, subsequent encounter	Diagnosis	ICD-10-CM
T40.603S	Poisoning by unspecified narcotics, assault, sequela	Diagnosis	ICD-10-CM

**Appendix K. List of International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes and Healthcare Common Procedure Coding System (HCPCS) Codes Used to Define Baseline Characteristics in this Request**

Code	Description	Code Category	Code Type
T40.604A	Poisoning by unspecified narcotics, undetermined, initial encounter	Diagnosis	ICD-10-CM
T40.604D	Poisoning by unspecified narcotics, undetermined, subsequent encounter	Diagnosis	ICD-10-CM
T40.604S	Poisoning by unspecified narcotics, undetermined, sequela	Diagnosis	ICD-10-CM
T40.605A	Adverse effect of unspecified narcotics, initial encounter	Diagnosis	ICD-10-CM
T40.605D	Adverse effect of unspecified narcotics, subsequent encounter	Diagnosis	ICD-10-CM
T40.605S	Adverse effect of unspecified narcotics, sequela	Diagnosis	ICD-10-CM
T40.691A	Poisoning by other narcotics, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T40.691D	Poisoning by other narcotics, accidental (unintentional), subsequent encounter	Diagnosis	ICD-10-CM
T40.691S	Poisoning by other narcotics, accidental (unintentional), sequela	Diagnosis	ICD-10-CM
T40.692A	Poisoning by other narcotics, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T40.692D	Poisoning by other narcotics, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T40.692S	Poisoning by other narcotics, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T40.693A	Poisoning by other narcotics, assault, initial encounter	Diagnosis	ICD-10-CM
T40.693D	Poisoning by other narcotics, assault, subsequent encounter	Diagnosis	ICD-10-CM
T40.693S	Poisoning by other narcotics, assault, sequela	Diagnosis	ICD-10-CM
T40.694A	Poisoning by other narcotics, undetermined, initial encounter	Diagnosis	ICD-10-CM
T40.694D	Poisoning by other narcotics, undetermined, subsequent encounter	Diagnosis	ICD-10-CM
T40.694S	Poisoning by other narcotics, undetermined, sequela	Diagnosis	ICD-10-CM
T40.695A	Adverse effect of other narcotics, initial encounter	Diagnosis	ICD-10-CM
T40.695D	Adverse effect of other narcotics, subsequent encounter	Diagnosis	ICD-10-CM
T40.695S	Adverse effect of other narcotics, sequela	Diagnosis	ICD-10-CM
T51.0X1A	Toxic effect of ethanol, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T51.0X2A	Toxic effect of ethanol, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T51.0X3A	Toxic effect of ethanol, assault, initial encounter	Diagnosis	ICD-10-CM
T51.0X4A	Toxic effect of ethanol, undetermined, initial encounter	Diagnosis	ICD-10-CM
Z65.8	Other specified problems related to psychosocial circumstances	Diagnosis	ICD-10-CM
Z71.41	Alcohol abuse counseling and surveillance of alcoholic	Diagnosis	ICD-10-CM
<b>Alzheimer's Disease and Related Disorders or Senile Dementia</b>			
G30.0	Alzheimer's disease with early onset	Diagnosis	ICD-10-CM
G30.1	Alzheimer's disease with late onset	Diagnosis	ICD-10-CM
G30.8	Other Alzheimer's disease	Diagnosis	ICD-10-CM
G30.9	Alzheimer's disease, unspecified	Diagnosis	ICD-10-CM
F01.50	Vascular dementia without behavioral disturbance	Diagnosis	ICD-10-CM
F01.51	Vascular dementia with behavioral disturbance	Diagnosis	ICD-10-CM
F02.80	Dementia in other diseases classified elsewhere without behavioral disturbance	Diagnosis	ICD-10-CM
F02.81	Dementia in other diseases classified elsewhere with behavioral disturbance	Diagnosis	ICD-10-CM
F03.90	Unspecified dementia without behavioral disturbance	Diagnosis	ICD-10-CM
F03.91	Unspecified dementia with behavioral disturbance	Diagnosis	ICD-10-CM
F04	Amnesic disorder due to known physiological condition	Diagnosis	ICD-10-CM
F05	Delirium due to known physiological condition	Diagnosis	ICD-10-CM
F06.1	Catatonic disorder due to known physiological condition	Diagnosis	ICD-10-CM
F06.8	Other specified mental disorders due to known physiological condition	Diagnosis	ICD-10-CM

**Appendix K. List of International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes and Healthcare Common Procedure Coding System (HCPCS) Codes Used to Define Baseline Characteristics in this Request**

Code	Description	Code Category	Code Type
G13.8	Systemic atrophy primarily affecting central nervous system in other diseases classified elsewhere	Diagnosis	ICD-10-CM
G31.01	Pick's disease	Diagnosis	ICD-10-CM
G31.09	Other frontotemporal dementia	Diagnosis	ICD-10-CM
G31.1	Senile degeneration of brain, not elsewhere classified	Diagnosis	ICD-10-CM
G31.2	Degeneration of nervous system due to alcohol	Diagnosis	ICD-10-CM
G94	Other disorders of brain in diseases classified elsewhere	Diagnosis	ICD-10-CM
R41.81	Age-related cognitive decline	Diagnosis	ICD-10-CM
R54	Age-related physical debility	Diagnosis	ICD-10-CM
<b>Anemia</b>			
D46.0	Refractory anemia without ring sideroblasts, so stated	Diagnosis	ICD-10-CM
D46.1	Refractory anemia with ring sideroblasts	Diagnosis	ICD-10-CM
D46.2	Refractory anemia with excess of blasts [RAEB]	Diagnosis	ICD-10-CM
D46.20	Refractory anemia with excess of blasts, unspecified	Diagnosis	ICD-10-CM
D46.21	Refractory anemia with excess of blasts 1	Diagnosis	ICD-10-CM
D46.22	Refractory anemia with excess of blasts 2	Diagnosis	ICD-10-CM
D46.4	Refractory anemia, unspecified	Diagnosis	ICD-10-CM
D50	Iron deficiency anemia	Diagnosis	ICD-10-CM
D50.0	Iron deficiency anemia secondary to blood loss (chronic)	Diagnosis	ICD-10-CM
D50.1	Sideropenic dysphagia	Diagnosis	ICD-10-CM
D50.8	Other iron deficiency anemias	Diagnosis	ICD-10-CM
D50.9	Iron deficiency anemia, unspecified	Diagnosis	ICD-10-CM
D51	Vitamin B12 deficiency anemia	Diagnosis	ICD-10-CM
D51.0	Vitamin B12 deficiency anemia due to intrinsic factor deficiency	Diagnosis	ICD-10-CM
D51.1	Vitamin B12 deficiency anemia due to selective vitamin B12 malabsorption with proteinuria	Diagnosis	ICD-10-CM
D51.2	Transcobalamin II deficiency	Diagnosis	ICD-10-CM
D51.3	Other dietary vitamin B12 deficiency anemia	Diagnosis	ICD-10-CM
D51.8	Other vitamin B12 deficiency anemias	Diagnosis	ICD-10-CM
D51.9	Vitamin B12 deficiency anemia, unspecified	Diagnosis	ICD-10-CM
D52	Folate deficiency anemia	Diagnosis	ICD-10-CM
D52.0	Dietary folate deficiency anemia	Diagnosis	ICD-10-CM
D52.1	Drug-induced folate deficiency anemia	Diagnosis	ICD-10-CM
D52.8	Other folate deficiency anemias	Diagnosis	ICD-10-CM
D52.9	Folate deficiency anemia, unspecified	Diagnosis	ICD-10-CM
D53	Other nutritional anemias	Diagnosis	ICD-10-CM
D53.0	Protein deficiency anemia	Diagnosis	ICD-10-CM
D53.1	Other megaloblastic anemias, not elsewhere classified	Diagnosis	ICD-10-CM
D53.2	Scorbutic anemia	Diagnosis	ICD-10-CM
D53.8	Other specified nutritional anemias	Diagnosis	ICD-10-CM
D53.9	Nutritional anemia, unspecified	Diagnosis	ICD-10-CM
D55	Anemia due to enzyme disorders	Diagnosis	ICD-10-CM
D55.0	Anemia due to glucose-6-phosphate dehydrogenase [G6PD] deficiency	Diagnosis	ICD-10-CM
D55.1	Anemia due to other disorders of glutathione metabolism	Diagnosis	ICD-10-CM

**Appendix K. List of International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes and Healthcare Common Procedure Coding System (HCPCS) Codes Used to Define Baseline Characteristics in this Request**

<b>Code</b>	<b>Description</b>	<b>Code Category</b>	<b>Code Type</b>
D55.2	Anemia due to disorders of glycolytic enzymes	Diagnosis	ICD-10-CM
D55.21	Anemia due to pyruvate kinase deficiency	Diagnosis	ICD-10-CM
D55.29	Anemia due to other disorders of glycolytic enzymes	Diagnosis	ICD-10-CM
D55.3	Anemia due to disorders of nucleotide metabolism	Diagnosis	ICD-10-CM
D55.8	Other anemias due to enzyme disorders	Diagnosis	ICD-10-CM
D55.9	Anemia due to enzyme disorder, unspecified	Diagnosis	ICD-10-CM
D56	Thalassemia	Diagnosis	ICD-10-CM
D56.0	Alpha thalassemia	Diagnosis	ICD-10-CM
D56.1	Beta thalassemia	Diagnosis	ICD-10-CM
D56.2	Delta-beta thalassemia	Diagnosis	ICD-10-CM
D56.3	Thalassemia minor	Diagnosis	ICD-10-CM
D56.4	Hereditary persistence of fetal hemoglobin [HPFH]	Diagnosis	ICD-10-CM
D56.5	Hemoglobin E-beta thalassemia	Diagnosis	ICD-10-CM
D56.8	Other thalassemias	Diagnosis	ICD-10-CM
D56.9	Thalassemia, unspecified	Diagnosis	ICD-10-CM
D57	Sickle-cell disorders	Diagnosis	ICD-10-CM
D57.0	Hb-SS disease with crisis	Diagnosis	ICD-10-CM
D57.00	Hb-SS disease with crisis, unspecified	Diagnosis	ICD-10-CM
D57.01	Hb-SS disease with acute chest syndrome	Diagnosis	ICD-10-CM
D57.02	Hb-SS disease with splenic sequestration	Diagnosis	ICD-10-CM
D57.03	Hb-SS disease with cerebral vascular involvement	Diagnosis	ICD-10-CM
D57.09	Hb-SS disease with crisis with other specified complication	Diagnosis	ICD-10-CM
D57.1	Sickle-cell disease without crisis	Diagnosis	ICD-10-CM
D57.2	Sickle-cell/Hb-C disease	Diagnosis	ICD-10-CM
D57.20	Sickle-cell/Hb-C disease without crisis	Diagnosis	ICD-10-CM
D57.21	Sickle-cell/Hb-C disease with crisis	Diagnosis	ICD-10-CM
D57.211	Sickle-cell/Hb-C disease with acute chest syndrome	Diagnosis	ICD-10-CM
D57.212	Sickle-cell/Hb-C disease with splenic sequestration	Diagnosis	ICD-10-CM
D57.213	Sickle-cell/Hb-C disease with cerebral vascular involvement	Diagnosis	ICD-10-CM
D57.218	Sickle-cell/Hb-C disease with crisis with other specified complication	Diagnosis	ICD-10-CM
D57.219	Sickle-cell/Hb-C disease with crisis, unspecified	Diagnosis	ICD-10-CM
D57.3	Sickle-cell trait	Diagnosis	ICD-10-CM
D57.4	Sickle-cell thalassemia	Diagnosis	ICD-10-CM
D57.40	Sickle-cell thalassemia without crisis	Diagnosis	ICD-10-CM
D57.41	Sickle-cell thalassemia, unspecified, with crisis	Diagnosis	ICD-10-CM
D57.411	Sickle-cell thalassemia, unspecified, with acute chest syndrome	Diagnosis	ICD-10-CM
D57.412	Sickle-cell thalassemia, unspecified, with splenic sequestration	Diagnosis	ICD-10-CM
D57.413	Sickle-cell thalassemia, unspecified, with cerebral vascular involvement	Diagnosis	ICD-10-CM
D57.418	Sickle-cell thalassemia, unspecified, with crisis with other specified complication	Diagnosis	ICD-10-CM
D57.419	Sickle-cell thalassemia, unspecified, with crisis	Diagnosis	ICD-10-CM
D57.42	Sickle-cell thalassemia beta zero without crisis	Diagnosis	ICD-10-CM
D57.43	Sickle-cell thalassemia beta zero with crisis	Diagnosis	ICD-10-CM
D57.431	Sickle-cell thalassemia beta zero with acute chest syndrome	Diagnosis	ICD-10-CM

**Appendix K. List of International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes and Healthcare Common Procedure Coding System (HCPCS) Codes Used to Define Baseline Characteristics in this Request**

<b>Code</b>	<b>Description</b>	<b>Code Category</b>	<b>Code Type</b>
D57.432	Sickle-cell thalassemia beta zero with splenic sequestration	Diagnosis	ICD-10-CM
D57.433	Sickle-cell thalassemia beta zero with cerebral vascular involvement	Diagnosis	ICD-10-CM
D57.438	Sickle-cell thalassemia beta zero with crisis with other specified complication	Diagnosis	ICD-10-CM
D57.439	Sickle-cell thalassemia beta zero with crisis, unspecified	Diagnosis	ICD-10-CM
D57.44	Sickle-cell thalassemia beta plus without crisis	Diagnosis	ICD-10-CM
D57.45	Sickle-cell thalassemia beta plus with crisis	Diagnosis	ICD-10-CM
D57.451	Sickle-cell thalassemia beta plus with acute chest syndrome	Diagnosis	ICD-10-CM
D57.452	Sickle-cell thalassemia beta plus with splenic sequestration	Diagnosis	ICD-10-CM
D57.453	Sickle-cell thalassemia beta plus with cerebral vascular involvement	Diagnosis	ICD-10-CM
D57.458	Sickle-cell thalassemia beta plus with crisis with other specified complication	Diagnosis	ICD-10-CM
D57.459	Sickle-cell thalassemia beta plus with crisis, unspecified	Diagnosis	ICD-10-CM
D57.8	Other sickle-cell disorders	Diagnosis	ICD-10-CM
D57.80	Other sickle-cell disorders without crisis	Diagnosis	ICD-10-CM
D57.81	Other sickle-cell disorders with crisis	Diagnosis	ICD-10-CM
D57.811	Other sickle-cell disorders with acute chest syndrome	Diagnosis	ICD-10-CM
D57.812	Other sickle-cell disorders with splenic sequestration	Diagnosis	ICD-10-CM
D57.813	Other sickle-cell disorders with cerebral vascular involvement	Diagnosis	ICD-10-CM
D57.818	Other sickle-cell disorders with crisis with other specified complication	Diagnosis	ICD-10-CM
D57.819	Other sickle-cell disorders with crisis, unspecified	Diagnosis	ICD-10-CM
D58	Other hereditary hemolytic anemias	Diagnosis	ICD-10-CM
D58.0	Hereditary spherocytosis	Diagnosis	ICD-10-CM
D58.1	Hereditary elliptocytosis	Diagnosis	ICD-10-CM
D58.2	Other hemoglobinopathies	Diagnosis	ICD-10-CM
D58.8	Other specified hereditary hemolytic anemias	Diagnosis	ICD-10-CM
D58.9	Hereditary hemolytic anemia, unspecified	Diagnosis	ICD-10-CM
D59	Acquired hemolytic anemia	Diagnosis	ICD-10-CM
D59.0	Drug-induced autoimmune hemolytic anemia	Diagnosis	ICD-10-CM
D59.1	Other autoimmune hemolytic anemias	Diagnosis	ICD-10-CM
D59.10	Autoimmune hemolytic anemia, unspecified	Diagnosis	ICD-10-CM
D59.11	Warm autoimmune hemolytic anemia	Diagnosis	ICD-10-CM
D59.12	Cold autoimmune hemolytic anemia	Diagnosis	ICD-10-CM
D59.13	Mixed type autoimmune hemolytic anemia	Diagnosis	ICD-10-CM
D59.19	Other autoimmune hemolytic anemia	Diagnosis	ICD-10-CM
D59.2	Drug-induced nonautoimmune hemolytic anemia	Diagnosis	ICD-10-CM
D59.3	Hemolytic-uremic syndrome	Diagnosis	ICD-10-CM
D59.4	Other nonautoimmune hemolytic anemias	Diagnosis	ICD-10-CM
D59.5	Paroxysmal nocturnal hemoglobinuria [Marchiafava-Micheli]	Diagnosis	ICD-10-CM
D59.6	Hemoglobinuria due to hemolysis from other external causes	Diagnosis	ICD-10-CM
D59.8	Other acquired hemolytic anemias	Diagnosis	ICD-10-CM
D59.9	Acquired hemolytic anemia, unspecified	Diagnosis	ICD-10-CM
D60	Acquired pure red cell aplasia [erythroblastopenia]	Diagnosis	ICD-10-CM
D60.0	Chronic acquired pure red cell aplasia	Diagnosis	ICD-10-CM
D60.1	Transient acquired pure red cell aplasia	Diagnosis	ICD-10-CM
D60.8	Other acquired pure red cell aplasias	Diagnosis	ICD-10-CM

**Appendix K. List of International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes and Healthcare Common Procedure Coding System (HCPCS) Codes Used to Define Baseline Characteristics in this Request**

Code	Description	Code Category	Code Type
D60.9	Acquired pure red cell aplasia, unspecified	Diagnosis	ICD-10-CM
D61	Other aplastic anemias and other bone marrow failure syndromes	Diagnosis	ICD-10-CM
D61.0	Constitutional aplastic anemia	Diagnosis	ICD-10-CM
D61.01	Constitutional (pure) red blood cell aplasia	Diagnosis	ICD-10-CM
D61.09	Other constitutional aplastic anemia	Diagnosis	ICD-10-CM
D61.1	Drug-induced aplastic anemia	Diagnosis	ICD-10-CM
D61.2	Aplastic anemia due to other external agents	Diagnosis	ICD-10-CM
D61.3	Idiopathic aplastic anemia	Diagnosis	ICD-10-CM
D61.8	Other specified aplastic anemias and other bone marrow failure syndromes	Diagnosis	ICD-10-CM
D61.81	Pancytopenia	Diagnosis	ICD-10-CM
D61.810	Antineoplastic chemotherapy induced pancytopenia	Diagnosis	ICD-10-CM
D61.811	Other drug-induced pancytopenia	Diagnosis	ICD-10-CM
D61.818	Other pancytopenia	Diagnosis	ICD-10-CM
D61.82	Myelophthisis	Diagnosis	ICD-10-CM
D61.89	Other specified aplastic anemias and other bone marrow failure syndromes	Diagnosis	ICD-10-CM
D61.9	Aplastic anemia, unspecified	Diagnosis	ICD-10-CM
D62	Acute posthemorrhagic anemia	Diagnosis	ICD-10-CM
D63	Anemia in chronic diseases classified elsewhere	Diagnosis	ICD-10-CM
D63.0	Anemia in neoplastic disease	Diagnosis	ICD-10-CM
D63.1	Anemia in chronic kidney disease	Diagnosis	ICD-10-CM
D63.8	Anemia in other chronic diseases classified elsewhere	Diagnosis	ICD-10-CM
D64	Other anemias	Diagnosis	ICD-10-CM
D64.0	Hereditary sideroblastic anemia	Diagnosis	ICD-10-CM
D64.1	Secondary sideroblastic anemia due to disease	Diagnosis	ICD-10-CM
D64.2	Secondary sideroblastic anemia due to drugs and toxins	Diagnosis	ICD-10-CM
D64.3	Other sideroblastic anemias	Diagnosis	ICD-10-CM
D64.4	Congenital dyserythropoietic anemia	Diagnosis	ICD-10-CM
D64.8	Other specified anemias	Diagnosis	ICD-10-CM
D64.81	Anemia due to antineoplastic chemotherapy	Diagnosis	ICD-10-CM
D64.89	Other specified anemias	Diagnosis	ICD-10-CM
D64.9	Anemia, unspecified	Diagnosis	ICD-10-CM
D75.A	Glucose-6-phosphate dehydrogenase (G6PD) deficiency without anemia	Diagnosis	ICD-10-CM
C94.6	Myelodysplastic disease, not classified	Diagnosis	ICD-10-CM
D46.A	Refractory cytopenia with multilineage dysplasia	Diagnosis	ICD-10-CM
D46.B	Refractory cytopenia with multilineage dysplasia and ring sideroblasts	Diagnosis	ICD-10-CM
D46.C	Myelodysplastic syndrome with isolated del(5q) chromosomal abnormality	Diagnosis	ICD-10-CM
D46.Z	Other myelodysplastic syndromes	Diagnosis	ICD-10-CM
<b>Asthma</b>			
J45.20	Mild intermittent asthma, uncomplicated	Diagnosis	ICD-10-CM
J45.21	Mild intermittent asthma with (acute) exacerbation	Diagnosis	ICD-10-CM
J45.22	Mild intermittent asthma with status asthmaticus	Diagnosis	ICD-10-CM
J45.30	Mild persistent asthma, uncomplicated	Diagnosis	ICD-10-CM
J45.31	Mild persistent asthma with (acute) exacerbation	Diagnosis	ICD-10-CM
J45.32	Mild persistent asthma with status asthmaticus	Diagnosis	ICD-10-CM



**Appendix K. List of International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes and Healthcare Common Procedure Coding System (HCPCS) Codes Used to Define Baseline Characteristics in this Request**

<b>Code</b>	<b>Description</b>	<b>Code Category</b>	<b>Code Type</b>
J45.40	Moderate persistent asthma, uncomplicated	Diagnosis	ICD-10-CM
J45.41	Moderate persistent asthma with (acute) exacerbation	Diagnosis	ICD-10-CM
J45.42	Moderate persistent asthma with status asthmaticus	Diagnosis	ICD-10-CM
J45.50	Severe persistent asthma, uncomplicated	Diagnosis	ICD-10-CM
J45.51	Severe persistent asthma with (acute) exacerbation	Diagnosis	ICD-10-CM
J45.52	Severe persistent asthma with status asthmaticus	Diagnosis	ICD-10-CM
J45.901	Unspecified asthma with (acute) exacerbation	Diagnosis	ICD-10-CM
J45.902	Unspecified asthma with status asthmaticus	Diagnosis	ICD-10-CM
J45.909	Unspecified asthma, uncomplicated	Diagnosis	ICD-10-CM
J45.990	Exercise induced bronchospasm	Diagnosis	ICD-10-CM
J45.991	Cough variant asthma	Diagnosis	ICD-10-CM
J45.998	Other asthma	Diagnosis	ICD-10-CM
J82.83	Eosinophilic asthma	Diagnosis	ICD-10-CM
<b>Atrial Fibrillation</b>			
I48	Atrial fibrillation and flutter	Diagnosis	ICD-10-CM
I48.0	Paroxysmal atrial fibrillation	Diagnosis	ICD-10-CM
I48.1	Persistent atrial fibrillation	Diagnosis	ICD-10-CM
I48.11	Longstanding persistent atrial fibrillation	Diagnosis	ICD-10-CM
I48.19	Other persistent atrial fibrillation	Diagnosis	ICD-10-CM
I48.2	Chronic atrial fibrillation	Diagnosis	ICD-10-CM
I48.20	Chronic atrial fibrillation, unspecified	Diagnosis	ICD-10-CM
I48.21	Permanent atrial fibrillation	Diagnosis	ICD-10-CM
I48.3	Typical atrial flutter	Diagnosis	ICD-10-CM
I48.4	Atypical atrial flutter	Diagnosis	ICD-10-CM
I48.9	Unspecified atrial fibrillation and atrial flutter	Diagnosis	ICD-10-CM
I48.91	Unspecified atrial fibrillation	Diagnosis	ICD-10-CM
I48.92	Unspecified atrial flutter	Diagnosis	ICD-10-CM
<b>Benign Prostatic Hyperplasia - Inclusion</b>			
N40.2	Nodular prostate without lower urinary tract symptoms	Diagnosis	ICD-10-CM
N40.3	Nodular prostate with lower urinary tract symptoms	Diagnosis	ICD-10-CM
N40.0	Benign prostatic hyperplasia without lower urinary tract symptoms	Diagnosis	ICD-10-CM
N40.1	Benign prostatic hyperplasia with lower urinary tract symptoms	Diagnosis	ICD-10-CM
<b>Benign Prostatic Hyperplasia - Exclusion</b>			
D29.1	Benign neoplasm of the prostate	Diagnosis	ICD-10-CM
<b>Cancer, History of</b>			
C00	Malignant neoplasm of lip	Diagnosis	ICD-10-CM
C00.0	Malignant neoplasm of external upper lip	Diagnosis	ICD-10-CM
C00.1	Malignant neoplasm of external lower lip	Diagnosis	ICD-10-CM
C00.2	Malignant neoplasm of external lip, unspecified	Diagnosis	ICD-10-CM
C00.3	Malignant neoplasm of upper lip, inner aspect	Diagnosis	ICD-10-CM
C00.4	Malignant neoplasm of lower lip, inner aspect	Diagnosis	ICD-10-CM
C00.5	Malignant neoplasm of lip, unspecified, inner aspect	Diagnosis	ICD-10-CM
C00.6	Malignant neoplasm of commissure of lip, unspecified	Diagnosis	ICD-10-CM
C00.8	Malignant neoplasm of overlapping sites of lip	Diagnosis	ICD-10-CM

**Appendix K. List of International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes and Healthcare Common Procedure Coding System (HCPCS) Codes Used to Define Baseline Characteristics in this Request**

<b>Code</b>	<b>Description</b>	<b>Code Category</b>	<b>Code Type</b>
C00.9	Malignant neoplasm of lip, unspecified	Diagnosis	ICD-10-CM
C01	Malignant neoplasm of base of tongue	Diagnosis	ICD-10-CM
C02	Malignant neoplasm of other and unspecified parts of tongue	Diagnosis	ICD-10-CM
C02.0	Malignant neoplasm of dorsal surface of tongue	Diagnosis	ICD-10-CM
C02.1	Malignant neoplasm of border of tongue	Diagnosis	ICD-10-CM
C02.2	Malignant neoplasm of ventral surface of tongue	Diagnosis	ICD-10-CM
C02.3	Malignant neoplasm of anterior two-thirds of tongue, part unspecified	Diagnosis	ICD-10-CM
C02.4	Malignant neoplasm of lingual tonsil	Diagnosis	ICD-10-CM
C02.8	Malignant neoplasm of overlapping sites of tongue	Diagnosis	ICD-10-CM
C02.9	Malignant neoplasm of tongue, unspecified	Diagnosis	ICD-10-CM
C03	Malignant neoplasm of gum	Diagnosis	ICD-10-CM
C03.0	Malignant neoplasm of upper gum	Diagnosis	ICD-10-CM
C03.1	Malignant neoplasm of lower gum	Diagnosis	ICD-10-CM
C03.9	Malignant neoplasm of gum, unspecified	Diagnosis	ICD-10-CM
C04	Malignant neoplasm of floor of mouth	Diagnosis	ICD-10-CM
C04.0	Malignant neoplasm of anterior floor of mouth	Diagnosis	ICD-10-CM
C04.1	Malignant neoplasm of lateral floor of mouth	Diagnosis	ICD-10-CM
C04.8	Malignant neoplasm of overlapping sites of floor of mouth	Diagnosis	ICD-10-CM
C04.9	Malignant neoplasm of floor of mouth, unspecified	Diagnosis	ICD-10-CM
C05	Malignant neoplasm of palate	Diagnosis	ICD-10-CM
C05.0	Malignant neoplasm of hard palate	Diagnosis	ICD-10-CM
C05.1	Malignant neoplasm of soft palate	Diagnosis	ICD-10-CM
C05.2	Malignant neoplasm of uvula	Diagnosis	ICD-10-CM
C05.8	Malignant neoplasm of overlapping sites of palate	Diagnosis	ICD-10-CM
C05.9	Malignant neoplasm of palate, unspecified	Diagnosis	ICD-10-CM
C06	Malignant neoplasm of other and unspecified parts of mouth	Diagnosis	ICD-10-CM
C06.0	Malignant neoplasm of cheek mucosa	Diagnosis	ICD-10-CM
C06.1	Malignant neoplasm of vestibule of mouth	Diagnosis	ICD-10-CM
C06.2	Malignant neoplasm of retromolar area	Diagnosis	ICD-10-CM
C06.8	Malignant neoplasm of overlapping sites of other and unspecified parts of mouth	Diagnosis	ICD-10-CM
C06.80	Malignant neoplasm of overlapping sites of unspecified parts of mouth	Diagnosis	ICD-10-CM
C06.89	Malignant neoplasm of overlapping sites of other parts of mouth	Diagnosis	ICD-10-CM
C06.9	Malignant neoplasm of mouth, unspecified	Diagnosis	ICD-10-CM
C07	Malignant neoplasm of parotid gland	Diagnosis	ICD-10-CM
C08	Malignant neoplasm of other and unspecified major salivary glands	Diagnosis	ICD-10-CM
C08.0	Malignant neoplasm of submandibular gland	Diagnosis	ICD-10-CM
C08.1	Malignant neoplasm of sublingual gland	Diagnosis	ICD-10-CM
C08.9	Malignant neoplasm of major salivary gland, unspecified	Diagnosis	ICD-10-CM
C09	Malignant neoplasm of tonsil	Diagnosis	ICD-10-CM
C09.0	Malignant neoplasm of tonsillar fossa	Diagnosis	ICD-10-CM
C09.1	Malignant neoplasm of tonsillar pillar (anterior) (posterior)	Diagnosis	ICD-10-CM
C09.8	Malignant neoplasm of overlapping sites of tonsil	Diagnosis	ICD-10-CM
C09.9	Malignant neoplasm of tonsil, unspecified	Diagnosis	ICD-10-CM



**Appendix K. List of International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes and Healthcare Common Procedure Coding System (HCPCS) Codes Used to Define Baseline Characteristics in this Request**

<b>Code</b>	<b>Description</b>	<b>Code Category</b>	<b>Code Type</b>
C10	Malignant neoplasm of oropharynx	Diagnosis	ICD-10-CM
C10.0	Malignant neoplasm of vallecula	Diagnosis	ICD-10-CM
C10.1	Malignant neoplasm of anterior surface of epiglottis	Diagnosis	ICD-10-CM
C10.2	Malignant neoplasm of lateral wall of oropharynx	Diagnosis	ICD-10-CM
C10.3	Malignant neoplasm of posterior wall of oropharynx	Diagnosis	ICD-10-CM
C10.4	Malignant neoplasm of branchial cleft	Diagnosis	ICD-10-CM
C10.8	Malignant neoplasm of overlapping sites of oropharynx	Diagnosis	ICD-10-CM
C10.9	Malignant neoplasm of oropharynx, unspecified	Diagnosis	ICD-10-CM
C11	Malignant neoplasm of nasopharynx	Diagnosis	ICD-10-CM
C11.0	Malignant neoplasm of superior wall of nasopharynx	Diagnosis	ICD-10-CM
C11.1	Malignant neoplasm of posterior wall of nasopharynx	Diagnosis	ICD-10-CM
C11.2	Malignant neoplasm of lateral wall of nasopharynx	Diagnosis	ICD-10-CM
C11.3	Malignant neoplasm of anterior wall of nasopharynx	Diagnosis	ICD-10-CM
C11.8	Malignant neoplasm of overlapping sites of nasopharynx	Diagnosis	ICD-10-CM
C11.9	Malignant neoplasm of nasopharynx, unspecified	Diagnosis	ICD-10-CM
C12	Malignant neoplasm of pyriform sinus	Diagnosis	ICD-10-CM
C13	Malignant neoplasm of hypopharynx	Diagnosis	ICD-10-CM
C13.0	Malignant neoplasm of postcricoid region	Diagnosis	ICD-10-CM
C13.1	Malignant neoplasm of aryepiglottic fold, hypopharyngeal aspect	Diagnosis	ICD-10-CM
C13.2	Malignant neoplasm of posterior wall of hypopharynx	Diagnosis	ICD-10-CM
C13.8	Malignant neoplasm of overlapping sites of hypopharynx	Diagnosis	ICD-10-CM
C13.9	Malignant neoplasm of hypopharynx, unspecified	Diagnosis	ICD-10-CM
C14	Malignant neoplasm of other and ill-defined sites in the lip, oral cavity and pharynx	Diagnosis	ICD-10-CM
C14.0	Malignant neoplasm of pharynx, unspecified	Diagnosis	ICD-10-CM
C14.2	Malignant neoplasm of Waldeyer's ring	Diagnosis	ICD-10-CM
C14.8	Malignant neoplasm of overlapping sites of lip, oral cavity and pharynx	Diagnosis	ICD-10-CM
C15	Malignant neoplasm of esophagus	Diagnosis	ICD-10-CM
C15.3	Malignant neoplasm of upper third of esophagus	Diagnosis	ICD-10-CM
C15.4	Malignant neoplasm of middle third of esophagus	Diagnosis	ICD-10-CM
C15.5	Malignant neoplasm of lower third of esophagus	Diagnosis	ICD-10-CM
C15.8	Malignant neoplasm of overlapping sites of esophagus	Diagnosis	ICD-10-CM
C15.9	Malignant neoplasm of esophagus, unspecified	Diagnosis	ICD-10-CM
C16	Malignant neoplasm of stomach	Diagnosis	ICD-10-CM
C16.0	Malignant neoplasm of cardia	Diagnosis	ICD-10-CM
C16.1	Malignant neoplasm of fundus of stomach	Diagnosis	ICD-10-CM
C16.2	Malignant neoplasm of body of stomach	Diagnosis	ICD-10-CM
C16.3	Malignant neoplasm of pyloric antrum	Diagnosis	ICD-10-CM
C16.4	Malignant neoplasm of pylorus	Diagnosis	ICD-10-CM
C16.5	Malignant neoplasm of lesser curvature of stomach, unspecified	Diagnosis	ICD-10-CM
C16.6	Malignant neoplasm of greater curvature of stomach, unspecified	Diagnosis	ICD-10-CM
C16.8	Malignant neoplasm of overlapping sites of stomach	Diagnosis	ICD-10-CM
C16.9	Malignant neoplasm of stomach, unspecified	Diagnosis	ICD-10-CM
C17	Malignant neoplasm of small intestine	Diagnosis	ICD-10-CM

**Appendix K. List of International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes and Healthcare Common Procedure Coding System (HCPCS) Codes Used to Define Baseline Characteristics in this Request**

<b>Code</b>	<b>Description</b>	<b>Code Category</b>	<b>Code Type</b>
C17.0	Malignant neoplasm of duodenum	Diagnosis	ICD-10-CM
C17.1	Malignant neoplasm of jejunum	Diagnosis	ICD-10-CM
C17.2	Malignant neoplasm of ileum	Diagnosis	ICD-10-CM
C17.3	Meckel's diverticulum, malignant	Diagnosis	ICD-10-CM
C17.8	Malignant neoplasm of overlapping sites of small intestine	Diagnosis	ICD-10-CM
C17.9	Malignant neoplasm of small intestine, unspecified	Diagnosis	ICD-10-CM
C18	Malignant neoplasm of colon	Diagnosis	ICD-10-CM
C18.0	Malignant neoplasm of cecum	Diagnosis	ICD-10-CM
C18.1	Malignant neoplasm of appendix	Diagnosis	ICD-10-CM
C18.2	Malignant neoplasm of ascending colon	Diagnosis	ICD-10-CM
C18.3	Malignant neoplasm of hepatic flexure	Diagnosis	ICD-10-CM
C18.4	Malignant neoplasm of transverse colon	Diagnosis	ICD-10-CM
C18.5	Malignant neoplasm of splenic flexure	Diagnosis	ICD-10-CM
C18.6	Malignant neoplasm of descending colon	Diagnosis	ICD-10-CM
C18.7	Malignant neoplasm of sigmoid colon	Diagnosis	ICD-10-CM
C18.8	Malignant neoplasm of overlapping sites of colon	Diagnosis	ICD-10-CM
C18.9	Malignant neoplasm of colon, unspecified	Diagnosis	ICD-10-CM
C19	Malignant neoplasm of rectosigmoid junction	Diagnosis	ICD-10-CM
C20	Malignant neoplasm of rectum	Diagnosis	ICD-10-CM
C21	Malignant neoplasm of anus and anal canal	Diagnosis	ICD-10-CM
C21.0	Malignant neoplasm of anus, unspecified	Diagnosis	ICD-10-CM
C21.1	Malignant neoplasm of anal canal	Diagnosis	ICD-10-CM
C21.2	Malignant neoplasm of cloacogenic zone	Diagnosis	ICD-10-CM
C21.8	Malignant neoplasm of overlapping sites of rectum, anus and anal canal	Diagnosis	ICD-10-CM
C22	Malignant neoplasm of liver and intrahepatic bile ducts	Diagnosis	ICD-10-CM
C22.0	Liver cell carcinoma	Diagnosis	ICD-10-CM
C22.1	Intrahepatic bile duct carcinoma	Diagnosis	ICD-10-CM
C22.2	Hepatoblastoma	Diagnosis	ICD-10-CM
C22.3	Angiosarcoma of liver	Diagnosis	ICD-10-CM
C22.4	Other sarcomas of liver	Diagnosis	ICD-10-CM
C22.7	Other specified carcinomas of liver	Diagnosis	ICD-10-CM
C22.8	Malignant neoplasm of liver, primary, unspecified as to type	Diagnosis	ICD-10-CM
C22.9	Malignant neoplasm of liver, not specified as primary or secondary	Diagnosis	ICD-10-CM
C23	Malignant neoplasm of gallbladder	Diagnosis	ICD-10-CM
C24	Malignant neoplasm of other and unspecified parts of biliary tract	Diagnosis	ICD-10-CM
C24.0	Malignant neoplasm of extrahepatic bile duct	Diagnosis	ICD-10-CM
C24.1	Malignant neoplasm of ampulla of Vater	Diagnosis	ICD-10-CM
C24.8	Malignant neoplasm of overlapping sites of biliary tract	Diagnosis	ICD-10-CM
C24.9	Malignant neoplasm of biliary tract, unspecified	Diagnosis	ICD-10-CM
C25	Malignant neoplasm of pancreas	Diagnosis	ICD-10-CM
C25.0	Malignant neoplasm of head of pancreas	Diagnosis	ICD-10-CM
C25.1	Malignant neoplasm of body of pancreas	Diagnosis	ICD-10-CM
C25.2	Malignant neoplasm of tail of pancreas	Diagnosis	ICD-10-CM
C25.3	Malignant neoplasm of pancreatic duct	Diagnosis	ICD-10-CM

**Appendix K. List of International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes and Healthcare Common Procedure Coding System (HCPCS) Codes Used to Define Baseline Characteristics in this Request**

<b>Code</b>	<b>Description</b>	<b>Code Category</b>	<b>Code Type</b>
C25.4	Malignant neoplasm of endocrine pancreas	Diagnosis	ICD-10-CM
C25.7	Malignant neoplasm of other parts of pancreas	Diagnosis	ICD-10-CM
C25.8	Malignant neoplasm of overlapping sites of pancreas	Diagnosis	ICD-10-CM
C25.9	Malignant neoplasm of pancreas, unspecified	Diagnosis	ICD-10-CM
C26	Malignant neoplasm of other and ill-defined digestive organs	Diagnosis	ICD-10-CM
C26.0	Malignant neoplasm of intestinal tract, part unspecified	Diagnosis	ICD-10-CM
C26.1	Malignant neoplasm of spleen	Diagnosis	ICD-10-CM
C26.9	Malignant neoplasm of ill-defined sites within the digestive system	Diagnosis	ICD-10-CM
C30	Malignant neoplasm of nasal cavity and middle ear	Diagnosis	ICD-10-CM
C30.0	Malignant neoplasm of nasal cavity	Diagnosis	ICD-10-CM
C30.1	Malignant neoplasm of middle ear	Diagnosis	ICD-10-CM
C31	Malignant neoplasm of accessory sinuses	Diagnosis	ICD-10-CM
C31.0	Malignant neoplasm of maxillary sinus	Diagnosis	ICD-10-CM
C31.1	Malignant neoplasm of ethmoidal sinus	Diagnosis	ICD-10-CM
C31.2	Malignant neoplasm of frontal sinus	Diagnosis	ICD-10-CM
C31.3	Malignant neoplasm of sphenoid sinus	Diagnosis	ICD-10-CM
C31.8	Malignant neoplasm of overlapping sites of accessory sinuses	Diagnosis	ICD-10-CM
C31.9	Malignant neoplasm of accessory sinus, unspecified	Diagnosis	ICD-10-CM
C32	Malignant neoplasm of larynx	Diagnosis	ICD-10-CM
C32.0	Malignant neoplasm of glottis	Diagnosis	ICD-10-CM
C32.1	Malignant neoplasm of supraglottis	Diagnosis	ICD-10-CM
C32.2	Malignant neoplasm of subglottis	Diagnosis	ICD-10-CM
C32.3	Malignant neoplasm of laryngeal cartilage	Diagnosis	ICD-10-CM
C32.8	Malignant neoplasm of overlapping sites of larynx	Diagnosis	ICD-10-CM
C32.9	Malignant neoplasm of larynx, unspecified	Diagnosis	ICD-10-CM
C33	Malignant neoplasm of trachea	Diagnosis	ICD-10-CM
C34	Malignant neoplasm of bronchus and lung	Diagnosis	ICD-10-CM
C34.0	Malignant neoplasm of main bronchus	Diagnosis	ICD-10-CM
C34.00	Malignant neoplasm of unspecified main bronchus	Diagnosis	ICD-10-CM
C34.01	Malignant neoplasm of right main bronchus	Diagnosis	ICD-10-CM
C34.02	Malignant neoplasm of left main bronchus	Diagnosis	ICD-10-CM
C34.1	Malignant neoplasm of upper lobe, bronchus or lung	Diagnosis	ICD-10-CM
C34.10	Malignant neoplasm of upper lobe, unspecified bronchus or lung	Diagnosis	ICD-10-CM
C34.11	Malignant neoplasm of upper lobe, right bronchus or lung	Diagnosis	ICD-10-CM
C34.12	Malignant neoplasm of upper lobe, left bronchus or lung	Diagnosis	ICD-10-CM
C34.2	Malignant neoplasm of middle lobe, bronchus or lung	Diagnosis	ICD-10-CM
C34.3	Malignant neoplasm of lower lobe, bronchus or lung	Diagnosis	ICD-10-CM
C34.30	Malignant neoplasm of lower lobe, unspecified bronchus or lung	Diagnosis	ICD-10-CM
C34.31	Malignant neoplasm of lower lobe, right bronchus or lung	Diagnosis	ICD-10-CM
C34.32	Malignant neoplasm of lower lobe, left bronchus or lung	Diagnosis	ICD-10-CM
C34.8	Malignant neoplasm of overlapping sites of bronchus and lung	Diagnosis	ICD-10-CM
C34.80	Malignant neoplasm of overlapping sites of unspecified bronchus and lung	Diagnosis	ICD-10-CM
C34.81	Malignant neoplasm of overlapping sites of right bronchus and lung	Diagnosis	ICD-10-CM
C34.82	Malignant neoplasm of overlapping sites of left bronchus and lung	Diagnosis	ICD-10-CM

**Appendix K. List of International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes and Healthcare Common Procedure Coding System (HCPCS) Codes Used to Define Baseline Characteristics in this Request**

<b>Code</b>	<b>Description</b>	<b>Code Category</b>	<b>Code Type</b>
C34.9	Malignant neoplasm of unspecified part of bronchus or lung	Diagnosis	ICD-10-CM
C34.90	Malignant neoplasm of unspecified part of unspecified bronchus or lung	Diagnosis	ICD-10-CM
C34.91	Malignant neoplasm of unspecified part of right bronchus or lung	Diagnosis	ICD-10-CM
C34.92	Malignant neoplasm of unspecified part of left bronchus or lung	Diagnosis	ICD-10-CM
C37	Malignant neoplasm of thymus	Diagnosis	ICD-10-CM
C38	Malignant neoplasm of heart, mediastinum and pleura	Diagnosis	ICD-10-CM
C38.0	Malignant neoplasm of heart	Diagnosis	ICD-10-CM
C38.1	Malignant neoplasm of anterior mediastinum	Diagnosis	ICD-10-CM
C38.2	Malignant neoplasm of posterior mediastinum	Diagnosis	ICD-10-CM
C38.3	Malignant neoplasm of mediastinum, part unspecified	Diagnosis	ICD-10-CM
C38.4	Malignant neoplasm of pleura	Diagnosis	ICD-10-CM
C38.8	Malignant neoplasm of overlapping sites of heart, mediastinum and pleura	Diagnosis	ICD-10-CM
C39	Malignant neoplasm of other and ill-defined sites in the respiratory system and intrathoracic organs	Diagnosis	ICD-10-CM
C39.0	Malignant neoplasm of upper respiratory tract, part unspecified	Diagnosis	ICD-10-CM
C39.9	Malignant neoplasm of lower respiratory tract, part unspecified	Diagnosis	ICD-10-CM
C40	Malignant neoplasm of bone and articular cartilage of limbs	Diagnosis	ICD-10-CM
C40.0	Malignant neoplasm of scapula and long bones of upper limb	Diagnosis	ICD-10-CM
C40.00	Malignant neoplasm of scapula and long bones of unspecified upper limb	Diagnosis	ICD-10-CM
C40.01	Malignant neoplasm of scapula and long bones of right upper limb	Diagnosis	ICD-10-CM
C40.02	Malignant neoplasm of scapula and long bones of left upper limb	Diagnosis	ICD-10-CM
C40.1	Malignant neoplasm of short bones of upper limb	Diagnosis	ICD-10-CM
C40.10	Malignant neoplasm of short bones of unspecified upper limb	Diagnosis	ICD-10-CM
C40.11	Malignant neoplasm of short bones of right upper limb	Diagnosis	ICD-10-CM
C40.12	Malignant neoplasm of short bones of left upper limb	Diagnosis	ICD-10-CM
C40.2	Malignant neoplasm of long bones of lower limb	Diagnosis	ICD-10-CM
C40.20	Malignant neoplasm of long bones of unspecified lower limb	Diagnosis	ICD-10-CM
C40.21	Malignant neoplasm of long bones of right lower limb	Diagnosis	ICD-10-CM
C40.22	Malignant neoplasm of long bones of left lower limb	Diagnosis	ICD-10-CM
C40.3	Malignant neoplasm of short bones of lower limb	Diagnosis	ICD-10-CM
C40.30	Malignant neoplasm of short bones of unspecified lower limb	Diagnosis	ICD-10-CM
C40.31	Malignant neoplasm of short bones of right lower limb	Diagnosis	ICD-10-CM
C40.32	Malignant neoplasm of short bones of left lower limb	Diagnosis	ICD-10-CM
C40.8	Malignant neoplasm of overlapping sites of bone and articular cartilage of limb	Diagnosis	ICD-10-CM
C40.80	Malignant neoplasm of overlapping sites of bone and articular cartilage of unspecified limb	Diagnosis	ICD-10-CM
C40.81	Malignant neoplasm of overlapping sites of bone and articular cartilage of right limb	Diagnosis	ICD-10-CM
C40.82	Malignant neoplasm of overlapping sites of bone and articular cartilage of left limb	Diagnosis	ICD-10-CM
C40.9	Malignant neoplasm of unspecified bones and articular cartilage of limb	Diagnosis	ICD-10-CM
C40.90	Malignant neoplasm of unspecified bones and articular cartilage of unspecified limb	Diagnosis	ICD-10-CM

**Appendix K. List of International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes and Healthcare Common Procedure Coding System (HCPCS) Codes Used to Define Baseline Characteristics in this Request**

<b>Code</b>	<b>Description</b>	<b>Code Category</b>	<b>Code Type</b>
C40.91	Malignant neoplasm of unspecified bones and articular cartilage of right limb	Diagnosis	ICD-10-CM
C40.92	Malignant neoplasm of unspecified bones and articular cartilage of left limb	Diagnosis	ICD-10-CM
C41	Malignant neoplasm of bone and articular cartilage of other and unspecified sites	Diagnosis	ICD-10-CM
C41.0	Malignant neoplasm of bones of skull and face	Diagnosis	ICD-10-CM
C41.1	Malignant neoplasm of mandible	Diagnosis	ICD-10-CM
C41.2	Malignant neoplasm of vertebral column	Diagnosis	ICD-10-CM
C41.3	Malignant neoplasm of ribs, sternum and clavicle	Diagnosis	ICD-10-CM
C41.4	Malignant neoplasm of pelvic bones, sacrum and coccyx	Diagnosis	ICD-10-CM
C41.9	Malignant neoplasm of bone and articular cartilage, unspecified	Diagnosis	ICD-10-CM
C43	Malignant melanoma of skin	Diagnosis	ICD-10-CM
C43.0	Malignant melanoma of lip	Diagnosis	ICD-10-CM
C43.1	Malignant melanoma of eyelid, including canthus	Diagnosis	ICD-10-CM
C43.10	Malignant melanoma of unspecified eyelid, including canthus	Diagnosis	ICD-10-CM
C43.11	Malignant melanoma of right eyelid, including canthus	Diagnosis	ICD-10-CM
C43.111	Malignant melanoma of right upper eyelid, including canthus	Diagnosis	ICD-10-CM
C43.112	Malignant melanoma of right lower eyelid, including canthus	Diagnosis	ICD-10-CM
C43.12	Malignant melanoma of left eyelid, including canthus	Diagnosis	ICD-10-CM
C43.121	Malignant melanoma of left upper eyelid, including canthus	Diagnosis	ICD-10-CM
C43.122	Malignant melanoma of left lower eyelid, including canthus	Diagnosis	ICD-10-CM
C43.2	Malignant melanoma of ear and external auricular canal	Diagnosis	ICD-10-CM
C43.20	Malignant melanoma of unspecified ear and external auricular canal	Diagnosis	ICD-10-CM
C43.21	Malignant melanoma of right ear and external auricular canal	Diagnosis	ICD-10-CM
C43.22	Malignant melanoma of left ear and external auricular canal	Diagnosis	ICD-10-CM
C43.3	Malignant melanoma of other and unspecified parts of face	Diagnosis	ICD-10-CM
C43.30	Malignant melanoma of unspecified part of face	Diagnosis	ICD-10-CM
C43.31	Malignant melanoma of nose	Diagnosis	ICD-10-CM
C43.39	Malignant melanoma of other parts of face	Diagnosis	ICD-10-CM
C43.4	Malignant melanoma of scalp and neck	Diagnosis	ICD-10-CM
C43.5	Malignant melanoma of trunk	Diagnosis	ICD-10-CM
C43.51	Malignant melanoma of anal skin	Diagnosis	ICD-10-CM
C43.52	Malignant melanoma of skin of breast	Diagnosis	ICD-10-CM
C43.59	Malignant melanoma of other part of trunk	Diagnosis	ICD-10-CM
C43.6	Malignant melanoma of upper limb, including shoulder	Diagnosis	ICD-10-CM
C43.60	Malignant melanoma of unspecified upper limb, including shoulder	Diagnosis	ICD-10-CM
C43.61	Malignant melanoma of right upper limb, including shoulder	Diagnosis	ICD-10-CM
C43.62	Malignant melanoma of left upper limb, including shoulder	Diagnosis	ICD-10-CM
C43.7	Malignant melanoma of lower limb, including hip	Diagnosis	ICD-10-CM
C43.70	Malignant melanoma of unspecified lower limb, including hip	Diagnosis	ICD-10-CM
C43.71	Malignant melanoma of right lower limb, including hip	Diagnosis	ICD-10-CM
C43.72	Malignant melanoma of left lower limb, including hip	Diagnosis	ICD-10-CM
C43.8	Malignant melanoma of overlapping sites of skin	Diagnosis	ICD-10-CM
C43.9	Malignant melanoma of skin, unspecified	Diagnosis	ICD-10-CM
C45	Mesothelioma	Diagnosis	ICD-10-CM

**Appendix K. List of International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes and Healthcare Common Procedure Coding System (HCPCS) Codes Used to Define Baseline Characteristics in this Request**

<b>Code</b>	<b>Description</b>	<b>Code Category</b>	<b>Code Type</b>
C45.0	Mesothelioma of pleura	Diagnosis	ICD-10-CM
C45.1	Mesothelioma of peritoneum	Diagnosis	ICD-10-CM
C45.2	Mesothelioma of pericardium	Diagnosis	ICD-10-CM
C45.7	Mesothelioma of other sites	Diagnosis	ICD-10-CM
C45.9	Mesothelioma, unspecified	Diagnosis	ICD-10-CM
C46	Kaposi's sarcoma	Diagnosis	ICD-10-CM
C46.0	Kaposi's sarcoma of skin	Diagnosis	ICD-10-CM
C46.1	Kaposi's sarcoma of soft tissue	Diagnosis	ICD-10-CM
C46.2	Kaposi's sarcoma of palate	Diagnosis	ICD-10-CM
C46.3	Kaposi's sarcoma of lymph nodes	Diagnosis	ICD-10-CM
C46.4	Kaposi's sarcoma of gastrointestinal sites	Diagnosis	ICD-10-CM
C46.5	Kaposi's sarcoma of lung	Diagnosis	ICD-10-CM
C46.50	Kaposi's sarcoma of unspecified lung	Diagnosis	ICD-10-CM
C46.51	Kaposi's sarcoma of right lung	Diagnosis	ICD-10-CM
C46.52	Kaposi's sarcoma of left lung	Diagnosis	ICD-10-CM
C46.7	Kaposi's sarcoma of other sites	Diagnosis	ICD-10-CM
C46.9	Kaposi's sarcoma, unspecified	Diagnosis	ICD-10-CM
C47	Malignant neoplasm of peripheral nerves and autonomic nervous system	Diagnosis	ICD-10-CM
C47.0	Malignant neoplasm of peripheral nerves of head, face and neck	Diagnosis	ICD-10-CM
C47.1	Malignant neoplasm of peripheral nerves of upper limb, including shoulder	Diagnosis	ICD-10-CM
C47.10	Malignant neoplasm of peripheral nerves of unspecified upper limb, including shoulder	Diagnosis	ICD-10-CM
C47.11	Malignant neoplasm of peripheral nerves of right upper limb, including shoulder	Diagnosis	ICD-10-CM
C47.12	Malignant neoplasm of peripheral nerves of left upper limb, including shoulder	Diagnosis	ICD-10-CM
C47.2	Malignant neoplasm of peripheral nerves of lower limb, including hip	Diagnosis	ICD-10-CM
C47.20	Malignant neoplasm of peripheral nerves of unspecified lower limb, including hip	Diagnosis	ICD-10-CM
C47.21	Malignant neoplasm of peripheral nerves of right lower limb, including hip	Diagnosis	ICD-10-CM
C47.22	Malignant neoplasm of peripheral nerves of left lower limb, including hip	Diagnosis	ICD-10-CM
C47.3	Malignant neoplasm of peripheral nerves of thorax	Diagnosis	ICD-10-CM
C47.4	Malignant neoplasm of peripheral nerves of abdomen	Diagnosis	ICD-10-CM
C47.5	Malignant neoplasm of peripheral nerves of pelvis	Diagnosis	ICD-10-CM
C47.6	Malignant neoplasm of peripheral nerves of trunk, unspecified	Diagnosis	ICD-10-CM
C47.8	Malignant neoplasm of overlapping sites of peripheral nerves and autonomic nervous system	Diagnosis	ICD-10-CM
C47.9	Malignant neoplasm of peripheral nerves and autonomic nervous system, unspecified	Diagnosis	ICD-10-CM
C48	Malignant neoplasm of retroperitoneum and peritoneum	Diagnosis	ICD-10-CM
C48.0	Malignant neoplasm of retroperitoneum	Diagnosis	ICD-10-CM
C48.1	Malignant neoplasm of specified parts of peritoneum	Diagnosis	ICD-10-CM
C48.2	Malignant neoplasm of peritoneum, unspecified	Diagnosis	ICD-10-CM
C48.8	Malignant neoplasm of overlapping sites of retroperitoneum and peritoneum	Diagnosis	ICD-10-CM



**Appendix K. List of International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes and Healthcare Common Procedure Coding System (HCPCS) Codes Used to Define Baseline Characteristics in this Request**

<b>Code</b>	<b>Description</b>	<b>Code Category</b>	<b>Code Type</b>
C49	Malignant neoplasm of other connective and soft tissue	Diagnosis	ICD-10-CM
C49.0	Malignant neoplasm of connective and soft tissue of head, face and neck	Diagnosis	ICD-10-CM
C49.1	Malignant neoplasm of connective and soft tissue of upper limb, including shoulder	Diagnosis	ICD-10-CM
C49.10	Malignant neoplasm of connective and soft tissue of unspecified upper limb, including shoulder	Diagnosis	ICD-10-CM
C49.11	Malignant neoplasm of connective and soft tissue of right upper limb, including shoulder	Diagnosis	ICD-10-CM
C49.12	Malignant neoplasm of connective and soft tissue of left upper limb, including shoulder	Diagnosis	ICD-10-CM
C49.2	Malignant neoplasm of connective and soft tissue of lower limb, including hip	Diagnosis	ICD-10-CM
C49.20	Malignant neoplasm of connective and soft tissue of unspecified lower limb, including hip	Diagnosis	ICD-10-CM
C49.21	Malignant neoplasm of connective and soft tissue of right lower limb, including hip	Diagnosis	ICD-10-CM
C49.22	Malignant neoplasm of connective and soft tissue of left lower limb, including hip	Diagnosis	ICD-10-CM
C49.3	Malignant neoplasm of connective and soft tissue of thorax	Diagnosis	ICD-10-CM
C49.4	Malignant neoplasm of connective and soft tissue of abdomen	Diagnosis	ICD-10-CM
C49.5	Malignant neoplasm of connective and soft tissue of pelvis	Diagnosis	ICD-10-CM
C49.6	Malignant neoplasm of connective and soft tissue of trunk, unspecified	Diagnosis	ICD-10-CM
C49.8	Malignant neoplasm of overlapping sites of connective and soft tissue	Diagnosis	ICD-10-CM
C49.9	Malignant neoplasm of connective and soft tissue, unspecified	Diagnosis	ICD-10-CM
C49.A	Gastrointestinal stromal tumor	Diagnosis	ICD-10-CM
C49.A0	Gastrointestinal stromal tumor, unspecified site	Diagnosis	ICD-10-CM
C49.A1	Gastrointestinal stromal tumor of esophagus	Diagnosis	ICD-10-CM
C49.A2	Gastrointestinal stromal tumor of stomach	Diagnosis	ICD-10-CM
C49.A3	Gastrointestinal stromal tumor of small intestine	Diagnosis	ICD-10-CM
C49.A4	Gastrointestinal stromal tumor of large intestine	Diagnosis	ICD-10-CM
C49.A5	Gastrointestinal stromal tumor of rectum	Diagnosis	ICD-10-CM
C49.A9	Gastrointestinal stromal tumor of other sites	Diagnosis	ICD-10-CM
C4A	Merkel cell carcinoma	Diagnosis	ICD-10-CM
C4A.0	Merkel cell carcinoma of lip	Diagnosis	ICD-10-CM
C4A.1	Merkel cell carcinoma of eyelid, including canthus	Diagnosis	ICD-10-CM
C4A.10	Merkel cell carcinoma of unspecified eyelid, including canthus	Diagnosis	ICD-10-CM
C4A.11	Merkel cell carcinoma of right eyelid, including canthus	Diagnosis	ICD-10-CM
C4A.111	Merkel cell carcinoma of right upper eyelid, including canthus	Diagnosis	ICD-10-CM
C4A.112	Merkel cell carcinoma of right lower eyelid, including canthus	Diagnosis	ICD-10-CM
C4A.12	Merkel cell carcinoma of left eyelid, including canthus	Diagnosis	ICD-10-CM
C4A.121	Merkel cell carcinoma of left upper eyelid, including canthus	Diagnosis	ICD-10-CM
C4A.122	Merkel cell carcinoma of left lower eyelid, including canthus	Diagnosis	ICD-10-CM
C4A.2	Merkel cell carcinoma of ear and external auricular canal	Diagnosis	ICD-10-CM
C4A.20	Merkel cell carcinoma of unspecified ear and external auricular canal	Diagnosis	ICD-10-CM
C4A.21	Merkel cell carcinoma of right ear and external auricular canal	Diagnosis	ICD-10-CM

**Appendix K. List of International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes and Healthcare Common Procedure Coding System (HCPCS) Codes Used to Define Baseline Characteristics in this Request**

<b>Code</b>	<b>Description</b>	<b>Code Category</b>	<b>Code Type</b>
C4A.22	Merkel cell carcinoma of left ear and external auricular canal	Diagnosis	ICD-10-CM
C4A.3	Merkel cell carcinoma of other and unspecified parts of face	Diagnosis	ICD-10-CM
C4A.30	Merkel cell carcinoma of unspecified part of face	Diagnosis	ICD-10-CM
C4A.31	Merkel cell carcinoma of nose	Diagnosis	ICD-10-CM
C4A.39	Merkel cell carcinoma of other parts of face	Diagnosis	ICD-10-CM
C4A.4	Merkel cell carcinoma of scalp and neck	Diagnosis	ICD-10-CM
C4A.5	Merkel cell carcinoma of trunk	Diagnosis	ICD-10-CM
C4A.51	Merkel cell carcinoma of anal skin	Diagnosis	ICD-10-CM
C4A.52	Merkel cell carcinoma of skin of breast	Diagnosis	ICD-10-CM
C4A.59	Merkel cell carcinoma of other part of trunk	Diagnosis	ICD-10-CM
C4A.6	Merkel cell carcinoma of upper limb, including shoulder	Diagnosis	ICD-10-CM
C4A.60	Merkel cell carcinoma of unspecified upper limb, including shoulder	Diagnosis	ICD-10-CM
C4A.61	Merkel cell carcinoma of right upper limb, including shoulder	Diagnosis	ICD-10-CM
C4A.62	Merkel cell carcinoma of left upper limb, including shoulder	Diagnosis	ICD-10-CM
C4A.7	Merkel cell carcinoma of lower limb, including hip	Diagnosis	ICD-10-CM
C4A.70	Merkel cell carcinoma of unspecified lower limb, including hip	Diagnosis	ICD-10-CM
C4A.71	Merkel cell carcinoma of right lower limb, including hip	Diagnosis	ICD-10-CM
C4A.72	Merkel cell carcinoma of left lower limb, including hip	Diagnosis	ICD-10-CM
C4A.8	Merkel cell carcinoma of overlapping sites	Diagnosis	ICD-10-CM
C4A.9	Merkel cell carcinoma, unspecified	Diagnosis	ICD-10-CM
C50	Malignant neoplasm of breast	Diagnosis	ICD-10-CM
C50.0	Malignant neoplasm of nipple and areola	Diagnosis	ICD-10-CM
C50.01	Malignant neoplasm of nipple and areola, female	Diagnosis	ICD-10-CM
C50.011	Malignant neoplasm of nipple and areola, right female breast	Diagnosis	ICD-10-CM
C50.012	Malignant neoplasm of nipple and areola, left female breast	Diagnosis	ICD-10-CM
C50.019	Malignant neoplasm of nipple and areola, unspecified female breast	Diagnosis	ICD-10-CM
C50.02	Malignant neoplasm of nipple and areola, male	Diagnosis	ICD-10-CM
C50.021	Malignant neoplasm of nipple and areola, right male breast	Diagnosis	ICD-10-CM
C50.022	Malignant neoplasm of nipple and areola, left male breast	Diagnosis	ICD-10-CM
C50.029	Malignant neoplasm of nipple and areola, unspecified male breast	Diagnosis	ICD-10-CM
C50.1	Malignant neoplasm of central portion of breast	Diagnosis	ICD-10-CM
C50.11	Malignant neoplasm of central portion of breast, female	Diagnosis	ICD-10-CM
C50.111	Malignant neoplasm of central portion of right female breast	Diagnosis	ICD-10-CM
C50.112	Malignant neoplasm of central portion of left female breast	Diagnosis	ICD-10-CM
C50.119	Malignant neoplasm of central portion of unspecified female breast	Diagnosis	ICD-10-CM
C50.12	Malignant neoplasm of central portion of breast, male	Diagnosis	ICD-10-CM
C50.121	Malignant neoplasm of central portion of right male breast	Diagnosis	ICD-10-CM
C50.122	Malignant neoplasm of central portion of left male breast	Diagnosis	ICD-10-CM
C50.129	Malignant neoplasm of central portion of unspecified male breast	Diagnosis	ICD-10-CM
C50.2	Malignant neoplasm of upper-inner quadrant of breast	Diagnosis	ICD-10-CM
C50.21	Malignant neoplasm of upper-inner quadrant of breast, female	Diagnosis	ICD-10-CM
C50.211	Malignant neoplasm of upper-inner quadrant of right female breast	Diagnosis	ICD-10-CM
C50.212	Malignant neoplasm of upper-inner quadrant of left female breast	Diagnosis	ICD-10-CM
C50.219	Malignant neoplasm of upper-inner quadrant of unspecified female breast	Diagnosis	ICD-10-CM



**Appendix K. List of International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes and Healthcare Common Procedure Coding System (HCPCS) Codes Used to Define Baseline Characteristics in this Request**

<b>Code</b>	<b>Description</b>	<b>Code Category</b>	<b>Code Type</b>
C50.22	Malignant neoplasm of upper-inner quadrant of breast, male	Diagnosis	ICD-10-CM
C50.221	Malignant neoplasm of upper-inner quadrant of right male breast	Diagnosis	ICD-10-CM
C50.222	Malignant neoplasm of upper-inner quadrant of left male breast	Diagnosis	ICD-10-CM
C50.229	Malignant neoplasm of upper-inner quadrant of unspecified male breast	Diagnosis	ICD-10-CM
C50.3	Malignant neoplasm of lower-inner quadrant of breast	Diagnosis	ICD-10-CM
C50.31	Malignant neoplasm of lower-inner quadrant of breast, female	Diagnosis	ICD-10-CM
C50.311	Malignant neoplasm of lower-inner quadrant of right female breast	Diagnosis	ICD-10-CM
C50.312	Malignant neoplasm of lower-inner quadrant of left female breast	Diagnosis	ICD-10-CM
C50.319	Malignant neoplasm of lower-inner quadrant of unspecified female breast	Diagnosis	ICD-10-CM
C50.32	Malignant neoplasm of lower-inner quadrant of breast, male	Diagnosis	ICD-10-CM
C50.321	Malignant neoplasm of lower-inner quadrant of right male breast	Diagnosis	ICD-10-CM
C50.322	Malignant neoplasm of lower-inner quadrant of left male breast	Diagnosis	ICD-10-CM
C50.329	Malignant neoplasm of lower-inner quadrant of unspecified male breast	Diagnosis	ICD-10-CM
C50.4	Malignant neoplasm of upper-outer quadrant of breast	Diagnosis	ICD-10-CM
C50.41	Malignant neoplasm of upper-outer quadrant of breast, female	Diagnosis	ICD-10-CM
C50.411	Malignant neoplasm of upper-outer quadrant of right female breast	Diagnosis	ICD-10-CM
C50.412	Malignant neoplasm of upper-outer quadrant of left female breast	Diagnosis	ICD-10-CM
C50.419	Malignant neoplasm of upper-outer quadrant of unspecified female breast	Diagnosis	ICD-10-CM
C50.42	Malignant neoplasm of upper-outer quadrant of breast, male	Diagnosis	ICD-10-CM
C50.421	Malignant neoplasm of upper-outer quadrant of right male breast	Diagnosis	ICD-10-CM
C50.422	Malignant neoplasm of upper-outer quadrant of left male breast	Diagnosis	ICD-10-CM
C50.429	Malignant neoplasm of upper-outer quadrant of unspecified male breast	Diagnosis	ICD-10-CM
C50.5	Malignant neoplasm of lower-outer quadrant of breast	Diagnosis	ICD-10-CM
C50.51	Malignant neoplasm of lower-outer quadrant of breast, female	Diagnosis	ICD-10-CM
C50.511	Malignant neoplasm of lower-outer quadrant of right female breast	Diagnosis	ICD-10-CM
C50.512	Malignant neoplasm of lower-outer quadrant of left female breast	Diagnosis	ICD-10-CM
C50.519	Malignant neoplasm of lower-outer quadrant of unspecified female breast	Diagnosis	ICD-10-CM
C50.52	Malignant neoplasm of lower-outer quadrant of breast, male	Diagnosis	ICD-10-CM
C50.521	Malignant neoplasm of lower-outer quadrant of right male breast	Diagnosis	ICD-10-CM
C50.522	Malignant neoplasm of lower-outer quadrant of left male breast	Diagnosis	ICD-10-CM
C50.529	Malignant neoplasm of lower-outer quadrant of unspecified male breast	Diagnosis	ICD-10-CM
C50.6	Malignant neoplasm of axillary tail of breast	Diagnosis	ICD-10-CM
C50.61	Malignant neoplasm of axillary tail of breast, female	Diagnosis	ICD-10-CM
C50.611	Malignant neoplasm of axillary tail of right female breast	Diagnosis	ICD-10-CM
C50.612	Malignant neoplasm of axillary tail of left female breast	Diagnosis	ICD-10-CM
C50.619	Malignant neoplasm of axillary tail of unspecified female breast	Diagnosis	ICD-10-CM
C50.62	Malignant neoplasm of axillary tail of breast, male	Diagnosis	ICD-10-CM
C50.621	Malignant neoplasm of axillary tail of right male breast	Diagnosis	ICD-10-CM
C50.622	Malignant neoplasm of axillary tail of left male breast	Diagnosis	ICD-10-CM
C50.629	Malignant neoplasm of axillary tail of unspecified male breast	Diagnosis	ICD-10-CM
C50.8	Malignant neoplasm of overlapping sites of breast	Diagnosis	ICD-10-CM
C50.81	Malignant neoplasm of overlapping sites of breast, female	Diagnosis	ICD-10-CM
C50.811	Malignant neoplasm of overlapping sites of right female breast	Diagnosis	ICD-10-CM
C50.812	Malignant neoplasm of overlapping sites of left female breast	Diagnosis	ICD-10-CM

**Appendix K. List of International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes and Healthcare Common Procedure Coding System (HCPCS) Codes Used to Define Baseline Characteristics in this Request**

<b>Code</b>	<b>Description</b>	<b>Code Category</b>	<b>Code Type</b>
C50.819	Malignant neoplasm of overlapping sites of unspecified female breast	Diagnosis	ICD-10-CM
C50.82	Malignant neoplasm of overlapping sites of breast, male	Diagnosis	ICD-10-CM
C50.821	Malignant neoplasm of overlapping sites of right male breast	Diagnosis	ICD-10-CM
C50.822	Malignant neoplasm of overlapping sites of left male breast	Diagnosis	ICD-10-CM
C50.829	Malignant neoplasm of overlapping sites of unspecified male breast	Diagnosis	ICD-10-CM
C50.9	Malignant neoplasm of breast of unspecified site	Diagnosis	ICD-10-CM
C50.91	Malignant neoplasm of breast of unspecified site, female	Diagnosis	ICD-10-CM
C50.911	Malignant neoplasm of unspecified site of right female breast	Diagnosis	ICD-10-CM
C50.912	Malignant neoplasm of unspecified site of left female breast	Diagnosis	ICD-10-CM
C50.919	Malignant neoplasm of unspecified site of unspecified female breast	Diagnosis	ICD-10-CM
C50.92	Malignant neoplasm of breast of unspecified site, male	Diagnosis	ICD-10-CM
C50.921	Malignant neoplasm of unspecified site of right male breast	Diagnosis	ICD-10-CM
C50.922	Malignant neoplasm of unspecified site of left male breast	Diagnosis	ICD-10-CM
C50.929	Malignant neoplasm of unspecified site of unspecified male breast	Diagnosis	ICD-10-CM
C51	Malignant neoplasm of vulva	Diagnosis	ICD-10-CM
C51.0	Malignant neoplasm of labium majus	Diagnosis	ICD-10-CM
C51.1	Malignant neoplasm of labium minus	Diagnosis	ICD-10-CM
C51.2	Malignant neoplasm of clitoris	Diagnosis	ICD-10-CM
C51.8	Malignant neoplasm of overlapping sites of vulva	Diagnosis	ICD-10-CM
C51.9	Malignant neoplasm of vulva, unspecified	Diagnosis	ICD-10-CM
C52	Malignant neoplasm of vagina	Diagnosis	ICD-10-CM
C53	Malignant neoplasm of cervix uteri	Diagnosis	ICD-10-CM
C53.0	Malignant neoplasm of endocervix	Diagnosis	ICD-10-CM
C53.1	Malignant neoplasm of exocervix	Diagnosis	ICD-10-CM
C53.8	Malignant neoplasm of overlapping sites of cervix uteri	Diagnosis	ICD-10-CM
C53.9	Malignant neoplasm of cervix uteri, unspecified	Diagnosis	ICD-10-CM
C54	Malignant neoplasm of corpus uteri	Diagnosis	ICD-10-CM
C54.0	Malignant neoplasm of isthmus uteri	Diagnosis	ICD-10-CM
C54.1	Malignant neoplasm of endometrium	Diagnosis	ICD-10-CM
C54.2	Malignant neoplasm of myometrium	Diagnosis	ICD-10-CM
C54.3	Malignant neoplasm of fundus uteri	Diagnosis	ICD-10-CM
C54.8	Malignant neoplasm of overlapping sites of corpus uteri	Diagnosis	ICD-10-CM
C54.9	Malignant neoplasm of corpus uteri, unspecified	Diagnosis	ICD-10-CM
C55	Malignant neoplasm of uterus, part unspecified	Diagnosis	ICD-10-CM
C56	Malignant neoplasm of ovary	Diagnosis	ICD-10-CM
C56.1	Malignant neoplasm of right ovary	Diagnosis	ICD-10-CM
C56.2	Malignant neoplasm of left ovary	Diagnosis	ICD-10-CM
C56.9	Malignant neoplasm of unspecified ovary	Diagnosis	ICD-10-CM
C57	Malignant neoplasm of other and unspecified female genital organs	Diagnosis	ICD-10-CM
C57.0	Malignant neoplasm of fallopian tube	Diagnosis	ICD-10-CM
C57.00	Malignant neoplasm of unspecified fallopian tube	Diagnosis	ICD-10-CM
C57.01	Malignant neoplasm of right fallopian tube	Diagnosis	ICD-10-CM
C57.02	Malignant neoplasm of left fallopian tube	Diagnosis	ICD-10-CM
C57.1	Malignant neoplasm of broad ligament	Diagnosis	ICD-10-CM

**Appendix K. List of International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes and Healthcare Common Procedure Coding System (HCPCS) Codes Used to Define Baseline Characteristics in this Request**

<b>Code</b>	<b>Description</b>	<b>Code Category</b>	<b>Code Type</b>
C57.10	Malignant neoplasm of unspecified broad ligament	Diagnosis	ICD-10-CM
C57.11	Malignant neoplasm of right broad ligament	Diagnosis	ICD-10-CM
C57.12	Malignant neoplasm of left broad ligament	Diagnosis	ICD-10-CM
C57.2	Malignant neoplasm of round ligament	Diagnosis	ICD-10-CM
C57.20	Malignant neoplasm of unspecified round ligament	Diagnosis	ICD-10-CM
C57.21	Malignant neoplasm of right round ligament	Diagnosis	ICD-10-CM
C57.22	Malignant neoplasm of left round ligament	Diagnosis	ICD-10-CM
C57.3	Malignant neoplasm of parametrium	Diagnosis	ICD-10-CM
C57.4	Malignant neoplasm of uterine adnexa, unspecified	Diagnosis	ICD-10-CM
C57.7	Malignant neoplasm of other specified female genital organs	Diagnosis	ICD-10-CM
C57.8	Malignant neoplasm of overlapping sites of female genital organs	Diagnosis	ICD-10-CM
C57.9	Malignant neoplasm of female genital organ, unspecified	Diagnosis	ICD-10-CM
C58	Malignant neoplasm of placenta	Diagnosis	ICD-10-CM
C60	Malignant neoplasm of penis	Diagnosis	ICD-10-CM
C60.0	Malignant neoplasm of prepuce	Diagnosis	ICD-10-CM
C60.1	Malignant neoplasm of glans penis	Diagnosis	ICD-10-CM
C60.2	Malignant neoplasm of body of penis	Diagnosis	ICD-10-CM
C60.8	Malignant neoplasm of overlapping sites of penis	Diagnosis	ICD-10-CM
C60.9	Malignant neoplasm of penis, unspecified	Diagnosis	ICD-10-CM
C61	Malignant neoplasm of prostate	Diagnosis	ICD-10-CM
C62	Malignant neoplasm of testis	Diagnosis	ICD-10-CM
C62.0	Malignant neoplasm of undescended testis	Diagnosis	ICD-10-CM
C62.00	Malignant neoplasm of unspecified undescended testis	Diagnosis	ICD-10-CM
C62.01	Malignant neoplasm of undescended right testis	Diagnosis	ICD-10-CM
C62.02	Malignant neoplasm of undescended left testis	Diagnosis	ICD-10-CM
C62.1	Malignant neoplasm of descended testis	Diagnosis	ICD-10-CM
C62.10	Malignant neoplasm of unspecified descended testis	Diagnosis	ICD-10-CM
C62.11	Malignant neoplasm of descended right testis	Diagnosis	ICD-10-CM
C62.12	Malignant neoplasm of descended left testis	Diagnosis	ICD-10-CM
C62.9	Malignant neoplasm of testis, unspecified whether descended or undescended	Diagnosis	ICD-10-CM
C62.90	Malignant neoplasm of unspecified testis, unspecified whether descended or undescended	Diagnosis	ICD-10-CM
C62.91	Malignant neoplasm of right testis, unspecified whether descended or undescended	Diagnosis	ICD-10-CM
C62.92	Malignant neoplasm of left testis, unspecified whether descended or undescended	Diagnosis	ICD-10-CM
C63	Malignant neoplasm of other and unspecified male genital organs	Diagnosis	ICD-10-CM
C63.0	Malignant neoplasm of epididymis	Diagnosis	ICD-10-CM
C63.00	Malignant neoplasm of unspecified epididymis	Diagnosis	ICD-10-CM
C63.01	Malignant neoplasm of right epididymis	Diagnosis	ICD-10-CM
C63.02	Malignant neoplasm of left epididymis	Diagnosis	ICD-10-CM
C63.1	Malignant neoplasm of spermatic cord	Diagnosis	ICD-10-CM
C63.10	Malignant neoplasm of unspecified spermatic cord	Diagnosis	ICD-10-CM
C63.11	Malignant neoplasm of right spermatic cord	Diagnosis	ICD-10-CM

**Appendix K. List of International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes and Healthcare Common Procedure Coding System (HCPCS) Codes Used to Define Baseline Characteristics in this Request**

<b>Code</b>	<b>Description</b>	<b>Code Category</b>	<b>Code Type</b>
C63.12	Malignant neoplasm of left spermatic cord	Diagnosis	ICD-10-CM
C63.2	Malignant neoplasm of scrotum	Diagnosis	ICD-10-CM
C63.7	Malignant neoplasm of other specified male genital organs	Diagnosis	ICD-10-CM
C63.8	Malignant neoplasm of overlapping sites of male genital organs	Diagnosis	ICD-10-CM
C63.9	Malignant neoplasm of male genital organ, unspecified	Diagnosis	ICD-10-CM
C64	Malignant neoplasm of kidney, except renal pelvis	Diagnosis	ICD-10-CM
C64.1	Malignant neoplasm of right kidney, except renal pelvis	Diagnosis	ICD-10-CM
C64.2	Malignant neoplasm of left kidney, except renal pelvis	Diagnosis	ICD-10-CM
C64.9	Malignant neoplasm of unspecified kidney, except renal pelvis	Diagnosis	ICD-10-CM
C65	Malignant neoplasm of renal pelvis	Diagnosis	ICD-10-CM
C65.1	Malignant neoplasm of right renal pelvis	Diagnosis	ICD-10-CM
C65.2	Malignant neoplasm of left renal pelvis	Diagnosis	ICD-10-CM
C65.9	Malignant neoplasm of unspecified renal pelvis	Diagnosis	ICD-10-CM
C66	Malignant neoplasm of ureter	Diagnosis	ICD-10-CM
C66.1	Malignant neoplasm of right ureter	Diagnosis	ICD-10-CM
C66.2	Malignant neoplasm of left ureter	Diagnosis	ICD-10-CM
C66.9	Malignant neoplasm of unspecified ureter	Diagnosis	ICD-10-CM
C67	Malignant neoplasm of bladder	Diagnosis	ICD-10-CM
C67.0	Malignant neoplasm of trigone of bladder	Diagnosis	ICD-10-CM
C67.1	Malignant neoplasm of dome of bladder	Diagnosis	ICD-10-CM
C67.2	Malignant neoplasm of lateral wall of bladder	Diagnosis	ICD-10-CM
C67.3	Malignant neoplasm of anterior wall of bladder	Diagnosis	ICD-10-CM
C67.4	Malignant neoplasm of posterior wall of bladder	Diagnosis	ICD-10-CM
C67.5	Malignant neoplasm of bladder neck	Diagnosis	ICD-10-CM
C67.6	Malignant neoplasm of ureteric orifice	Diagnosis	ICD-10-CM
C67.7	Malignant neoplasm of urachus	Diagnosis	ICD-10-CM
C67.8	Malignant neoplasm of overlapping sites of bladder	Diagnosis	ICD-10-CM
C67.9	Malignant neoplasm of bladder, unspecified	Diagnosis	ICD-10-CM
C68	Malignant neoplasm of other and unspecified urinary organs	Diagnosis	ICD-10-CM
C68.0	Malignant neoplasm of urethra	Diagnosis	ICD-10-CM
C68.1	Malignant neoplasm of paraurethral glands	Diagnosis	ICD-10-CM
C68.8	Malignant neoplasm of overlapping sites of urinary organs	Diagnosis	ICD-10-CM
C68.9	Malignant neoplasm of urinary organ, unspecified	Diagnosis	ICD-10-CM
C69	Malignant neoplasm of eye and adnexa	Diagnosis	ICD-10-CM
C69.0	Malignant neoplasm of conjunctiva	Diagnosis	ICD-10-CM
C69.00	Malignant neoplasm of unspecified conjunctiva	Diagnosis	ICD-10-CM
C69.01	Malignant neoplasm of right conjunctiva	Diagnosis	ICD-10-CM
C69.02	Malignant neoplasm of left conjunctiva	Diagnosis	ICD-10-CM
C69.1	Malignant neoplasm of cornea	Diagnosis	ICD-10-CM
C69.10	Malignant neoplasm of unspecified cornea	Diagnosis	ICD-10-CM
C69.11	Malignant neoplasm of right cornea	Diagnosis	ICD-10-CM
C69.12	Malignant neoplasm of left cornea	Diagnosis	ICD-10-CM
C69.2	Malignant neoplasm of retina	Diagnosis	ICD-10-CM
C69.20	Malignant neoplasm of unspecified retina	Diagnosis	ICD-10-CM

**Appendix K. List of International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes and Healthcare Common Procedure Coding System (HCPCS) Codes Used to Define Baseline Characteristics in this Request**

<b>Code</b>	<b>Description</b>	<b>Code Category</b>	<b>Code Type</b>
C69.21	Malignant neoplasm of right retina	Diagnosis	ICD-10-CM
C69.22	Malignant neoplasm of left retina	Diagnosis	ICD-10-CM
C69.3	Malignant neoplasm of choroid	Diagnosis	ICD-10-CM
C69.30	Malignant neoplasm of unspecified choroid	Diagnosis	ICD-10-CM
C69.31	Malignant neoplasm of right choroid	Diagnosis	ICD-10-CM
C69.32	Malignant neoplasm of left choroid	Diagnosis	ICD-10-CM
C69.4	Malignant neoplasm of ciliary body	Diagnosis	ICD-10-CM
C69.40	Malignant neoplasm of unspecified ciliary body	Diagnosis	ICD-10-CM
C69.41	Malignant neoplasm of right ciliary body	Diagnosis	ICD-10-CM
C69.42	Malignant neoplasm of left ciliary body	Diagnosis	ICD-10-CM
C69.5	Malignant neoplasm of lacrimal gland and duct	Diagnosis	ICD-10-CM
C69.50	Malignant neoplasm of unspecified lacrimal gland and duct	Diagnosis	ICD-10-CM
C69.51	Malignant neoplasm of right lacrimal gland and duct	Diagnosis	ICD-10-CM
C69.52	Malignant neoplasm of left lacrimal gland and duct	Diagnosis	ICD-10-CM
C69.6	Malignant neoplasm of orbit	Diagnosis	ICD-10-CM
C69.60	Malignant neoplasm of unspecified orbit	Diagnosis	ICD-10-CM
C69.61	Malignant neoplasm of right orbit	Diagnosis	ICD-10-CM
C69.62	Malignant neoplasm of left orbit	Diagnosis	ICD-10-CM
C69.8	Malignant neoplasm of overlapping sites of eye and adnexa	Diagnosis	ICD-10-CM
C69.80	Malignant neoplasm of overlapping sites of unspecified eye and adnexa	Diagnosis	ICD-10-CM
C69.81	Malignant neoplasm of overlapping sites of right eye and adnexa	Diagnosis	ICD-10-CM
C69.82	Malignant neoplasm of overlapping sites of left eye and adnexa	Diagnosis	ICD-10-CM
C69.9	Malignant neoplasm of unspecified site of eye	Diagnosis	ICD-10-CM
C69.90	Malignant neoplasm of unspecified site of unspecified eye	Diagnosis	ICD-10-CM
C69.91	Malignant neoplasm of unspecified site of right eye	Diagnosis	ICD-10-CM
C69.92	Malignant neoplasm of unspecified site of left eye	Diagnosis	ICD-10-CM
C70	Malignant neoplasm of meninges	Diagnosis	ICD-10-CM
C70.0	Malignant neoplasm of cerebral meninges	Diagnosis	ICD-10-CM
C70.1	Malignant neoplasm of spinal meninges	Diagnosis	ICD-10-CM
C70.9	Malignant neoplasm of meninges, unspecified	Diagnosis	ICD-10-CM
C71	Malignant neoplasm of brain	Diagnosis	ICD-10-CM
C71.0	Malignant neoplasm of cerebrum, except lobes and ventricles	Diagnosis	ICD-10-CM
C71.1	Malignant neoplasm of frontal lobe	Diagnosis	ICD-10-CM
C71.2	Malignant neoplasm of temporal lobe	Diagnosis	ICD-10-CM
C71.3	Malignant neoplasm of parietal lobe	Diagnosis	ICD-10-CM
C71.4	Malignant neoplasm of occipital lobe	Diagnosis	ICD-10-CM
C71.5	Malignant neoplasm of cerebral ventricle	Diagnosis	ICD-10-CM
C71.6	Malignant neoplasm of cerebellum	Diagnosis	ICD-10-CM
C71.7	Malignant neoplasm of brain stem	Diagnosis	ICD-10-CM
C71.8	Malignant neoplasm of overlapping sites of brain	Diagnosis	ICD-10-CM
C71.9	Malignant neoplasm of brain, unspecified	Diagnosis	ICD-10-CM
C72	Malignant neoplasm of spinal cord, cranial nerves and other parts of central nervous system	Diagnosis	ICD-10-CM
C72.0	Malignant neoplasm of spinal cord	Diagnosis	ICD-10-CM

**Appendix K. List of International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes and Healthcare Common Procedure Coding System (HCPCS) Codes Used to Define Baseline Characteristics in this Request**

<b>Code</b>	<b>Description</b>	<b>Code Category</b>	<b>Code Type</b>
C72.1	Malignant neoplasm of cauda equina	Diagnosis	ICD-10-CM
C72.2	Malignant neoplasm of olfactory nerve	Diagnosis	ICD-10-CM
C72.20	Malignant neoplasm of unspecified olfactory nerve	Diagnosis	ICD-10-CM
C72.21	Malignant neoplasm of right olfactory nerve	Diagnosis	ICD-10-CM
C72.22	Malignant neoplasm of left olfactory nerve	Diagnosis	ICD-10-CM
C72.3	Malignant neoplasm of optic nerve	Diagnosis	ICD-10-CM
C72.30	Malignant neoplasm of unspecified optic nerve	Diagnosis	ICD-10-CM
C72.31	Malignant neoplasm of right optic nerve	Diagnosis	ICD-10-CM
C72.32	Malignant neoplasm of left optic nerve	Diagnosis	ICD-10-CM
C72.4	Malignant neoplasm of acoustic nerve	Diagnosis	ICD-10-CM
C72.40	Malignant neoplasm of unspecified acoustic nerve	Diagnosis	ICD-10-CM
C72.41	Malignant neoplasm of right acoustic nerve	Diagnosis	ICD-10-CM
C72.42	Malignant neoplasm of left acoustic nerve	Diagnosis	ICD-10-CM
C72.5	Malignant neoplasm of other and unspecified cranial nerves	Diagnosis	ICD-10-CM
C72.50	Malignant neoplasm of unspecified cranial nerve	Diagnosis	ICD-10-CM
C72.59	Malignant neoplasm of other cranial nerves	Diagnosis	ICD-10-CM
C72.9	Malignant neoplasm of central nervous system, unspecified	Diagnosis	ICD-10-CM
C73	Malignant neoplasm of thyroid gland	Diagnosis	ICD-10-CM
C74	Malignant neoplasm of adrenal gland	Diagnosis	ICD-10-CM
C74.0	Malignant neoplasm of cortex of adrenal gland	Diagnosis	ICD-10-CM
C74.00	Malignant neoplasm of cortex of unspecified adrenal gland	Diagnosis	ICD-10-CM
C74.01	Malignant neoplasm of cortex of right adrenal gland	Diagnosis	ICD-10-CM
C74.02	Malignant neoplasm of cortex of left adrenal gland	Diagnosis	ICD-10-CM
C74.1	Malignant neoplasm of medulla of adrenal gland	Diagnosis	ICD-10-CM
C74.10	Malignant neoplasm of medulla of unspecified adrenal gland	Diagnosis	ICD-10-CM
C74.11	Malignant neoplasm of medulla of right adrenal gland	Diagnosis	ICD-10-CM
C74.12	Malignant neoplasm of medulla of left adrenal gland	Diagnosis	ICD-10-CM
C74.9	Malignant neoplasm of unspecified part of adrenal gland	Diagnosis	ICD-10-CM
C74.90	Malignant neoplasm of unspecified part of unspecified adrenal gland	Diagnosis	ICD-10-CM
C74.91	Malignant neoplasm of unspecified part of right adrenal gland	Diagnosis	ICD-10-CM
C74.92	Malignant neoplasm of unspecified part of left adrenal gland	Diagnosis	ICD-10-CM
C75	Malignant neoplasm of other endocrine glands and related structures	Diagnosis	ICD-10-CM
C75.0	Malignant neoplasm of parathyroid gland	Diagnosis	ICD-10-CM
C75.1	Malignant neoplasm of pituitary gland	Diagnosis	ICD-10-CM
C75.2	Malignant neoplasm of craniopharyngeal duct	Diagnosis	ICD-10-CM
C75.3	Malignant neoplasm of pineal gland	Diagnosis	ICD-10-CM
C75.4	Malignant neoplasm of carotid body	Diagnosis	ICD-10-CM
C75.5	Malignant neoplasm of aortic body and other paraganglia	Diagnosis	ICD-10-CM
C75.8	Malignant neoplasm with pluriglandular involvement, unspecified	Diagnosis	ICD-10-CM
C75.9	Malignant neoplasm of endocrine gland, unspecified	Diagnosis	ICD-10-CM
C76	Malignant neoplasm of other and ill-defined sites	Diagnosis	ICD-10-CM
C76.0	Malignant neoplasm of head, face and neck	Diagnosis	ICD-10-CM
C76.1	Malignant neoplasm of thorax	Diagnosis	ICD-10-CM
C76.2	Malignant neoplasm of abdomen	Diagnosis	ICD-10-CM



**Appendix K. List of International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes and Healthcare Common Procedure Coding System (HCPCS) Codes Used to Define Baseline Characteristics in this Request**

<b>Code</b>	<b>Description</b>	<b>Code Category</b>	<b>Code Type</b>
C76.3	Malignant neoplasm of pelvis	Diagnosis	ICD-10-CM
C76.4	Malignant neoplasm of upper limb	Diagnosis	ICD-10-CM
C76.40	Malignant neoplasm of unspecified upper limb	Diagnosis	ICD-10-CM
C76.41	Malignant neoplasm of right upper limb	Diagnosis	ICD-10-CM
C76.42	Malignant neoplasm of left upper limb	Diagnosis	ICD-10-CM
C76.5	Malignant neoplasm of lower limb	Diagnosis	ICD-10-CM
C76.50	Malignant neoplasm of unspecified lower limb	Diagnosis	ICD-10-CM
C76.51	Malignant neoplasm of right lower limb	Diagnosis	ICD-10-CM
C76.52	Malignant neoplasm of left lower limb	Diagnosis	ICD-10-CM
C76.8	Malignant neoplasm of other specified ill-defined sites	Diagnosis	ICD-10-CM
C77	Secondary and unspecified malignant neoplasm of lymph nodes	Diagnosis	ICD-10-CM
C77.0	Secondary and unspecified malignant neoplasm of lymph nodes of head, face and neck	Diagnosis	ICD-10-CM
C77.1	Secondary and unspecified malignant neoplasm of intrathoracic lymph nodes	Diagnosis	ICD-10-CM
C77.2	Secondary and unspecified malignant neoplasm of intra-abdominal lymph nodes	Diagnosis	ICD-10-CM
C77.3	Secondary and unspecified malignant neoplasm of axilla and upper limb lymph nodes	Diagnosis	ICD-10-CM
C77.4	Secondary and unspecified malignant neoplasm of inguinal and lower limb lymph nodes	Diagnosis	ICD-10-CM
C77.5	Secondary and unspecified malignant neoplasm of intrapelvic lymph nodes	Diagnosis	ICD-10-CM
C77.8	Secondary and unspecified malignant neoplasm of lymph nodes of multiple regions	Diagnosis	ICD-10-CM
C77.9	Secondary and unspecified malignant neoplasm of lymph node, unspecified	Diagnosis	ICD-10-CM
C78	Secondary malignant neoplasm of respiratory and digestive organs	Diagnosis	ICD-10-CM
C78.0	Secondary malignant neoplasm of lung	Diagnosis	ICD-10-CM
C78.00	Secondary malignant neoplasm of unspecified lung	Diagnosis	ICD-10-CM
C78.01	Secondary malignant neoplasm of right lung	Diagnosis	ICD-10-CM
C78.02	Secondary malignant neoplasm of left lung	Diagnosis	ICD-10-CM
C78.1	Secondary malignant neoplasm of mediastinum	Diagnosis	ICD-10-CM
C78.2	Secondary malignant neoplasm of pleura	Diagnosis	ICD-10-CM
C78.3	Secondary malignant neoplasm of other and unspecified respiratory organs	Diagnosis	ICD-10-CM
C78.30	Secondary malignant neoplasm of unspecified respiratory organ	Diagnosis	ICD-10-CM
C78.39	Secondary malignant neoplasm of other respiratory organs	Diagnosis	ICD-10-CM
C78.4	Secondary malignant neoplasm of small intestine	Diagnosis	ICD-10-CM
C78.5	Secondary malignant neoplasm of large intestine and rectum	Diagnosis	ICD-10-CM
C78.6	Secondary malignant neoplasm of retroperitoneum and peritoneum	Diagnosis	ICD-10-CM
C78.7	Secondary malignant neoplasm of liver and intrahepatic bile duct	Diagnosis	ICD-10-CM
C78.8	Secondary malignant neoplasm of other and unspecified digestive organs	Diagnosis	ICD-10-CM
C78.80	Secondary malignant neoplasm of unspecified digestive organ	Diagnosis	ICD-10-CM
C78.89	Secondary malignant neoplasm of other digestive organs	Diagnosis	ICD-10-CM
C79	Secondary malignant neoplasm of other and unspecified sites	Diagnosis	ICD-10-CM
C79.0	Secondary malignant neoplasm of kidney and renal pelvis	Diagnosis	ICD-10-CM
C79.00	Secondary malignant neoplasm of unspecified kidney and renal pelvis	Diagnosis	ICD-10-CM

**Appendix K. List of International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes and Healthcare Common Procedure Coding System (HCPCS) Codes Used to Define Baseline Characteristics in this Request**

<b>Code</b>	<b>Description</b>	<b>Code Category</b>	<b>Code Type</b>
C79.01	Secondary malignant neoplasm of right kidney and renal pelvis	Diagnosis	ICD-10-CM
C79.02	Secondary malignant neoplasm of left kidney and renal pelvis	Diagnosis	ICD-10-CM
C79.1	Secondary malignant neoplasm of bladder and other and unspecified urinary organs	Diagnosis	ICD-10-CM
C79.10	Secondary malignant neoplasm of unspecified urinary organs	Diagnosis	ICD-10-CM
C79.11	Secondary malignant neoplasm of bladder	Diagnosis	ICD-10-CM
C79.19	Secondary malignant neoplasm of other urinary organs	Diagnosis	ICD-10-CM
C79.2	Secondary malignant neoplasm of skin	Diagnosis	ICD-10-CM
C79.3	Secondary malignant neoplasm of brain and cerebral meninges	Diagnosis	ICD-10-CM
C79.31	Secondary malignant neoplasm of brain	Diagnosis	ICD-10-CM
C79.32	Secondary malignant neoplasm of cerebral meninges	Diagnosis	ICD-10-CM
C79.4	Secondary malignant neoplasm of other and unspecified parts of nervous system	Diagnosis	ICD-10-CM
C79.40	Secondary malignant neoplasm of unspecified part of nervous system	Diagnosis	ICD-10-CM
C79.49	Secondary malignant neoplasm of other parts of nervous system	Diagnosis	ICD-10-CM
C79.5	Secondary malignant neoplasm of bone and bone marrow	Diagnosis	ICD-10-CM
C79.51	Secondary malignant neoplasm of bone	Diagnosis	ICD-10-CM
C79.52	Secondary malignant neoplasm of bone marrow	Diagnosis	ICD-10-CM
C79.6	Secondary malignant neoplasm of ovary	Diagnosis	ICD-10-CM
C79.60	Secondary malignant neoplasm of unspecified ovary	Diagnosis	ICD-10-CM
C79.61	Secondary malignant neoplasm of right ovary	Diagnosis	ICD-10-CM
C79.62	Secondary malignant neoplasm of left ovary	Diagnosis	ICD-10-CM
C79.7	Secondary malignant neoplasm of adrenal gland	Diagnosis	ICD-10-CM
C79.70	Secondary malignant neoplasm of unspecified adrenal gland	Diagnosis	ICD-10-CM
C79.71	Secondary malignant neoplasm of right adrenal gland	Diagnosis	ICD-10-CM
C79.72	Secondary malignant neoplasm of left adrenal gland	Diagnosis	ICD-10-CM
C79.8	Secondary malignant neoplasm of other specified sites	Diagnosis	ICD-10-CM
C79.81	Secondary malignant neoplasm of breast	Diagnosis	ICD-10-CM
C79.82	Secondary malignant neoplasm of genital organs	Diagnosis	ICD-10-CM
C79.89	Secondary malignant neoplasm of other specified sites	Diagnosis	ICD-10-CM
C79.9	Secondary malignant neoplasm of unspecified site	Diagnosis	ICD-10-CM
C7A	Malignant neuroendocrine tumors	Diagnosis	ICD-10-CM
C7A.0	Malignant carcinoid tumors	Diagnosis	ICD-10-CM
C7A.00	Malignant carcinoid tumor of unspecified site	Diagnosis	ICD-10-CM
C7A.01	Malignant carcinoid tumors of the small intestine	Diagnosis	ICD-10-CM
C7A.010	Malignant carcinoid tumor of the duodenum	Diagnosis	ICD-10-CM
C7A.011	Malignant carcinoid tumor of the jejunum	Diagnosis	ICD-10-CM
C7A.012	Malignant carcinoid tumor of the ileum	Diagnosis	ICD-10-CM
C7A.019	Malignant carcinoid tumor of the small intestine, unspecified portion	Diagnosis	ICD-10-CM
C7A.02	Malignant carcinoid tumors of the appendix, large intestine, and rectum	Diagnosis	ICD-10-CM
C7A.020	Malignant carcinoid tumor of the appendix	Diagnosis	ICD-10-CM
C7A.021	Malignant carcinoid tumor of the cecum	Diagnosis	ICD-10-CM
C7A.022	Malignant carcinoid tumor of the ascending colon	Diagnosis	ICD-10-CM
C7A.023	Malignant carcinoid tumor of the transverse colon	Diagnosis	ICD-10-CM



**Appendix K. List of International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes and Healthcare Common Procedure Coding System (HCPCS) Codes Used to Define Baseline Characteristics in this Request**

<b>Code</b>	<b>Description</b>	<b>Code Category</b>	<b>Code Type</b>
C7A.024	Malignant carcinoid tumor of the descending colon	Diagnosis	ICD-10-CM
C7A.025	Malignant carcinoid tumor of the sigmoid colon	Diagnosis	ICD-10-CM
C7A.026	Malignant carcinoid tumor of the rectum	Diagnosis	ICD-10-CM
C7A.029	Malignant carcinoid tumor of the large intestine, unspecified portion	Diagnosis	ICD-10-CM
C7A.09	Malignant carcinoid tumors of other sites	Diagnosis	ICD-10-CM
C7A.090	Malignant carcinoid tumor of the bronchus and lung	Diagnosis	ICD-10-CM
C7A.091	Malignant carcinoid tumor of the thymus	Diagnosis	ICD-10-CM
C7A.092	Malignant carcinoid tumor of the stomach	Diagnosis	ICD-10-CM
C7A.093	Malignant carcinoid tumor of the kidney	Diagnosis	ICD-10-CM
C7A.094	Malignant carcinoid tumor of the foregut, unspecified	Diagnosis	ICD-10-CM
C7A.095	Malignant carcinoid tumor of the midgut, unspecified	Diagnosis	ICD-10-CM
C7A.096	Malignant carcinoid tumor of the hindgut, unspecified	Diagnosis	ICD-10-CM
C7A.098	Malignant carcinoid tumors of other sites	Diagnosis	ICD-10-CM
C7A.1	Malignant poorly differentiated neuroendocrine tumors	Diagnosis	ICD-10-CM
C7A.8	Other malignant neuroendocrine tumors	Diagnosis	ICD-10-CM
C7B	Secondary neuroendocrine tumors	Diagnosis	ICD-10-CM
C7B.0	Secondary carcinoid tumors	Diagnosis	ICD-10-CM
C7B.00	Secondary carcinoid tumors, unspecified site	Diagnosis	ICD-10-CM
C7B.01	Secondary carcinoid tumors of distant lymph nodes	Diagnosis	ICD-10-CM
C7B.02	Secondary carcinoid tumors of liver	Diagnosis	ICD-10-CM
C7B.03	Secondary carcinoid tumors of bone	Diagnosis	ICD-10-CM
C7B.04	Secondary carcinoid tumors of peritoneum	Diagnosis	ICD-10-CM
C7B.09	Secondary carcinoid tumors of other sites	Diagnosis	ICD-10-CM
C7B.1	Secondary Merkel cell carcinoma	Diagnosis	ICD-10-CM
C7B.8	Other secondary neuroendocrine tumors	Diagnosis	ICD-10-CM
C80	Malignant neoplasm without specification of site	Diagnosis	ICD-10-CM
C80.0	Disseminated malignant neoplasm, unspecified	Diagnosis	ICD-10-CM
C80.1	Malignant (primary) neoplasm, unspecified	Diagnosis	ICD-10-CM
C80.2	Malignant neoplasm associated with transplanted organ	Diagnosis	ICD-10-CM
C81	Hodgkin lymphoma	Diagnosis	ICD-10-CM
C81.0	Nodular lymphocyte predominant Hodgkin lymphoma	Diagnosis	ICD-10-CM
C81.00	Nodular lymphocyte predominant Hodgkin lymphoma, unspecified site	Diagnosis	ICD-10-CM
C81.01	Nodular lymphocyte predominant Hodgkin lymphoma, lymph nodes of head, face, and neck	Diagnosis	ICD-10-CM
C81.02	Nodular lymphocyte predominant Hodgkin lymphoma, intrathoracic lymph nodes	Diagnosis	ICD-10-CM
C81.03	Nodular lymphocyte predominant Hodgkin lymphoma, intra-abdominal lymph nodes	Diagnosis	ICD-10-CM
C81.04	Nodular lymphocyte predominant Hodgkin lymphoma, lymph nodes of axilla and upper limb	Diagnosis	ICD-10-CM
C81.05	Nodular lymphocyte predominant Hodgkin lymphoma, lymph nodes of inguinal region and lower limb	Diagnosis	ICD-10-CM
C81.06	Nodular lymphocyte predominant Hodgkin lymphoma, intrapelvic lymph nodes	Diagnosis	ICD-10-CM

**Appendix K. List of International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes and Healthcare Common Procedure Coding System (HCPCS) Codes Used to Define Baseline Characteristics in this Request**

<b>Code</b>	<b>Description</b>	<b>Code Category</b>	<b>Code Type</b>
C81.07	Nodular lymphocyte predominant Hodgkin lymphoma, spleen	Diagnosis	ICD-10-CM
C81.08	Nodular lymphocyte predominant Hodgkin lymphoma, lymph nodes of multiple sites	Diagnosis	ICD-10-CM
C81.09	Nodular lymphocyte predominant Hodgkin lymphoma, extranodal and solid organ sites	Diagnosis	ICD-10-CM
C81.1	Nodular sclerosis Hodgkin lymphoma	Diagnosis	ICD-10-CM
C81.10	Nodular sclerosis Hodgkin lymphoma, unspecified site	Diagnosis	ICD-10-CM
C81.11	Nodular sclerosis Hodgkin lymphoma, lymph nodes of head, face, and neck	Diagnosis	ICD-10-CM
C81.12	Nodular sclerosis Hodgkin lymphoma, intrathoracic lymph nodes	Diagnosis	ICD-10-CM
C81.13	Nodular sclerosis Hodgkin lymphoma, intra-abdominal lymph nodes	Diagnosis	ICD-10-CM
C81.14	Nodular sclerosis Hodgkin lymphoma, lymph nodes of axilla and upper limb	Diagnosis	ICD-10-CM
C81.15	Nodular sclerosis Hodgkin lymphoma, lymph nodes of inguinal region and lower limb	Diagnosis	ICD-10-CM
C81.16	Nodular sclerosis Hodgkin lymphoma, intrapelvic lymph nodes	Diagnosis	ICD-10-CM
C81.17	Nodular sclerosis Hodgkin lymphoma, spleen	Diagnosis	ICD-10-CM
C81.18	Nodular sclerosis Hodgkin lymphoma, lymph nodes of multiple sites	Diagnosis	ICD-10-CM
C81.19	Nodular sclerosis Hodgkin lymphoma, extranodal and solid organ sites	Diagnosis	ICD-10-CM
C81.2	Mixed cellularity Hodgkin lymphoma	Diagnosis	ICD-10-CM
C81.20	Mixed cellularity Hodgkin lymphoma, unspecified site	Diagnosis	ICD-10-CM
C81.21	Mixed cellularity Hodgkin lymphoma, lymph nodes of head, face, and neck	Diagnosis	ICD-10-CM
C81.22	Mixed cellularity Hodgkin lymphoma, intrathoracic lymph nodes	Diagnosis	ICD-10-CM
C81.23	Mixed cellularity Hodgkin lymphoma, intra-abdominal lymph nodes	Diagnosis	ICD-10-CM
C81.24	Mixed cellularity Hodgkin lymphoma, lymph nodes of axilla and upper limb	Diagnosis	ICD-10-CM
C81.25	Mixed cellularity Hodgkin lymphoma, lymph nodes of inguinal region and lower limb	Diagnosis	ICD-10-CM
C81.26	Mixed cellularity Hodgkin lymphoma, intrapelvic lymph nodes	Diagnosis	ICD-10-CM
C81.27	Mixed cellularity Hodgkin lymphoma, spleen	Diagnosis	ICD-10-CM
C81.28	Mixed cellularity Hodgkin lymphoma, lymph nodes of multiple sites	Diagnosis	ICD-10-CM
C81.29	Mixed cellularity Hodgkin lymphoma, extranodal and solid organ sites	Diagnosis	ICD-10-CM
C81.3	Lymphocyte depleted Hodgkin lymphoma	Diagnosis	ICD-10-CM
C81.30	Lymphocyte depleted Hodgkin lymphoma, unspecified site	Diagnosis	ICD-10-CM
C81.31	Lymphocyte depleted Hodgkin lymphoma, lymph nodes of head, face, and neck	Diagnosis	ICD-10-CM
C81.32	Lymphocyte depleted Hodgkin lymphoma, intrathoracic lymph nodes	Diagnosis	ICD-10-CM
C81.33	Lymphocyte depleted Hodgkin lymphoma, intra-abdominal lymph nodes	Diagnosis	ICD-10-CM
C81.34	Lymphocyte depleted Hodgkin lymphoma, lymph nodes of axilla and upper limb	Diagnosis	ICD-10-CM
C81.35	Lymphocyte depleted Hodgkin lymphoma, lymph nodes of inguinal region and lower limb	Diagnosis	ICD-10-CM
C81.36	Lymphocyte depleted Hodgkin lymphoma, intrapelvic lymph nodes	Diagnosis	ICD-10-CM
C81.37	Lymphocyte depleted Hodgkin lymphoma, spleen	Diagnosis	ICD-10-CM
C81.38	Lymphocyte depleted Hodgkin lymphoma, lymph nodes of multiple sites	Diagnosis	ICD-10-CM
C81.39	Lymphocyte depleted Hodgkin lymphoma, extranodal and solid organ sites	Diagnosis	ICD-10-CM
C81.4	Lymphocyte-rich Hodgkin lymphoma	Diagnosis	ICD-10-CM

**Appendix K. List of International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes and Healthcare Common Procedure Coding System (HCPCS) Codes Used to Define Baseline Characteristics in this Request**

<b>Code</b>	<b>Description</b>	<b>Code Category</b>	<b>Code Type</b>
C81.40	Lymphocyte-rich Hodgkin lymphoma, unspecified site	Diagnosis	ICD-10-CM
C81.41	Lymphocyte-rich Hodgkin lymphoma, lymph nodes of head, face, and neck	Diagnosis	ICD-10-CM
C81.42	Lymphocyte-rich Hodgkin lymphoma, intrathoracic lymph nodes	Diagnosis	ICD-10-CM
C81.43	Lymphocyte-rich Hodgkin lymphoma, intra-abdominal lymph nodes	Diagnosis	ICD-10-CM
C81.44	Lymphocyte-rich Hodgkin lymphoma, lymph nodes of axilla and upper limb	Diagnosis	ICD-10-CM
C81.45	Lymphocyte-rich Hodgkin lymphoma, lymph nodes of inguinal region and lower limb	Diagnosis	ICD-10-CM
C81.46	Lymphocyte-rich Hodgkin lymphoma, intrapelvic lymph nodes	Diagnosis	ICD-10-CM
C81.47	Lymphocyte-rich Hodgkin lymphoma, spleen	Diagnosis	ICD-10-CM
C81.48	Lymphocyte-rich Hodgkin lymphoma, lymph nodes of multiple sites	Diagnosis	ICD-10-CM
C81.49	Lymphocyte-rich Hodgkin lymphoma, extranodal and solid organ sites	Diagnosis	ICD-10-CM
C81.7	Other Hodgkin lymphoma	Diagnosis	ICD-10-CM
C81.70	Other Hodgkin lymphoma, unspecified site	Diagnosis	ICD-10-CM
C81.71	Other Hodgkin lymphoma, lymph nodes of head, face, and neck	Diagnosis	ICD-10-CM
C81.72	Other Hodgkin lymphoma, intrathoracic lymph nodes	Diagnosis	ICD-10-CM
C81.73	Other Hodgkin lymphoma, intra-abdominal lymph nodes	Diagnosis	ICD-10-CM
C81.74	Other Hodgkin lymphoma, lymph nodes of axilla and upper limb	Diagnosis	ICD-10-CM
C81.75	Other Hodgkin lymphoma, lymph nodes of inguinal region and lower limb	Diagnosis	ICD-10-CM
C81.76	Other Hodgkin lymphoma, intrapelvic lymph nodes	Diagnosis	ICD-10-CM
C81.77	Other Hodgkin lymphoma, spleen	Diagnosis	ICD-10-CM
C81.78	Other Hodgkin lymphoma, lymph nodes of multiple sites	Diagnosis	ICD-10-CM
C81.79	Other Hodgkin lymphoma, extranodal and solid organ sites	Diagnosis	ICD-10-CM
C81.9	Hodgkin lymphoma, unspecified	Diagnosis	ICD-10-CM
C81.90	Hodgkin lymphoma, unspecified, unspecified site	Diagnosis	ICD-10-CM
C81.91	Hodgkin lymphoma, unspecified, lymph nodes of head, face, and neck	Diagnosis	ICD-10-CM
C81.92	Hodgkin lymphoma, unspecified, intrathoracic lymph nodes	Diagnosis	ICD-10-CM
C81.93	Hodgkin lymphoma, unspecified, intra-abdominal lymph nodes	Diagnosis	ICD-10-CM
C81.94	Hodgkin lymphoma, unspecified, lymph nodes of axilla and upper limb	Diagnosis	ICD-10-CM
C81.95	Hodgkin lymphoma, unspecified, lymph nodes of inguinal region and lower limb	Diagnosis	ICD-10-CM
C81.96	Hodgkin lymphoma, unspecified, intrapelvic lymph nodes	Diagnosis	ICD-10-CM
C81.97	Hodgkin lymphoma, unspecified, spleen	Diagnosis	ICD-10-CM
C81.98	Hodgkin lymphoma, unspecified, lymph nodes of multiple sites	Diagnosis	ICD-10-CM
C81.99	Hodgkin lymphoma, unspecified, extranodal and solid organ sites	Diagnosis	ICD-10-CM
C82	Follicular lymphoma	Diagnosis	ICD-10-CM
C82.0	Follicular lymphoma grade I	Diagnosis	ICD-10-CM
C82.00	Follicular lymphoma grade I, unspecified site	Diagnosis	ICD-10-CM
C82.01	Follicular lymphoma grade I, lymph nodes of head, face, and neck	Diagnosis	ICD-10-CM
C82.02	Follicular lymphoma grade I, intrathoracic lymph nodes	Diagnosis	ICD-10-CM
C82.03	Follicular lymphoma grade I, intra-abdominal lymph nodes	Diagnosis	ICD-10-CM
C82.04	Follicular lymphoma grade I, lymph nodes of axilla and upper limb	Diagnosis	ICD-10-CM
C82.05	Follicular lymphoma grade I, lymph nodes of inguinal region and lower limb	Diagnosis	ICD-10-CM
C82.06	Follicular lymphoma grade I, intrapelvic lymph nodes	Diagnosis	ICD-10-CM
C82.07	Follicular lymphoma grade I, spleen	Diagnosis	ICD-10-CM

**Appendix K. List of International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes and Healthcare Common Procedure Coding System (HCPCS) Codes Used to Define Baseline Characteristics in this Request**

<b>Code</b>	<b>Description</b>	<b>Code Category</b>	<b>Code Type</b>
C82.08	Follicular lymphoma grade I, lymph nodes of multiple sites	Diagnosis	ICD-10-CM
C82.09	Follicular lymphoma grade I, extranodal and solid organ sites	Diagnosis	ICD-10-CM
C82.1	Follicular lymphoma grade II	Diagnosis	ICD-10-CM
C82.10	Follicular lymphoma grade II, unspecified site	Diagnosis	ICD-10-CM
C82.11	Follicular lymphoma grade II, lymph nodes of head, face, and neck	Diagnosis	ICD-10-CM
C82.12	Follicular lymphoma grade II, intrathoracic lymph nodes	Diagnosis	ICD-10-CM
C82.13	Follicular lymphoma grade II, intra-abdominal lymph nodes	Diagnosis	ICD-10-CM
C82.14	Follicular lymphoma grade II, lymph nodes of axilla and upper limb	Diagnosis	ICD-10-CM
C82.15	Follicular lymphoma grade II, lymph nodes of inguinal region and lower limb	Diagnosis	ICD-10-CM
C82.16	Follicular lymphoma grade II, intrapelvic lymph nodes	Diagnosis	ICD-10-CM
C82.17	Follicular lymphoma grade II, spleen	Diagnosis	ICD-10-CM
C82.18	Follicular lymphoma grade II, lymph nodes of multiple sites	Diagnosis	ICD-10-CM
C82.19	Follicular lymphoma grade II, extranodal and solid organ sites	Diagnosis	ICD-10-CM
C82.2	Follicular lymphoma grade III, unspecified	Diagnosis	ICD-10-CM
C82.20	Follicular lymphoma grade III, unspecified, unspecified site	Diagnosis	ICD-10-CM
C82.21	Follicular lymphoma grade III, unspecified, lymph nodes of head, face, and neck	Diagnosis	ICD-10-CM
C82.22	Follicular lymphoma grade III, unspecified, intrathoracic lymph nodes	Diagnosis	ICD-10-CM
C82.23	Follicular lymphoma grade III, unspecified, intra-abdominal lymph nodes	Diagnosis	ICD-10-CM
C82.24	Follicular lymphoma grade III, unspecified, lymph nodes of axilla and upper limb	Diagnosis	ICD-10-CM
C82.25	Follicular lymphoma grade III, unspecified, lymph nodes of inguinal region and lower limb	Diagnosis	ICD-10-CM
C82.26	Follicular lymphoma grade III, unspecified, intrapelvic lymph nodes	Diagnosis	ICD-10-CM
C82.27	Follicular lymphoma grade III, unspecified, spleen	Diagnosis	ICD-10-CM
C82.28	Follicular lymphoma grade III, unspecified, lymph nodes of multiple sites	Diagnosis	ICD-10-CM
C82.29	Follicular lymphoma grade III, unspecified, extranodal and solid organ sites	Diagnosis	ICD-10-CM
C82.3	Follicular lymphoma grade IIIa	Diagnosis	ICD-10-CM
C82.30	Follicular lymphoma grade IIIa, unspecified site	Diagnosis	ICD-10-CM
C82.31	Follicular lymphoma grade IIIa, lymph nodes of head, face, and neck	Diagnosis	ICD-10-CM
C82.32	Follicular lymphoma grade IIIa, intrathoracic lymph nodes	Diagnosis	ICD-10-CM
C82.33	Follicular lymphoma grade IIIa, intra-abdominal lymph nodes	Diagnosis	ICD-10-CM
C82.34	Follicular lymphoma grade IIIa, lymph nodes of axilla and upper limb	Diagnosis	ICD-10-CM
C82.35	Follicular lymphoma grade IIIa, lymph nodes of inguinal region and lower limb	Diagnosis	ICD-10-CM
C82.36	Follicular lymphoma grade IIIa, intrapelvic lymph nodes	Diagnosis	ICD-10-CM
C82.37	Follicular lymphoma grade IIIa, spleen	Diagnosis	ICD-10-CM
C82.38	Follicular lymphoma grade IIIa, lymph nodes of multiple sites	Diagnosis	ICD-10-CM
C82.39	Follicular lymphoma grade IIIa, extranodal and solid organ sites	Diagnosis	ICD-10-CM
C82.4	Follicular lymphoma grade IIIb	Diagnosis	ICD-10-CM
C82.40	Follicular lymphoma grade IIIb, unspecified site	Diagnosis	ICD-10-CM
C82.41	Follicular lymphoma grade IIIb, lymph nodes of head, face, and neck	Diagnosis	ICD-10-CM
C82.42	Follicular lymphoma grade IIIb, intrathoracic lymph nodes	Diagnosis	ICD-10-CM
C82.43	Follicular lymphoma grade IIIb, intra-abdominal lymph nodes	Diagnosis	ICD-10-CM
C82.44	Follicular lymphoma grade IIIb, lymph nodes of axilla and upper limb	Diagnosis	ICD-10-CM

**Appendix K. List of International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes and Healthcare Common Procedure Coding System (HCPCS) Codes Used to Define Baseline Characteristics in this Request**

<b>Code</b>	<b>Description</b>	<b>Code Category</b>	<b>Code Type</b>
C82.45	Follicular lymphoma grade IIIb, lymph nodes of inguinal region and lower limb	Diagnosis	ICD-10-CM
C82.46	Follicular lymphoma grade IIIb, intrapelvic lymph nodes	Diagnosis	ICD-10-CM
C82.47	Follicular lymphoma grade IIIb, spleen	Diagnosis	ICD-10-CM
C82.48	Follicular lymphoma grade IIIb, lymph nodes of multiple sites	Diagnosis	ICD-10-CM
C82.49	Follicular lymphoma grade IIIb, extranodal and solid organ sites	Diagnosis	ICD-10-CM
C82.5	Diffuse follicle center lymphoma	Diagnosis	ICD-10-CM
C82.50	Diffuse follicle center lymphoma, unspecified site	Diagnosis	ICD-10-CM
C82.51	Diffuse follicle center lymphoma, lymph nodes of head, face, and neck	Diagnosis	ICD-10-CM
C82.52	Diffuse follicle center lymphoma, intrathoracic lymph nodes	Diagnosis	ICD-10-CM
C82.53	Diffuse follicle center lymphoma, intra-abdominal lymph nodes	Diagnosis	ICD-10-CM
C82.54	Diffuse follicle center lymphoma, lymph nodes of axilla and upper limb	Diagnosis	ICD-10-CM
C82.55	Diffuse follicle center lymphoma, lymph nodes of inguinal region and lower limb	Diagnosis	ICD-10-CM
C82.56	Diffuse follicle center lymphoma, intrapelvic lymph nodes	Diagnosis	ICD-10-CM
C82.57	Diffuse follicle center lymphoma, spleen	Diagnosis	ICD-10-CM
C82.58	Diffuse follicle center lymphoma, lymph nodes of multiple sites	Diagnosis	ICD-10-CM
C82.59	Diffuse follicle center lymphoma, extranodal and solid organ sites	Diagnosis	ICD-10-CM
C82.6	Cutaneous follicle center lymphoma	Diagnosis	ICD-10-CM
C82.60	Cutaneous follicle center lymphoma, unspecified site	Diagnosis	ICD-10-CM
C82.61	Cutaneous follicle center lymphoma, lymph nodes of head, face, and neck	Diagnosis	ICD-10-CM
C82.62	Cutaneous follicle center lymphoma, intrathoracic lymph nodes	Diagnosis	ICD-10-CM
C82.63	Cutaneous follicle center lymphoma, intra-abdominal lymph nodes	Diagnosis	ICD-10-CM
C82.64	Cutaneous follicle center lymphoma, lymph nodes of axilla and upper limb	Diagnosis	ICD-10-CM
C82.65	Cutaneous follicle center lymphoma, lymph nodes of inguinal region and lower limb	Diagnosis	ICD-10-CM
C82.66	Cutaneous follicle center lymphoma, intrapelvic lymph nodes	Diagnosis	ICD-10-CM
C82.67	Cutaneous follicle center lymphoma, spleen	Diagnosis	ICD-10-CM
C82.68	Cutaneous follicle center lymphoma, lymph nodes of multiple sites	Diagnosis	ICD-10-CM
C82.69	Cutaneous follicle center lymphoma, extranodal and solid organ sites	Diagnosis	ICD-10-CM
C82.8	Other types of follicular lymphoma	Diagnosis	ICD-10-CM
C82.80	Other types of follicular lymphoma, unspecified site	Diagnosis	ICD-10-CM
C82.81	Other types of follicular lymphoma, lymph nodes of head, face, and neck	Diagnosis	ICD-10-CM
C82.82	Other types of follicular lymphoma, intrathoracic lymph nodes	Diagnosis	ICD-10-CM
C82.83	Other types of follicular lymphoma, intra-abdominal lymph nodes	Diagnosis	ICD-10-CM
C82.84	Other types of follicular lymphoma, lymph nodes of axilla and upper limb	Diagnosis	ICD-10-CM
C82.85	Other types of follicular lymphoma, lymph nodes of inguinal region and lower limb	Diagnosis	ICD-10-CM
C82.86	Other types of follicular lymphoma, intrapelvic lymph nodes	Diagnosis	ICD-10-CM
C82.87	Other types of follicular lymphoma, spleen	Diagnosis	ICD-10-CM
C82.88	Other types of follicular lymphoma, lymph nodes of multiple sites	Diagnosis	ICD-10-CM
C82.89	Other types of follicular lymphoma, extranodal and solid organ sites	Diagnosis	ICD-10-CM
C82.9	Follicular lymphoma, unspecified	Diagnosis	ICD-10-CM
C82.90	Follicular lymphoma, unspecified, unspecified site	Diagnosis	ICD-10-CM
C82.91	Follicular lymphoma, unspecified, lymph nodes of head, face, and neck	Diagnosis	ICD-10-CM

**Appendix K. List of International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes and Healthcare Common Procedure Coding System (HCPCS) Codes Used to Define Baseline Characteristics in this Request**

<b>Code</b>	<b>Description</b>	<b>Code Category</b>	<b>Code Type</b>
C82.92	Follicular lymphoma, unspecified, intrathoracic lymph nodes	Diagnosis	ICD-10-CM
C82.93	Follicular lymphoma, unspecified, intra-abdominal lymph nodes	Diagnosis	ICD-10-CM
C82.94	Follicular lymphoma, unspecified, lymph nodes of axilla and upper limb	Diagnosis	ICD-10-CM
C82.95	Follicular lymphoma, unspecified, lymph nodes of inguinal region and lower limb	Diagnosis	ICD-10-CM
C82.96	Follicular lymphoma, unspecified, intrapelvic lymph nodes	Diagnosis	ICD-10-CM
C82.97	Follicular lymphoma, unspecified, spleen	Diagnosis	ICD-10-CM
C82.98	Follicular lymphoma, unspecified, lymph nodes of multiple sites	Diagnosis	ICD-10-CM
C82.99	Follicular lymphoma, unspecified, extranodal and solid organ sites	Diagnosis	ICD-10-CM
C83	Non-follicular lymphoma	Diagnosis	ICD-10-CM
C83.0	Small cell B-cell lymphoma	Diagnosis	ICD-10-CM
C83.00	Small cell B-cell lymphoma, unspecified site	Diagnosis	ICD-10-CM
C83.01	Small cell B-cell lymphoma, lymph nodes of head, face, and neck	Diagnosis	ICD-10-CM
C83.02	Small cell B-cell lymphoma, intrathoracic lymph nodes	Diagnosis	ICD-10-CM
C83.03	Small cell B-cell lymphoma, intra-abdominal lymph nodes	Diagnosis	ICD-10-CM
C83.04	Small cell B-cell lymphoma, lymph nodes of axilla and upper limb	Diagnosis	ICD-10-CM
C83.05	Small cell B-cell lymphoma, lymph nodes of inguinal region and lower limb	Diagnosis	ICD-10-CM
C83.06	Small cell B-cell lymphoma, intrapelvic lymph nodes	Diagnosis	ICD-10-CM
C83.07	Small cell B-cell lymphoma, spleen	Diagnosis	ICD-10-CM
C83.08	Small cell B-cell lymphoma, lymph nodes of multiple sites	Diagnosis	ICD-10-CM
C83.09	Small cell B-cell lymphoma, extranodal and solid organ sites	Diagnosis	ICD-10-CM
C83.1	Mantle cell lymphoma	Diagnosis	ICD-10-CM
C83.10	Mantle cell lymphoma, unspecified site	Diagnosis	ICD-10-CM
C83.11	Mantle cell lymphoma, lymph nodes of head, face, and neck	Diagnosis	ICD-10-CM
C83.12	Mantle cell lymphoma, intrathoracic lymph nodes	Diagnosis	ICD-10-CM
C83.13	Mantle cell lymphoma, intra-abdominal lymph nodes	Diagnosis	ICD-10-CM
C83.14	Mantle cell lymphoma, lymph nodes of axilla and upper limb	Diagnosis	ICD-10-CM
C83.15	Mantle cell lymphoma, lymph nodes of inguinal region and lower limb	Diagnosis	ICD-10-CM
C83.16	Mantle cell lymphoma, intrapelvic lymph nodes	Diagnosis	ICD-10-CM
C83.17	Mantle cell lymphoma, spleen	Diagnosis	ICD-10-CM
C83.18	Mantle cell lymphoma, lymph nodes of multiple sites	Diagnosis	ICD-10-CM
C83.19	Mantle cell lymphoma, extranodal and solid organ sites	Diagnosis	ICD-10-CM
C83.3	Diffuse large B-cell lymphoma	Diagnosis	ICD-10-CM
C83.30	Diffuse large B-cell lymphoma, unspecified site	Diagnosis	ICD-10-CM
C83.31	Diffuse large B-cell lymphoma, lymph nodes of head, face, and neck	Diagnosis	ICD-10-CM
C83.32	Diffuse large B-cell lymphoma, intrathoracic lymph nodes	Diagnosis	ICD-10-CM
C83.33	Diffuse large B-cell lymphoma, intra-abdominal lymph nodes	Diagnosis	ICD-10-CM
C83.34	Diffuse large B-cell lymphoma, lymph nodes of axilla and upper limb	Diagnosis	ICD-10-CM
C83.35	Diffuse large B-cell lymphoma, lymph nodes of inguinal region and lower limb	Diagnosis	ICD-10-CM
C83.36	Diffuse large B-cell lymphoma, intrapelvic lymph nodes	Diagnosis	ICD-10-CM
C83.37	Diffuse large B-cell lymphoma, spleen	Diagnosis	ICD-10-CM
C83.38	Diffuse large B-cell lymphoma, lymph nodes of multiple sites	Diagnosis	ICD-10-CM
C83.39	Diffuse large B-cell lymphoma, extranodal and solid organ sites	Diagnosis	ICD-10-CM
C83.5	Lymphoblastic (diffuse) lymphoma	Diagnosis	ICD-10-CM



**Appendix K. List of International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes and Healthcare Common Procedure Coding System (HCPCS) Codes Used to Define Baseline Characteristics in this Request**

<b>Code</b>	<b>Description</b>	<b>Code Category</b>	<b>Code Type</b>
C83.50	Lymphoblastic (diffuse) lymphoma, unspecified site	Diagnosis	ICD-10-CM
C83.51	Lymphoblastic (diffuse) lymphoma, lymph nodes of head, face, and neck	Diagnosis	ICD-10-CM
C83.52	Lymphoblastic (diffuse) lymphoma, intrathoracic lymph nodes	Diagnosis	ICD-10-CM
C83.53	Lymphoblastic (diffuse) lymphoma, intra-abdominal lymph nodes	Diagnosis	ICD-10-CM
C83.54	Lymphoblastic (diffuse) lymphoma, lymph nodes of axilla and upper limb	Diagnosis	ICD-10-CM
C83.55	Lymphoblastic (diffuse) lymphoma, lymph nodes of inguinal region and lower limb	Diagnosis	ICD-10-CM
C83.56	Lymphoblastic (diffuse) lymphoma, intrapelvic lymph nodes	Diagnosis	ICD-10-CM
C83.57	Lymphoblastic (diffuse) lymphoma, spleen	Diagnosis	ICD-10-CM
C83.58	Lymphoblastic (diffuse) lymphoma, lymph nodes of multiple sites	Diagnosis	ICD-10-CM
C83.59	Lymphoblastic (diffuse) lymphoma, extranodal and solid organ sites	Diagnosis	ICD-10-CM
C83.7	Burkitt lymphoma	Diagnosis	ICD-10-CM
C83.70	Burkitt lymphoma, unspecified site	Diagnosis	ICD-10-CM
C83.71	Burkitt lymphoma, lymph nodes of head, face, and neck	Diagnosis	ICD-10-CM
C83.72	Burkitt lymphoma, intrathoracic lymph nodes	Diagnosis	ICD-10-CM
C83.73	Burkitt lymphoma, intra-abdominal lymph nodes	Diagnosis	ICD-10-CM
C83.74	Burkitt lymphoma, lymph nodes of axilla and upper limb	Diagnosis	ICD-10-CM
C83.75	Burkitt lymphoma, lymph nodes of inguinal region and lower limb	Diagnosis	ICD-10-CM
C83.76	Burkitt lymphoma, intrapelvic lymph nodes	Diagnosis	ICD-10-CM
C83.77	Burkitt lymphoma, spleen	Diagnosis	ICD-10-CM
C83.78	Burkitt lymphoma, lymph nodes of multiple sites	Diagnosis	ICD-10-CM
C83.79	Burkitt lymphoma, extranodal and solid organ sites	Diagnosis	ICD-10-CM
C83.8	Other non-follicular lymphoma	Diagnosis	ICD-10-CM
C83.80	Other non-follicular lymphoma, unspecified site	Diagnosis	ICD-10-CM
C83.81	Other non-follicular lymphoma, lymph nodes of head, face, and neck	Diagnosis	ICD-10-CM
C83.82	Other non-follicular lymphoma, intrathoracic lymph nodes	Diagnosis	ICD-10-CM
C83.83	Other non-follicular lymphoma, intra-abdominal lymph nodes	Diagnosis	ICD-10-CM
C83.84	Other non-follicular lymphoma, lymph nodes of axilla and upper limb	Diagnosis	ICD-10-CM
C83.85	Other non-follicular lymphoma, lymph nodes of inguinal region and lower limb	Diagnosis	ICD-10-CM
C83.86	Other non-follicular lymphoma, intrapelvic lymph nodes	Diagnosis	ICD-10-CM
C83.87	Other non-follicular lymphoma, spleen	Diagnosis	ICD-10-CM
C83.88	Other non-follicular lymphoma, lymph nodes of multiple sites	Diagnosis	ICD-10-CM
C83.89	Other non-follicular lymphoma, extranodal and solid organ sites	Diagnosis	ICD-10-CM
C83.9	Non-follicular (diffuse) lymphoma, unspecified	Diagnosis	ICD-10-CM
C83.90	Non-follicular (diffuse) lymphoma, unspecified, unspecified site	Diagnosis	ICD-10-CM
C83.91	Non-follicular (diffuse) lymphoma, unspecified, lymph nodes of head, face, and neck	Diagnosis	ICD-10-CM
C83.92	Non-follicular (diffuse) lymphoma, unspecified, intrathoracic lymph nodes	Diagnosis	ICD-10-CM
C83.93	Non-follicular (diffuse) lymphoma, unspecified, intra-abdominal lymph nodes	Diagnosis	ICD-10-CM
C83.94	Non-follicular (diffuse) lymphoma, unspecified, lymph nodes of axilla and upper limb	Diagnosis	ICD-10-CM
C83.95	Non-follicular (diffuse) lymphoma, unspecified, lymph nodes of inguinal region and lower limb	Diagnosis	ICD-10-CM

**Appendix K. List of International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes and Healthcare Common Procedure Coding System (HCPCS) Codes Used to Define Baseline Characteristics in this Request**

<b>Code</b>	<b>Description</b>	<b>Code Category</b>	<b>Code Type</b>
C83.96	Non-follicular (diffuse) lymphoma, unspecified, intrapelvic lymph nodes	Diagnosis	ICD-10-CM
C83.97	Non-follicular (diffuse) lymphoma, unspecified, spleen	Diagnosis	ICD-10-CM
C83.98	Non-follicular (diffuse) lymphoma, unspecified, lymph nodes of multiple sites	Diagnosis	ICD-10-CM
C83.99	Non-follicular (diffuse) lymphoma, unspecified, extranodal and solid organ sites	Diagnosis	ICD-10-CM
C84	Mature T/NK-cell lymphomas	Diagnosis	ICD-10-CM
C84.0	Mycosis fungoides	Diagnosis	ICD-10-CM
C84.00	Mycosis fungoides, unspecified site	Diagnosis	ICD-10-CM
C84.01	Mycosis fungoides, lymph nodes of head, face, and neck	Diagnosis	ICD-10-CM
C84.02	Mycosis fungoides, intrathoracic lymph nodes	Diagnosis	ICD-10-CM
C84.03	Mycosis fungoides, intra-abdominal lymph nodes	Diagnosis	ICD-10-CM
C84.04	Mycosis fungoides, lymph nodes of axilla and upper limb	Diagnosis	ICD-10-CM
C84.05	Mycosis fungoides, lymph nodes of inguinal region and lower limb	Diagnosis	ICD-10-CM
C84.06	Mycosis fungoides, intrapelvic lymph nodes	Diagnosis	ICD-10-CM
C84.07	Mycosis fungoides, spleen	Diagnosis	ICD-10-CM
C84.08	Mycosis fungoides, lymph nodes of multiple sites	Diagnosis	ICD-10-CM
C84.09	Mycosis fungoides, extranodal and solid organ sites	Diagnosis	ICD-10-CM
C84.1	Sezary disease	Diagnosis	ICD-10-CM
C84.10	Sezary disease, unspecified site	Diagnosis	ICD-10-CM
C84.11	Sezary disease, lymph nodes of head, face, and neck	Diagnosis	ICD-10-CM
C84.12	Sezary disease, intrathoracic lymph nodes	Diagnosis	ICD-10-CM
C84.13	Sezary disease, intra-abdominal lymph nodes	Diagnosis	ICD-10-CM
C84.14	Sezary disease, lymph nodes of axilla and upper limb	Diagnosis	ICD-10-CM
C84.15	Sezary disease, lymph nodes of inguinal region and lower limb	Diagnosis	ICD-10-CM
C84.16	Sezary disease, intrapelvic lymph nodes	Diagnosis	ICD-10-CM
C84.17	Sezary disease, spleen	Diagnosis	ICD-10-CM
C84.18	Sezary disease, lymph nodes of multiple sites	Diagnosis	ICD-10-CM
C84.19	Sezary disease, extranodal and solid organ sites	Diagnosis	ICD-10-CM
C84.4	Peripheral T-cell lymphoma, not classified	Diagnosis	ICD-10-CM
C84.40	Peripheral T-cell lymphoma, not classified, unspecified site	Diagnosis	ICD-10-CM
C84.41	Peripheral T-cell lymphoma, not classified, lymph nodes of head, face, and neck	Diagnosis	ICD-10-CM
C84.42	Peripheral T-cell lymphoma, not classified, intrathoracic lymph nodes	Diagnosis	ICD-10-CM
C84.43	Peripheral T-cell lymphoma, not classified, intra-abdominal lymph nodes	Diagnosis	ICD-10-CM
C84.44	Peripheral T-cell lymphoma, not classified, lymph nodes of axilla and upper limb	Diagnosis	ICD-10-CM
C84.45	Peripheral T-cell lymphoma, not classified, lymph nodes of inguinal region and lower limb	Diagnosis	ICD-10-CM
C84.46	Peripheral T-cell lymphoma, not classified, intrapelvic lymph nodes	Diagnosis	ICD-10-CM
C84.47	Peripheral T-cell lymphoma, not classified, spleen	Diagnosis	ICD-10-CM
C84.48	Peripheral T-cell lymphoma, not classified, lymph nodes of multiple sites	Diagnosis	ICD-10-CM
C84.49	Peripheral T-cell lymphoma, not classified, extranodal and solid organ sites	Diagnosis	ICD-10-CM
C84.6	Anaplastic large cell lymphoma, ALK-positive	Diagnosis	ICD-10-CM
C84.60	Anaplastic large cell lymphoma, ALK-positive, unspecified site	Diagnosis	ICD-10-CM



**Appendix K. List of International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes and Healthcare Common Procedure Coding System (HCPCS) Codes Used to Define Baseline Characteristics in this Request**

<b>Code</b>	<b>Description</b>	<b>Code Category</b>	<b>Code Type</b>
C84.61	Anaplastic large cell lymphoma, ALK-positive, lymph nodes of head, face, and neck	Diagnosis	ICD-10-CM
C84.62	Anaplastic large cell lymphoma, ALK-positive, intrathoracic lymph nodes	Diagnosis	ICD-10-CM
C84.63	Anaplastic large cell lymphoma, ALK-positive, intra-abdominal lymph nodes	Diagnosis	ICD-10-CM
C84.64	Anaplastic large cell lymphoma, ALK-positive, lymph nodes of axilla and upper limb	Diagnosis	ICD-10-CM
C84.65	Anaplastic large cell lymphoma, ALK-positive, lymph nodes of inguinal region and lower limb	Diagnosis	ICD-10-CM
C84.66	Anaplastic large cell lymphoma, ALK-positive, intrapelvic lymph nodes	Diagnosis	ICD-10-CM
C84.67	Anaplastic large cell lymphoma, ALK-positive, spleen	Diagnosis	ICD-10-CM
C84.68	Anaplastic large cell lymphoma, ALK-positive, lymph nodes of multiple sites	Diagnosis	ICD-10-CM
C84.69	Anaplastic large cell lymphoma, ALK-positive, extranodal and solid organ sites	Diagnosis	ICD-10-CM
C84.7	Anaplastic large cell lymphoma, ALK-negative	Diagnosis	ICD-10-CM
C84.70	Anaplastic large cell lymphoma, ALK-negative, unspecified site	Diagnosis	ICD-10-CM
C84.71	Anaplastic large cell lymphoma, ALK-negative, lymph nodes of head, face, and neck	Diagnosis	ICD-10-CM
C84.72	Anaplastic large cell lymphoma, ALK-negative, intrathoracic lymph nodes	Diagnosis	ICD-10-CM
C84.73	Anaplastic large cell lymphoma, ALK-negative, intra-abdominal lymph nodes	Diagnosis	ICD-10-CM
C84.74	Anaplastic large cell lymphoma, ALK-negative, lymph nodes of axilla and upper limb	Diagnosis	ICD-10-CM
C84.75	Anaplastic large cell lymphoma, ALK-negative, lymph nodes of inguinal region and lower limb	Diagnosis	ICD-10-CM
C84.76	Anaplastic large cell lymphoma, ALK-negative, intrapelvic lymph nodes	Diagnosis	ICD-10-CM
C84.77	Anaplastic large cell lymphoma, ALK-negative, spleen	Diagnosis	ICD-10-CM
C84.78	Anaplastic large cell lymphoma, ALK-negative, lymph nodes of multiple sites	Diagnosis	ICD-10-CM
C84.79	Anaplastic large cell lymphoma, ALK-negative, extranodal and solid organ sites	Diagnosis	ICD-10-CM
C84.9	Mature T/NK-cell lymphomas, unspecified	Diagnosis	ICD-10-CM
C84.90	Mature T/NK-cell lymphomas, unspecified, unspecified site	Diagnosis	ICD-10-CM
C84.91	Mature T/NK-cell lymphomas, unspecified, lymph nodes of head, face, and neck	Diagnosis	ICD-10-CM
C84.92	Mature T/NK-cell lymphomas, unspecified, intrathoracic lymph nodes	Diagnosis	ICD-10-CM
C84.93	Mature T/NK-cell lymphomas, unspecified, intra-abdominal lymph nodes	Diagnosis	ICD-10-CM
C84.94	Mature T/NK-cell lymphomas, unspecified, lymph nodes of axilla and upper limb	Diagnosis	ICD-10-CM
C84.95	Mature T/NK-cell lymphomas, unspecified, lymph nodes of inguinal region and lower limb	Diagnosis	ICD-10-CM
C84.96	Mature T/NK-cell lymphomas, unspecified, intrapelvic lymph nodes	Diagnosis	ICD-10-CM
C84.97	Mature T/NK-cell lymphomas, unspecified, spleen	Diagnosis	ICD-10-CM
C84.98	Mature T/NK-cell lymphomas, unspecified, lymph nodes of multiple sites	Diagnosis	ICD-10-CM
C84.99	Mature T/NK-cell lymphomas, unspecified, extranodal and solid organ sites	Diagnosis	ICD-10-CM
C84.A	Cutaneous T-cell lymphoma, unspecified	Diagnosis	ICD-10-CM
C84.A0	Cutaneous T-cell lymphoma, unspecified, unspecified site	Diagnosis	ICD-10-CM
C84.A1	Cutaneous T-cell lymphoma, unspecified lymph nodes of head, face, and neck	Diagnosis	ICD-10-CM
C84.A2	Cutaneous T-cell lymphoma, unspecified, intrathoracic lymph nodes	Diagnosis	ICD-10-CM

**Appendix K. List of International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes and Healthcare Common Procedure Coding System (HCPCS) Codes Used to Define Baseline Characteristics in this Request**

<b>Code</b>	<b>Description</b>	<b>Code Category</b>	<b>Code Type</b>
C84.A3	Cutaneous T-cell lymphoma, unspecified, intra-abdominal lymph nodes	Diagnosis	ICD-10-CM
C84.A4	Cutaneous T-cell lymphoma, unspecified, lymph nodes of axilla and upper limb	Diagnosis	ICD-10-CM
C84.A5	Cutaneous T-cell lymphoma, unspecified, lymph nodes of inguinal region and lower limb	Diagnosis	ICD-10-CM
C84.A6	Cutaneous T-cell lymphoma, unspecified, intrapelvic lymph nodes	Diagnosis	ICD-10-CM
C84.A7	Cutaneous T-cell lymphoma, unspecified, spleen	Diagnosis	ICD-10-CM
C84.A8	Cutaneous T-cell lymphoma, unspecified, lymph nodes of multiple sites	Diagnosis	ICD-10-CM
C84.A9	Cutaneous T-cell lymphoma, unspecified, extranodal and solid organ sites	Diagnosis	ICD-10-CM
C84.Z	Other mature T/NK-cell lymphomas	Diagnosis	ICD-10-CM
C84.Z0	Other mature T/NK-cell lymphomas, unspecified site	Diagnosis	ICD-10-CM
C84.Z1	Other mature T/NK-cell lymphomas, lymph nodes of head, face, and neck	Diagnosis	ICD-10-CM
C84.Z2	Other mature T/NK-cell lymphomas, intrathoracic lymph nodes	Diagnosis	ICD-10-CM
C84.Z3	Other mature T/NK-cell lymphomas, intra-abdominal lymph nodes	Diagnosis	ICD-10-CM
C84.Z4	Other mature T/NK-cell lymphomas, lymph nodes of axilla and upper limb	Diagnosis	ICD-10-CM
C84.Z5	Other mature T/NK-cell lymphomas, lymph nodes of inguinal region and lower limb	Diagnosis	ICD-10-CM
C84.Z6	Other mature T/NK-cell lymphomas, intrapelvic lymph nodes	Diagnosis	ICD-10-CM
C84.Z7	Other mature T/NK-cell lymphomas, spleen	Diagnosis	ICD-10-CM
C84.Z8	Other mature T/NK-cell lymphomas, lymph nodes of multiple sites	Diagnosis	ICD-10-CM
C84.Z9	Other mature T/NK-cell lymphomas, extranodal and solid organ sites	Diagnosis	ICD-10-CM
C85	Other specified and unspecified types of non-Hodgkin lymphoma	Diagnosis	ICD-10-CM
C85.1	Unspecified B-cell lymphoma	Diagnosis	ICD-10-CM
C85.10	Unspecified B-cell lymphoma, unspecified site	Diagnosis	ICD-10-CM
C85.11	Unspecified B-cell lymphoma, lymph nodes of head, face, and neck	Diagnosis	ICD-10-CM
C85.12	Unspecified B-cell lymphoma, intrathoracic lymph nodes	Diagnosis	ICD-10-CM
C85.13	Unspecified B-cell lymphoma, intra-abdominal lymph nodes	Diagnosis	ICD-10-CM
C85.14	Unspecified B-cell lymphoma, lymph nodes of axilla and upper limb	Diagnosis	ICD-10-CM
C85.15	Unspecified B-cell lymphoma, lymph nodes of inguinal region and lower limb	Diagnosis	ICD-10-CM
C85.16	Unspecified B-cell lymphoma, intrapelvic lymph nodes	Diagnosis	ICD-10-CM
C85.17	Unspecified B-cell lymphoma, spleen	Diagnosis	ICD-10-CM
C85.18	Unspecified B-cell lymphoma, lymph nodes of multiple sites	Diagnosis	ICD-10-CM
C85.19	Unspecified B-cell lymphoma, extranodal and solid organ sites	Diagnosis	ICD-10-CM
C85.2	Mediastinal (thymic) large B-cell lymphoma	Diagnosis	ICD-10-CM
C85.20	Mediastinal (thymic) large B-cell lymphoma, unspecified site	Diagnosis	ICD-10-CM
C85.21	Mediastinal (thymic) large B-cell lymphoma, lymph nodes of head, face, and neck	Diagnosis	ICD-10-CM
C85.22	Mediastinal (thymic) large B-cell lymphoma, intrathoracic lymph nodes	Diagnosis	ICD-10-CM
C85.23	Mediastinal (thymic) large B-cell lymphoma, intra-abdominal lymph nodes	Diagnosis	ICD-10-CM
C85.24	Mediastinal (thymic) large B-cell lymphoma, lymph nodes of axilla and upper limb	Diagnosis	ICD-10-CM
C85.25	Mediastinal (thymic) large B-cell lymphoma, lymph nodes of inguinal region and lower limb	Diagnosis	ICD-10-CM
C85.26	Mediastinal (thymic) large B-cell lymphoma, intrapelvic lymph nodes	Diagnosis	ICD-10-CM
C85.27	Mediastinal (thymic) large B-cell lymphoma, spleen	Diagnosis	ICD-10-CM

**Appendix K. List of International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes and Healthcare Common Procedure Coding System (HCPCS) Codes Used to Define Baseline Characteristics in this Request**

<b>Code</b>	<b>Description</b>	<b>Code Category</b>	<b>Code Type</b>
C85.28	Mediastinal (thymic) large B-cell lymphoma, lymph nodes of multiple sites	Diagnosis	ICD-10-CM
C85.29	Mediastinal (thymic) large B-cell lymphoma, extranodal and solid organ sites	Diagnosis	ICD-10-CM
C85.8	Other specified types of non-Hodgkin lymphoma	Diagnosis	ICD-10-CM
C85.80	Other specified types of non-Hodgkin lymphoma, unspecified site	Diagnosis	ICD-10-CM
C85.81	Other specified types of non-Hodgkin lymphoma, lymph nodes of head, face, and neck	Diagnosis	ICD-10-CM
C85.82	Other specified types of non-Hodgkin lymphoma, intrathoracic lymph nodes	Diagnosis	ICD-10-CM
C85.83	Other specified types of non-Hodgkin lymphoma, intra-abdominal lymph nodes	Diagnosis	ICD-10-CM
C85.84	Other specified types of non-Hodgkin lymphoma, lymph nodes of axilla and upper limb	Diagnosis	ICD-10-CM
C85.85	Other specified types of non-Hodgkin lymphoma, lymph nodes of inguinal region and lower limb	Diagnosis	ICD-10-CM
C85.86	Other specified types of non-Hodgkin lymphoma, intrapelvic lymph nodes	Diagnosis	ICD-10-CM
C85.87	Other specified types of non-Hodgkin lymphoma, spleen	Diagnosis	ICD-10-CM
C85.88	Other specified types of non-Hodgkin lymphoma, lymph nodes of multiple sites	Diagnosis	ICD-10-CM
C85.89	Other specified types of non-Hodgkin lymphoma, extranodal and solid organ sites	Diagnosis	ICD-10-CM
C85.9	Non-Hodgkin lymphoma, unspecified	Diagnosis	ICD-10-CM
C85.90	Non-Hodgkin lymphoma, unspecified, unspecified site	Diagnosis	ICD-10-CM
C85.91	Non-Hodgkin lymphoma, unspecified, lymph nodes of head, face, and neck	Diagnosis	ICD-10-CM
C85.92	Non-Hodgkin lymphoma, unspecified, intrathoracic lymph nodes	Diagnosis	ICD-10-CM
C85.93	Non-Hodgkin lymphoma, unspecified, intra-abdominal lymph nodes	Diagnosis	ICD-10-CM
C85.94	Non-Hodgkin lymphoma, unspecified, lymph nodes of axilla and upper limb	Diagnosis	ICD-10-CM
C85.95	Non-Hodgkin lymphoma, unspecified, lymph nodes of inguinal region and lower limb	Diagnosis	ICD-10-CM
C85.96	Non-Hodgkin lymphoma, unspecified, intrapelvic lymph nodes	Diagnosis	ICD-10-CM
C85.97	Non-Hodgkin lymphoma, unspecified, spleen	Diagnosis	ICD-10-CM
C85.98	Non-Hodgkin lymphoma, unspecified, lymph nodes of multiple sites	Diagnosis	ICD-10-CM
C85.99	Non-Hodgkin lymphoma, unspecified, extranodal and solid organ sites	Diagnosis	ICD-10-CM
C86	Other specified types of T/NK-cell lymphoma	Diagnosis	ICD-10-CM
C86.0	Extranodal NK/T-cell lymphoma, nasal type	Diagnosis	ICD-10-CM
C86.1	Hepatosplenic T-cell lymphoma	Diagnosis	ICD-10-CM
C86.2	Enteropathy-type (intestinal) T-cell lymphoma	Diagnosis	ICD-10-CM
C86.3	Subcutaneous panniculitis-like T-cell lymphoma	Diagnosis	ICD-10-CM
C86.4	Blastic NK-cell lymphoma	Diagnosis	ICD-10-CM
C86.5	Angioimmunoblastic T-cell lymphoma	Diagnosis	ICD-10-CM
C86.6	Primary cutaneous CD30-positive T-cell proliferations	Diagnosis	ICD-10-CM
C88	Malignant immunoproliferative diseases and certain other B-cell lymphomas	Diagnosis	ICD-10-CM
C88.0	Waldenstrom macroglobulinemia	Diagnosis	ICD-10-CM
C88.2	Heavy chain disease	Diagnosis	ICD-10-CM
C88.3	Immunoproliferative small intestinal disease	Diagnosis	ICD-10-CM

**Appendix K. List of International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes and Healthcare Common Procedure Coding System (HCPCS) Codes Used to Define Baseline Characteristics in this Request**

<b>Code</b>	<b>Description</b>	<b>Code Category</b>	<b>Code Type</b>
C88.4	Extranodal marginal zone B-cell lymphoma of mucosa-associated lymphoid tissue [MALT-lymphoma]	Diagnosis	ICD-10-CM
C88.8	Other malignant immunoproliferative diseases	Diagnosis	ICD-10-CM
C88.9	Malignant immunoproliferative disease, unspecified	Diagnosis	ICD-10-CM
C90	Multiple myeloma and malignant plasma cell neoplasms	Diagnosis	ICD-10-CM
C90.0	Multiple myeloma	Diagnosis	ICD-10-CM
C90.00	Multiple myeloma not having achieved remission	Diagnosis	ICD-10-CM
C90.01	Multiple myeloma in remission	Diagnosis	ICD-10-CM
C90.02	Multiple myeloma in relapse	Diagnosis	ICD-10-CM
C90.1	Plasma cell leukemia	Diagnosis	ICD-10-CM
C90.10	Plasma cell leukemia not having achieved remission	Diagnosis	ICD-10-CM
C90.11	Plasma cell leukemia in remission	Diagnosis	ICD-10-CM
C90.12	Plasma cell leukemia in relapse	Diagnosis	ICD-10-CM
C90.2	Extramedullary plasmacytoma	Diagnosis	ICD-10-CM
C90.20	Extramedullary plasmacytoma not having achieved remission	Diagnosis	ICD-10-CM
C90.21	Extramedullary plasmacytoma in remission	Diagnosis	ICD-10-CM
C90.22	Extramedullary plasmacytoma in relapse	Diagnosis	ICD-10-CM
C90.3	Solitary plasmacytoma	Diagnosis	ICD-10-CM
C90.30	Solitary plasmacytoma not having achieved remission	Diagnosis	ICD-10-CM
C90.31	Solitary plasmacytoma in remission	Diagnosis	ICD-10-CM
C90.32	Solitary plasmacytoma in relapse	Diagnosis	ICD-10-CM
C91	Lymphoid leukemia	Diagnosis	ICD-10-CM
C91.0	Acute lymphoblastic leukemia [ALL]	Diagnosis	ICD-10-CM
C91.00	Acute lymphoblastic leukemia not having achieved remission	Diagnosis	ICD-10-CM
C91.01	Acute lymphoblastic leukemia, in remission	Diagnosis	ICD-10-CM
C91.02	Acute lymphoblastic leukemia, in relapse	Diagnosis	ICD-10-CM
C91.1	Chronic lymphocytic leukemia of B-cell type	Diagnosis	ICD-10-CM
C91.10	Chronic lymphocytic leukemia of B-cell type not having achieved remission	Diagnosis	ICD-10-CM
C91.11	Chronic lymphocytic leukemia of B-cell type in remission	Diagnosis	ICD-10-CM
C91.12	Chronic lymphocytic leukemia of B-cell type in relapse	Diagnosis	ICD-10-CM
C91.3	Prolymphocytic leukemia of B-cell type	Diagnosis	ICD-10-CM
C91.30	Prolymphocytic leukemia of B-cell type not having achieved remission	Diagnosis	ICD-10-CM
C91.31	Prolymphocytic leukemia of B-cell type, in remission	Diagnosis	ICD-10-CM
C91.32	Prolymphocytic leukemia of B-cell type, in relapse	Diagnosis	ICD-10-CM
C91.4	Hairy cell leukemia	Diagnosis	ICD-10-CM
C91.40	Hairy cell leukemia not having achieved remission	Diagnosis	ICD-10-CM
C91.41	Hairy cell leukemia, in remission	Diagnosis	ICD-10-CM
C91.42	Hairy cell leukemia, in relapse	Diagnosis	ICD-10-CM
C91.5	Adult T-cell lymphoma/leukemia (HTLV-1-associated)	Diagnosis	ICD-10-CM
C91.50	Adult T-cell lymphoma/leukemia (HTLV-1-associated) not having achieved remission	Diagnosis	ICD-10-CM
C91.51	Adult T-cell lymphoma/leukemia (HTLV-1-associated), in remission	Diagnosis	ICD-10-CM
C91.52	Adult T-cell lymphoma/leukemia (HTLV-1-associated), in relapse	Diagnosis	ICD-10-CM
C91.6	Prolymphocytic leukemia of T-cell type	Diagnosis	ICD-10-CM

**Appendix K. List of International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes and Healthcare Common Procedure Coding System (HCPCS) Codes Used to Define Baseline Characteristics in this Request**

<b>Code</b>	<b>Description</b>	<b>Code Category</b>	<b>Code Type</b>
C91.60	Prolymphocytic leukemia of T-cell type not having achieved remission	Diagnosis	ICD-10-CM
C91.61	Prolymphocytic leukemia of T-cell type, in remission	Diagnosis	ICD-10-CM
C91.62	Prolymphocytic leukemia of T-cell type, in relapse	Diagnosis	ICD-10-CM
C91.9	Lymphoid leukemia, unspecified	Diagnosis	ICD-10-CM
C91.90	Lymphoid leukemia, unspecified not having achieved remission	Diagnosis	ICD-10-CM
C91.91	Lymphoid leukemia, unspecified, in remission	Diagnosis	ICD-10-CM
C91.92	Lymphoid leukemia, unspecified, in relapse	Diagnosis	ICD-10-CM
C91.A	Mature B-cell leukemia Burkitt-type	Diagnosis	ICD-10-CM
C91.A0	Mature B-cell leukemia Burkitt-type not having achieved remission	Diagnosis	ICD-10-CM
C91.A1	Mature B-cell leukemia Burkitt-type, in remission	Diagnosis	ICD-10-CM
C91.A2	Mature B-cell leukemia Burkitt-type, in relapse	Diagnosis	ICD-10-CM
C91.Z	Other lymphoid leukemia	Diagnosis	ICD-10-CM
C91.Z0	Other lymphoid leukemia not having achieved remission	Diagnosis	ICD-10-CM
C91.Z1	Other lymphoid leukemia, in remission	Diagnosis	ICD-10-CM
C91.Z2	Other lymphoid leukemia, in relapse	Diagnosis	ICD-10-CM
C92	Myeloid leukemia	Diagnosis	ICD-10-CM
C92.0	Acute myeloblastic leukemia	Diagnosis	ICD-10-CM
C92.00	Acute myeloblastic leukemia, not having achieved remission	Diagnosis	ICD-10-CM
C92.01	Acute myeloblastic leukemia, in remission	Diagnosis	ICD-10-CM
C92.02	Acute myeloblastic leukemia, in relapse	Diagnosis	ICD-10-CM
C92.1	Chronic myeloid leukemia, BCR/ABL-positive	Diagnosis	ICD-10-CM
C92.10	Chronic myeloid leukemia, BCR/ABL-positive, not having achieved remission	Diagnosis	ICD-10-CM
C92.11	Chronic myeloid leukemia, BCR/ABL-positive, in remission	Diagnosis	ICD-10-CM
C92.12	Chronic myeloid leukemia, BCR/ABL-positive, in relapse	Diagnosis	ICD-10-CM
C92.2	Atypical chronic myeloid leukemia, BCR/ABL-negative	Diagnosis	ICD-10-CM
C92.20	Atypical chronic myeloid leukemia, BCR/ABL-negative, not having achieved remission	Diagnosis	ICD-10-CM
C92.21	Atypical chronic myeloid leukemia, BCR/ABL-negative, in remission	Diagnosis	ICD-10-CM
C92.22	Atypical chronic myeloid leukemia, BCR/ABL-negative, in relapse	Diagnosis	ICD-10-CM
C92.3	Myeloid sarcoma	Diagnosis	ICD-10-CM
C92.30	Myeloid sarcoma, not having achieved remission	Diagnosis	ICD-10-CM
C92.31	Myeloid sarcoma, in remission	Diagnosis	ICD-10-CM
C92.32	Myeloid sarcoma, in relapse	Diagnosis	ICD-10-CM
C92.4	Acute promyelocytic leukemia	Diagnosis	ICD-10-CM
C92.40	Acute promyelocytic leukemia, not having achieved remission	Diagnosis	ICD-10-CM
C92.41	Acute promyelocytic leukemia, in remission	Diagnosis	ICD-10-CM
C92.42	Acute promyelocytic leukemia, in relapse	Diagnosis	ICD-10-CM
C92.5	Acute myelomonocytic leukemia	Diagnosis	ICD-10-CM
C92.50	Acute myelomonocytic leukemia, not having achieved remission	Diagnosis	ICD-10-CM
C92.51	Acute myelomonocytic leukemia, in remission	Diagnosis	ICD-10-CM
C92.52	Acute myelomonocytic leukemia, in relapse	Diagnosis	ICD-10-CM
C92.6	Acute myeloid leukemia with 11q23-abnormality	Diagnosis	ICD-10-CM
C92.60	Acute myeloid leukemia with 11q23-abnormality not having achieved remission	Diagnosis	ICD-10-CM

**Appendix K. List of International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes and Healthcare Common Procedure Coding System (HCPCS) Codes Used to Define Baseline Characteristics in this Request**

<b>Code</b>	<b>Description</b>	<b>Code Category</b>	<b>Code Type</b>
C92.61	Acute myeloid leukemia with 11q23-abnormality in remission	Diagnosis	ICD-10-CM
C92.62	Acute myeloid leukemia with 11q23-abnormality in relapse	Diagnosis	ICD-10-CM
C92.9	Myeloid leukemia, unspecified	Diagnosis	ICD-10-CM
C92.90	Myeloid leukemia, unspecified, not having achieved remission	Diagnosis	ICD-10-CM
C92.91	Myeloid leukemia, unspecified in remission	Diagnosis	ICD-10-CM
C92.92	Myeloid leukemia, unspecified in relapse	Diagnosis	ICD-10-CM
C92.A	Acute myeloid leukemia with multilineage dysplasia	Diagnosis	ICD-10-CM
C92.A0	Acute myeloid leukemia with multilineage dysplasia, not having achieved remission	Diagnosis	ICD-10-CM
C92.A1	Acute myeloid leukemia with multilineage dysplasia, in remission	Diagnosis	ICD-10-CM
C92.A2	Acute myeloid leukemia with multilineage dysplasia, in relapse	Diagnosis	ICD-10-CM
C92.Z	Other myeloid leukemia	Diagnosis	ICD-10-CM
C92.Z0	Other myeloid leukemia not having achieved remission	Diagnosis	ICD-10-CM
C92.Z1	Other myeloid leukemia, in remission	Diagnosis	ICD-10-CM
C92.Z2	Other myeloid leukemia, in relapse	Diagnosis	ICD-10-CM
C93	Monocytic leukemia	Diagnosis	ICD-10-CM
C93.0	Acute monoblastic/monocytic leukemia	Diagnosis	ICD-10-CM
C93.00	Acute monoblastic/monocytic leukemia, not having achieved remission	Diagnosis	ICD-10-CM
C93.01	Acute monoblastic/monocytic leukemia, in remission	Diagnosis	ICD-10-CM
C93.02	Acute monoblastic/monocytic leukemia, in relapse	Diagnosis	ICD-10-CM
C93.1	Chronic myelomonocytic leukemia	Diagnosis	ICD-10-CM
C93.10	Chronic myelomonocytic leukemia not having achieved remission	Diagnosis	ICD-10-CM
C93.11	Chronic myelomonocytic leukemia, in remission	Diagnosis	ICD-10-CM
C93.12	Chronic myelomonocytic leukemia, in relapse	Diagnosis	ICD-10-CM
C93.3	Juvenile myelomonocytic leukemia	Diagnosis	ICD-10-CM
C93.30	Juvenile myelomonocytic leukemia, not having achieved remission	Diagnosis	ICD-10-CM
C93.31	Juvenile myelomonocytic leukemia, in remission	Diagnosis	ICD-10-CM
C93.32	Juvenile myelomonocytic leukemia, in relapse	Diagnosis	ICD-10-CM
C93.9	Monocytic leukemia, unspecified	Diagnosis	ICD-10-CM
C93.90	Monocytic leukemia, unspecified, not having achieved remission	Diagnosis	ICD-10-CM
C93.91	Monocytic leukemia, unspecified in remission	Diagnosis	ICD-10-CM
C93.92	Monocytic leukemia, unspecified in relapse	Diagnosis	ICD-10-CM
C93.Z	Other monocytic leukemia	Diagnosis	ICD-10-CM
C93.Z0	Other monocytic leukemia, not having achieved remission	Diagnosis	ICD-10-CM
C93.Z1	Other monocytic leukemia, in remission	Diagnosis	ICD-10-CM
C93.Z2	Other monocytic leukemia, in relapse	Diagnosis	ICD-10-CM
C94	Other leukemias of specified cell type	Diagnosis	ICD-10-CM
C94.0	Acute erythroid leukemia	Diagnosis	ICD-10-CM
C94.00	Acute erythroid leukemia, not having achieved remission	Diagnosis	ICD-10-CM
C94.01	Acute erythroid leukemia, in remission	Diagnosis	ICD-10-CM
C94.02	Acute erythroid leukemia, in relapse	Diagnosis	ICD-10-CM
C94.2	Acute megakaryoblastic leukemia	Diagnosis	ICD-10-CM
C94.20	Acute megakaryoblastic leukemia not having achieved remission	Diagnosis	ICD-10-CM
C94.21	Acute megakaryoblastic leukemia, in remission	Diagnosis	ICD-10-CM



**Appendix K. List of International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes and Healthcare Common Procedure Coding System (HCPCS) Codes Used to Define Baseline Characteristics in this Request**

<b>Code</b>	<b>Description</b>	<b>Code Category</b>	<b>Code Type</b>
C94.22	Acute megakaryoblastic leukemia, in relapse	Diagnosis	ICD-10-CM
C94.3	Mast cell leukemia	Diagnosis	ICD-10-CM
C94.30	Mast cell leukemia not having achieved remission	Diagnosis	ICD-10-CM
C94.31	Mast cell leukemia, in remission	Diagnosis	ICD-10-CM
C94.32	Mast cell leukemia, in relapse	Diagnosis	ICD-10-CM
C94.4	Acute panmyelosis with myelofibrosis	Diagnosis	ICD-10-CM
C94.40	Acute panmyelosis with myelofibrosis not having achieved remission	Diagnosis	ICD-10-CM
C94.41	Acute panmyelosis with myelofibrosis, in remission	Diagnosis	ICD-10-CM
C94.42	Acute panmyelosis with myelofibrosis, in relapse	Diagnosis	ICD-10-CM
C94.6	Myelodysplastic disease, not classified	Diagnosis	ICD-10-CM
C94.8	Other specified leukemias	Diagnosis	ICD-10-CM
C94.80	Other specified leukemias not having achieved remission	Diagnosis	ICD-10-CM
C94.81	Other specified leukemias, in remission	Diagnosis	ICD-10-CM
C94.82	Other specified leukemias, in relapse	Diagnosis	ICD-10-CM
C95	Leukemia of unspecified cell type	Diagnosis	ICD-10-CM
C95.0	Acute leukemia of unspecified cell type	Diagnosis	ICD-10-CM
C95.00	Acute leukemia of unspecified cell type not having achieved remission	Diagnosis	ICD-10-CM
C95.01	Acute leukemia of unspecified cell type, in remission	Diagnosis	ICD-10-CM
C95.02	Acute leukemia of unspecified cell type, in relapse	Diagnosis	ICD-10-CM
C95.1	Chronic leukemia of unspecified cell type	Diagnosis	ICD-10-CM
C95.10	Chronic leukemia of unspecified cell type not having achieved remission	Diagnosis	ICD-10-CM
C95.11	Chronic leukemia of unspecified cell type, in remission	Diagnosis	ICD-10-CM
C95.12	Chronic leukemia of unspecified cell type, in relapse	Diagnosis	ICD-10-CM
C95.9	Leukemia, unspecified	Diagnosis	ICD-10-CM
C95.90	Leukemia, unspecified not having achieved remission	Diagnosis	ICD-10-CM
C95.91	Leukemia, unspecified, in remission	Diagnosis	ICD-10-CM
C95.92	Leukemia, unspecified, in relapse	Diagnosis	ICD-10-CM
C96	Other and unspecified malignant neoplasms of lymphoid, hematopoietic and related tissue	Diagnosis	ICD-10-CM
C96.0	Multifocal and multisystemic (disseminated) Langerhans-cell histiocytosis	Diagnosis	ICD-10-CM
C96.2	Malignant mast cell neoplasm	Diagnosis	ICD-10-CM
C96.20	Malignant mast cell neoplasm, unspecified	Diagnosis	ICD-10-CM
C96.21	Aggressive systemic mastocytosis	Diagnosis	ICD-10-CM
C96.22	Mast cell sarcoma	Diagnosis	ICD-10-CM
C96.29	Other malignant mast cell neoplasm	Diagnosis	ICD-10-CM
C96.4	Sarcoma of dendritic cells (accessory cells)	Diagnosis	ICD-10-CM
C96.5	Multifocal and unisystemic Langerhans-cell histiocytosis	Diagnosis	ICD-10-CM
C96.6	Unifocal Langerhans-cell histiocytosis	Diagnosis	ICD-10-CM
C96.9	Malignant neoplasm of lymphoid, hematopoietic and related tissue, unspecified	Diagnosis	ICD-10-CM
C96.A	Histiocytic sarcoma	Diagnosis	ICD-10-CM
C96.Z	Other specified malignant neoplasms of lymphoid, hematopoietic and related tissue	Diagnosis	ICD-10-CM
D03.0	Melanoma in situ of lip	Diagnosis	ICD-10-CM

**Appendix K. List of International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes and Healthcare Common Procedure Coding System (HCPCS) Codes Used to Define Baseline Characteristics in this Request**

<b>Code</b>	<b>Description</b>	<b>Code Category</b>	<b>Code Type</b>
D03.10	Melanoma in situ of unspecified eyelid, including canthus	Diagnosis	ICD-10-CM
D03.11	Melanoma in situ of right eyelid, including canthus	Diagnosis	ICD-10-CM
D03.12	Melanoma in situ of left eyelid, including canthus	Diagnosis	ICD-10-CM
D03.20	Melanoma in situ of unspecified ear and external auricular canal	Diagnosis	ICD-10-CM
D03.21	Melanoma in situ of right ear and external auricular canal	Diagnosis	ICD-10-CM
D03.22	Melanoma in situ of left ear and external auricular canal	Diagnosis	ICD-10-CM
D03.30	Melanoma in situ of unspecified part of face	Diagnosis	ICD-10-CM
D03.39	Melanoma in situ of other parts of face	Diagnosis	ICD-10-CM
D03.4	Melanoma in situ of scalp and neck	Diagnosis	ICD-10-CM
D03.51	Melanoma in situ of anal skin	Diagnosis	ICD-10-CM
D03.52	Melanoma in situ of breast (skin) (soft tissue)	Diagnosis	ICD-10-CM
D03.59	Melanoma in situ of other part of trunk	Diagnosis	ICD-10-CM
D03.60	Melanoma in situ of unspecified upper limb, including shoulder	Diagnosis	ICD-10-CM
D03.61	Melanoma in situ of right upper limb, including shoulder	Diagnosis	ICD-10-CM
D03.62	Melanoma in situ of left upper limb, including shoulder	Diagnosis	ICD-10-CM
D03.70	Melanoma in situ of unspecified lower limb, including hip	Diagnosis	ICD-10-CM
D03.71	Melanoma in situ of right lower limb, including hip	Diagnosis	ICD-10-CM
D03.72	Melanoma in situ of left lower limb, including hip	Diagnosis	ICD-10-CM
D03.8	Melanoma in situ of other sites	Diagnosis	ICD-10-CM
D03.9	Melanoma in situ, unspecified	Diagnosis	ICD-10-CM
D45	Polycythemia vera	Diagnosis	ICD-10-CM
O9A.1	Malignant neoplasm complicating pregnancy, childbirth and the puerperium	Diagnosis	ICD-10-CM
O9A.11	Malignant neoplasm complicating pregnancy	Diagnosis	ICD-10-CM
O9A.111	Malignant neoplasm complicating pregnancy, first trimester	Diagnosis	ICD-10-CM
O9A.112	Malignant neoplasm complicating pregnancy, second trimester	Diagnosis	ICD-10-CM
O9A.113	Malignant neoplasm complicating pregnancy, third trimester	Diagnosis	ICD-10-CM
O9A.119	Malignant neoplasm complicating pregnancy, unspecified trimester	Diagnosis	ICD-10-CM
O9A.12	Malignant neoplasm complicating childbirth	Diagnosis	ICD-10-CM
O9A.13	Malignant neoplasm complicating the puerperium	Diagnosis	ICD-10-CM
R97.21	Rising PSA following treatment for malignant neoplasm of prostate	Diagnosis	ICD-10-CM
D47.3	Essential (hemorrhagic) thrombocythemia	Diagnosis	ICD-10-CM
D47.1	Chronic myeloproliferative disease	Diagnosis	ICD-10-CM
<b>Cancer, Breast</b>			
D05.90	Unspecified type of carcinoma in situ of unspecified breast	Diagnosis	ICD-10-CM
D05.91	Unspecified type of carcinoma in situ of right breast	Diagnosis	ICD-10-CM
D05.92	Unspecified type of carcinoma in situ of left breast	Diagnosis	ICD-10-CM
Z85.3	Personal history of malignant neoplasm of breast	Diagnosis	ICD-10-CM
Z86.000	Personal history of in-situ neoplasm of breast	Diagnosis	ICD-10-CM
D05.80	Other specified type of carcinoma in situ of unspecified breast	Diagnosis	ICD-10-CM
D05.81	Other specified type of carcinoma in situ of right breast	Diagnosis	ICD-10-CM
D05.82	Other specified type of carcinoma in situ of left breast	Diagnosis	ICD-10-CM
C50.429	Malignant neoplasm of upper-outer quadrant of unspecified male breast	Diagnosis	ICD-10-CM
C50.419	Malignant neoplasm of upper-outer quadrant of unspecified female breast	Diagnosis	ICD-10-CM
C50.421	Malignant neoplasm of upper-outer quadrant of right male breast	Diagnosis	ICD-10-CM



**Appendix K. List of International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes and Healthcare Common Procedure Coding System (HCPCS) Codes Used to Define Baseline Characteristics in this Request**

<b>Code</b>	<b>Description</b>	<b>Code Category</b>	<b>Code Type</b>
C50.411	Malignant neoplasm of upper-outer quadrant of right female breast	Diagnosis	ICD-10-CM
C50.422	Malignant neoplasm of upper-outer quadrant of left male breast	Diagnosis	ICD-10-CM
C50.412	Malignant neoplasm of upper-outer quadrant of left female breast	Diagnosis	ICD-10-CM
C50.229	Malignant neoplasm of upper-inner quadrant of unspecified male breast	Diagnosis	ICD-10-CM
C50.219	Malignant neoplasm of upper-inner quadrant of unspecified female breast	Diagnosis	ICD-10-CM
C50.221	Malignant neoplasm of upper-inner quadrant of right male breast	Diagnosis	ICD-10-CM
C50.211	Malignant neoplasm of upper-inner quadrant of right female breast	Diagnosis	ICD-10-CM
C50.222	Malignant neoplasm of upper-inner quadrant of left male breast	Diagnosis	ICD-10-CM
C50.212	Malignant neoplasm of upper-inner quadrant of left female breast	Diagnosis	ICD-10-CM
C50.929	Malignant neoplasm of unspecified site of unspecified male breast	Diagnosis	ICD-10-CM
C50.919	Malignant neoplasm of unspecified site of unspecified female breast	Diagnosis	ICD-10-CM
C50.921	Malignant neoplasm of unspecified site of right male breast	Diagnosis	ICD-10-CM
C50.911	Malignant neoplasm of unspecified site of right female breast	Diagnosis	ICD-10-CM
C50.922	Malignant neoplasm of unspecified site of left male breast	Diagnosis	ICD-10-CM
C50.912	Malignant neoplasm of unspecified site of left female breast	Diagnosis	ICD-10-CM
C50.829	Malignant neoplasm of overlapping sites of unspecified male breast	Diagnosis	ICD-10-CM
C50.819	Malignant neoplasm of overlapping sites of unspecified female breast	Diagnosis	ICD-10-CM
C50.821	Malignant neoplasm of overlapping sites of right male breast	Diagnosis	ICD-10-CM
C50.811	Malignant neoplasm of overlapping sites of right female breast	Diagnosis	ICD-10-CM
C50.822	Malignant neoplasm of overlapping sites of left male breast	Diagnosis	ICD-10-CM
C50.812	Malignant neoplasm of overlapping sites of left female breast	Diagnosis	ICD-10-CM
C50.029	Malignant neoplasm of nipple and areola, unspecified male breast	Diagnosis	ICD-10-CM
C50.019	Malignant neoplasm of nipple and areola, unspecified female breast	Diagnosis	ICD-10-CM
C50.021	Malignant neoplasm of nipple and areola, right male breast	Diagnosis	ICD-10-CM
C50.011	Malignant neoplasm of nipple and areola, right female breast	Diagnosis	ICD-10-CM
C50.022	Malignant neoplasm of nipple and areola, left male breast	Diagnosis	ICD-10-CM
C50.012	Malignant neoplasm of nipple and areola, left female breast	Diagnosis	ICD-10-CM
C50.529	Malignant neoplasm of lower-outer quadrant of unspecified male breast	Diagnosis	ICD-10-CM
C50.519	Malignant neoplasm of lower-outer quadrant of unspecified female breast	Diagnosis	ICD-10-CM
C50.521	Malignant neoplasm of lower-outer quadrant of right male breast	Diagnosis	ICD-10-CM
C50.511	Malignant neoplasm of lower-outer quadrant of right female breast	Diagnosis	ICD-10-CM
C50.522	Malignant neoplasm of lower-outer quadrant of left male breast	Diagnosis	ICD-10-CM
C50.512	Malignant neoplasm of lower-outer quadrant of left female breast	Diagnosis	ICD-10-CM
C50.329	Malignant neoplasm of lower-inner quadrant of unspecified male breast	Diagnosis	ICD-10-CM
C50.319	Malignant neoplasm of lower-inner quadrant of unspecified female breast	Diagnosis	ICD-10-CM
C50.321	Malignant neoplasm of lower-inner quadrant of right male breast	Diagnosis	ICD-10-CM
C50.311	Malignant neoplasm of lower-inner quadrant of right female breast	Diagnosis	ICD-10-CM
C50.322	Malignant neoplasm of lower-inner quadrant of left male breast	Diagnosis	ICD-10-CM
C50.312	Malignant neoplasm of lower-inner quadrant of left female breast	Diagnosis	ICD-10-CM
C50.129	Malignant neoplasm of central portion of unspecified male breast	Diagnosis	ICD-10-CM
C50.119	Malignant neoplasm of central portion of unspecified female breast	Diagnosis	ICD-10-CM
C50.121	Malignant neoplasm of central portion of right male breast	Diagnosis	ICD-10-CM
C50.111	Malignant neoplasm of central portion of right female breast	Diagnosis	ICD-10-CM
C50.122	Malignant neoplasm of central portion of left male breast	Diagnosis	ICD-10-CM

**Appendix K. List of International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes and Healthcare Common Procedure Coding System (HCPCS) Codes Used to Define Baseline Characteristics in this Request**

Code	Description	Code Category	Code Type
C50.112	Malignant neoplasm of central portion of left female breast	Diagnosis	ICD-10-CM
C50.629	Malignant neoplasm of axillary tail of unspecified male breast	Diagnosis	ICD-10-CM
C50.619	Malignant neoplasm of axillary tail of unspecified female breast	Diagnosis	ICD-10-CM
C50.621	Malignant neoplasm of axillary tail of right male breast	Diagnosis	ICD-10-CM
C50.611	Malignant neoplasm of axillary tail of right female breast	Diagnosis	ICD-10-CM
C50.622	Malignant neoplasm of axillary tail of left male breast	Diagnosis	ICD-10-CM
C50.612	Malignant neoplasm of axillary tail of left female breast	Diagnosis	ICD-10-CM
D05.00	Lobular carcinoma in situ of unspecified breast	Diagnosis	ICD-10-CM
D05.01	Lobular carcinoma in situ of right breast	Diagnosis	ICD-10-CM
D05.02	Lobular carcinoma in situ of left breast	Diagnosis	ICD-10-CM
D05.10	Intraductal carcinoma in situ of unspecified breast	Diagnosis	ICD-10-CM
D05.11	Intraductal carcinoma in situ of right breast	Diagnosis	ICD-10-CM
D05.12	Intraductal carcinoma in situ of left breast	Diagnosis	ICD-10-CM
Z17.0	Estrogen receptor positive status [ER+]	Diagnosis	ICD-10-CM
Z17.1	Estrogen receptor negative status [ER-]	Diagnosis	ICD-10-CM
<b>Cancer, Colorectal</b>			
C18.0	Malignant neoplasm of cecum	Diagnosis	ICD-10-CM
C18.1	Malignant neoplasm of appendix	Diagnosis	ICD-10-CM
C18.2	Malignant neoplasm of ascending colon	Diagnosis	ICD-10-CM
C18.3	Malignant neoplasm of hepatic flexure	Diagnosis	ICD-10-CM
C18.4	Malignant neoplasm of transverse colon	Diagnosis	ICD-10-CM
C18.5	Malignant neoplasm of splenic flexure	Diagnosis	ICD-10-CM
C18.6	Malignant neoplasm of descending colon	Diagnosis	ICD-10-CM
C18.7	Malignant neoplasm of sigmoid colon	Diagnosis	ICD-10-CM
C18.8	Malignant neoplasm of overlapping sites of colon	Diagnosis	ICD-10-CM
C18.9	Malignant neoplasm of colon, unspecified	Diagnosis	ICD-10-CM
C19	Malignant neoplasm of rectosigmoid junction	Diagnosis	ICD-10-CM
C20	Malignant neoplasm of rectum	Diagnosis	ICD-10-CM
C49.A4	Gastrointestinal stromal tumor of large intestine	Diagnosis	ICD-10-CM
C49.A5	Gastrointestinal stromal tumor of rectum	Diagnosis	ICD-10-CM
D01.0	Carcinoma in situ of colon	Diagnosis	ICD-10-CM
D01.1	Carcinoma in situ of rectosigmoid junction	Diagnosis	ICD-10-CM
D01.2	Carcinoma in situ of rectum	Diagnosis	ICD-10-CM
Z85.030	Personal history of malignant carcinoid tumor of large intestine	Diagnosis	ICD-10-CM
Z85.038	Personal history of other malignant neoplasm of large intestine	Diagnosis	ICD-10-CM
Z85.040	Personal history of malignant carcinoid tumor of rectum	Diagnosis	ICD-10-CM
Z85.048	Personal history of other malignant neoplasm of rectum, rectosigmoid junction, and anus	Diagnosis	ICD-10-CM
<b>Cancer, Endometrial</b>			
C54.0	Malignant neoplasm of isthmus uteri	Diagnosis	ICD-10-CM
C54.1	Malignant neoplasm of endometrium	Diagnosis	ICD-10-CM
C54.2	Malignant neoplasm of myometrium	Diagnosis	ICD-10-CM
C54.3	Malignant neoplasm of fundus uteri	Diagnosis	ICD-10-CM
C54.8	Malignant neoplasm of overlapping sites of corpus uteri	Diagnosis	ICD-10-CM

**Appendix K. List of International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes and Healthcare Common Procedure Coding System (HCPCS) Codes Used to Define Baseline Characteristics in this Request**

<b>Code</b>	<b>Description</b>	<b>Code Category</b>	<b>Code Type</b>
C54.9	Malignant neoplasm of corpus uteri, unspecified	Diagnosis	ICD-10-CM
D07.0	Carcinoma in situ of endometrium	Diagnosis	ICD-10-CM
Z85.42	Personal history of malignant neoplasm of other parts of uterus	Diagnosis	ICD-10-CM
<b>Cancer, Lung</b>			
C34.00	Malignant neoplasm of unspecified main bronchus	Diagnosis	ICD-10-CM
C34.01	Malignant neoplasm of right main bronchus	Diagnosis	ICD-10-CM
C34.02	Malignant neoplasm of left main bronchus	Diagnosis	ICD-10-CM
C34.10	Malignant neoplasm of upper lobe, unspecified bronchus or lung	Diagnosis	ICD-10-CM
C34.11	Malignant neoplasm of upper lobe, right bronchus or lung	Diagnosis	ICD-10-CM
C34.12	Malignant neoplasm of upper lobe, left bronchus or lung	Diagnosis	ICD-10-CM
C34.2	Malignant neoplasm of middle lobe, bronchus or lung	Diagnosis	ICD-10-CM
C34.30	Malignant neoplasm of lower lobe, unspecified bronchus or lung	Diagnosis	ICD-10-CM
C34.31	Malignant neoplasm of lower lobe, right bronchus or lung	Diagnosis	ICD-10-CM
C34.32	Malignant neoplasm of lower lobe, left bronchus or lung	Diagnosis	ICD-10-CM
C34.80	Malignant neoplasm of overlapping sites of unspecified bronchus and lung	Diagnosis	ICD-10-CM
C34.81	Malignant neoplasm of overlapping sites of right bronchus and lung	Diagnosis	ICD-10-CM
C34.82	Malignant neoplasm of overlapping sites of left bronchus and lung	Diagnosis	ICD-10-CM
C34.90	Malignant neoplasm of unspecified part of unspecified bronchus or lung	Diagnosis	ICD-10-CM
C34.91	Malignant neoplasm of unspecified part of right bronchus or lung	Diagnosis	ICD-10-CM
C34.92	Malignant neoplasm of unspecified part of left bronchus or lung	Diagnosis	ICD-10-CM
D02.20	Carcinoma in situ of unspecified bronchus and lung	Diagnosis	ICD-10-CM
D02.21	Carcinoma in situ of right bronchus and lung	Diagnosis	ICD-10-CM
D02.22	Carcinoma in situ of left bronchus and lung	Diagnosis	ICD-10-CM
Z85.110	Personal history of malignant carcinoid tumor of bronchus and lung	Diagnosis	ICD-10-CM
Z85.118	Personal history of other malignant neoplasm of bronchus and lung	Diagnosis	ICD-10-CM
<b>Cancer, Prostate</b>			
Z85.46	Personal history of malignant neoplasm of prostate	Diagnosis	ICD-10-CM
C61	Malignant neoplasm of prostate	Diagnosis	ICD-10-CM
D07.5	Carcinoma in situ of prostate	Diagnosis	ICD-10-CM
<b>Cataract</b>			
H25.812	Combined forms of age-related cataract, left eye	Diagnosis	ICD-10-CM
H25.813	Combined forms of age-related cataract, bilateral	Diagnosis	ICD-10-CM
H25.819	Combined forms of age-related cataract, unspecified eye	Diagnosis	ICD-10-CM
H25.89	Other age-related cataract	Diagnosis	ICD-10-CM
H25.9	Unspecified age-related cataract	Diagnosis	ICD-10-CM
H26.001	Unspecified infantile and juvenile cataract, right eye	Diagnosis	ICD-10-CM
H26.002	Unspecified infantile and juvenile cataract, left eye	Diagnosis	ICD-10-CM
H26.003	Unspecified infantile and juvenile cataract, bilateral	Diagnosis	ICD-10-CM
H26.009	Unspecified infantile and juvenile cataract, unspecified eye	Diagnosis	ICD-10-CM
H26.011	Infantile and juvenile cortical, lamellar, or zonular cataract, right eye	Diagnosis	ICD-10-CM
H26.012	Infantile and juvenile cortical, lamellar, or zonular cataract, left eye	Diagnosis	ICD-10-CM
H26.013	Infantile and juvenile cortical, lamellar, or zonular cataract, bilateral	Diagnosis	ICD-10-CM
H26.019	Infantile and juvenile cortical, lamellar, or zonular cataract, unspecified eye	Diagnosis	ICD-10-CM
H26.031	Infantile and juvenile nuclear cataract, right eye	Diagnosis	ICD-10-CM

**Appendix K. List of International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes and Healthcare Common Procedure Coding System (HCPCS) Codes Used to Define Baseline Characteristics in this Request**

<b>Code</b>	<b>Description</b>	<b>Code Category</b>	<b>Code Type</b>
H26.032	Infantile and juvenile nuclear cataract, left eye	Diagnosis	ICD-10-CM
H26.033	Infantile and juvenile nuclear cataract, bilateral	Diagnosis	ICD-10-CM
H26.039	Infantile and juvenile nuclear cataract, unspecified eye	Diagnosis	ICD-10-CM
H26.041	Anterior subcapsular polar infantile and juvenile cataract, right eye	Diagnosis	ICD-10-CM
H26.042	Anterior subcapsular polar infantile and juvenile cataract, left eye	Diagnosis	ICD-10-CM
H26.043	Anterior subcapsular polar infantile and juvenile cataract, bilateral	Diagnosis	ICD-10-CM
H26.049	Anterior subcapsular polar infantile and juvenile cataract, unspecified eye	Diagnosis	ICD-10-CM
H26.051	Posterior subcapsular polar infantile and juvenile cataract, right eye	Diagnosis	ICD-10-CM
H26.052	Posterior subcapsular polar infantile and juvenile cataract, left eye	Diagnosis	ICD-10-CM
H26.053	Posterior subcapsular polar infantile and juvenile cataract, bilateral	Diagnosis	ICD-10-CM
H26.059	Posterior subcapsular polar infantile and juvenile cataract, unspecified eye	Diagnosis	ICD-10-CM
H26.061	Combined forms of infantile and juvenile cataract, right eye	Diagnosis	ICD-10-CM
H26.062	Combined forms of infantile and juvenile cataract, left eye	Diagnosis	ICD-10-CM
H26.063	Combined forms of infantile and juvenile cataract, bilateral	Diagnosis	ICD-10-CM
H26.069	Combined forms of infantile and juvenile cataract, unspecified eye	Diagnosis	ICD-10-CM
H26.09	Other infantile and juvenile cataract	Diagnosis	ICD-10-CM
H26.101	Unspecified traumatic cataract, right eye	Diagnosis	ICD-10-CM
H26.102	Unspecified traumatic cataract, left eye	Diagnosis	ICD-10-CM
H26.103	Unspecified traumatic cataract, bilateral	Diagnosis	ICD-10-CM
H26.109	Unspecified traumatic cataract, unspecified eye	Diagnosis	ICD-10-CM
H26.111	Localized traumatic opacities, right eye	Diagnosis	ICD-10-CM
H26.112	Localized traumatic opacities, left eye	Diagnosis	ICD-10-CM
H26.113	Localized traumatic opacities, bilateral	Diagnosis	ICD-10-CM
H26.119	Localized traumatic opacities, unspecified eye	Diagnosis	ICD-10-CM
H26.121	Partially resolved traumatic cataract, right eye	Diagnosis	ICD-10-CM
H26.122	Partially resolved traumatic cataract, left eye	Diagnosis	ICD-10-CM
H26.123	Partially resolved traumatic cataract, bilateral	Diagnosis	ICD-10-CM
H26.129	Partially resolved traumatic cataract, unspecified eye	Diagnosis	ICD-10-CM
H26.131	Total traumatic cataract, right eye	Diagnosis	ICD-10-CM
H26.132	Total traumatic cataract, left eye	Diagnosis	ICD-10-CM
H26.133	Total traumatic cataract, bilateral	Diagnosis	ICD-10-CM
H26.139	Total traumatic cataract, unspecified eye	Diagnosis	ICD-10-CM
H26.20	Unspecified complicated cataract	Diagnosis	ICD-10-CM
H26.211	Cataract with neovascularization, right eye	Diagnosis	ICD-10-CM
H26.212	Cataract with neovascularization, left eye	Diagnosis	ICD-10-CM
H26.213	Cataract with neovascularization, bilateral	Diagnosis	ICD-10-CM
H26.219	Cataract with neovascularization, unspecified eye	Diagnosis	ICD-10-CM
H26.221	Cataract secondary to ocular disorders (degenerative) (inflammatory), right eye	Diagnosis	ICD-10-CM
H26.222	Cataract secondary to ocular disorders (degenerative) (inflammatory), left eye	Diagnosis	ICD-10-CM
H26.223	Cataract secondary to ocular disorders (degenerative) (inflammatory), bilateral	Diagnosis	ICD-10-CM
H26.229	Cataract secondary to ocular disorders (degenerative) (inflammatory), unspecified eye	Diagnosis	ICD-10-CM

**Appendix K. List of International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes and Healthcare Common Procedure Coding System (HCPCS) Codes Used to Define Baseline Characteristics in this Request**

<b>Code</b>	<b>Description</b>	<b>Code Category</b>	<b>Code Type</b>
H26.30	Drug-induced cataract, unspecified eye	Diagnosis	ICD-10-CM
H26.31	Drug-induced cataract, right eye	Diagnosis	ICD-10-CM
H26.32	Drug-induced cataract, left eye	Diagnosis	ICD-10-CM
H26.33	Drug-induced cataract, bilateral	Diagnosis	ICD-10-CM
H26.40	Unspecified secondary cataract	Diagnosis	ICD-10-CM
H26.491	Other secondary cataract, right eye	Diagnosis	ICD-10-CM
H26.492	Other secondary cataract, left eye	Diagnosis	ICD-10-CM
H26.493	Other secondary cataract, bilateral	Diagnosis	ICD-10-CM
H26.499	Other secondary cataract, unspecified eye	Diagnosis	ICD-10-CM
H26.8	Other specified cataract	Diagnosis	ICD-10-CM
H26.9	Unspecified cataract	Diagnosis	ICD-10-CM
085J3ZZ	Destruction of Right Lens, Percutaneous Approach	Procedure	ICD-10-CM
085K3ZZ	Destruction of Left Lens, Percutaneous Approach	Procedure	ICD-10-PCS
08BJ3ZZ	Excision of Right Lens, Percutaneous Approach	Procedure	ICD-10-PCS
08BK3ZZ	Excision of Left Lens, Percutaneous Approach	Procedure	ICD-10-PCS
08DJ3ZZ	Extraction of Right Lens, Percutaneous Approach	Procedure	ICD-10-PCS
08DK3ZZ	Extraction of Left Lens, Percutaneous Approach	Procedure	ICD-10-PCS
H25.011	Cortical age-related cataract, right eye	Diagnosis	ICD-10-CM
H25.012	Cortical age-related cataract, left eye	Diagnosis	ICD-10-CM
H25.013	Cortical age-related cataract, bilateral	Diagnosis	ICD-10-CM
H25.019	Cortical age-related cataract, unspecified eye	Diagnosis	ICD-10-CM
H25.031	Anterior subcapsular polar age-related cataract, right eye	Diagnosis	ICD-10-CM
H25.032	Anterior subcapsular polar age-related cataract, left eye	Diagnosis	ICD-10-CM
H25.033	Anterior subcapsular polar age-related cataract, bilateral	Diagnosis	ICD-10-CM
H25.039	Anterior subcapsular polar age-related cataract, unspecified eye	Diagnosis	ICD-10-CM
H25.041	Posterior subcapsular polar age-related cataract, right eye	Diagnosis	ICD-10-CM
H25.042	Posterior subcapsular polar age-related cataract, left eye	Diagnosis	ICD-10-CM
H25.043	Posterior subcapsular polar age-related cataract, bilateral	Diagnosis	ICD-10-CM
H25.049	Posterior subcapsular polar age-related cataract, unspecified eye	Diagnosis	ICD-10-CM
H25.091	Other age-related incipient cataract, right eye	Diagnosis	ICD-10-CM
H25.092	Other age-related incipient cataract, left eye	Diagnosis	ICD-10-CM
H25.093	Other age-related incipient cataract, bilateral	Diagnosis	ICD-10-CM
H25.099	Other age-related incipient cataract, unspecified eye	Diagnosis	ICD-10-CM
H25.10	Age-related nuclear cataract, unspecified eye	Diagnosis	ICD-10-CM
H25.11	Age-related nuclear cataract, right eye	Diagnosis	ICD-10-CM
H25.12	Age-related nuclear cataract, left eye	Diagnosis	ICD-10-CM
H25.13	Age-related nuclear cataract, bilateral	Diagnosis	ICD-10-CM
H25.20	Age-related cataract, morgagnian type, unspecified eye	Diagnosis	ICD-10-CM
H25.21	Age-related cataract, morgagnian type, right eye	Diagnosis	ICD-10-CM
H25.22	Age-related cataract, morgagnian type, left eye	Diagnosis	ICD-10-CM
H25.23	Age-related cataract, morgagnian type, bilateral	Diagnosis	ICD-10-CM
H25.811	Combined forms of age-related cataract, right eye	Diagnosis	ICD-10-CM
Q12.0	Congenital cataract	Diagnosis	ICD-10-CM
E08.36	Diabetes mellitus due to underlying condition with diabetic cataract	Diagnosis	ICD-10-CM

**Appendix K. List of International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes and Healthcare Common Procedure Coding System (HCPCS) Codes Used to Define Baseline Characteristics in this Request**

<b>Code</b>	<b>Description</b>	<b>Code Category</b>	<b>Code Type</b>
E09.36	Drug or chemical induced diabetes mellitus with diabetic cataract	Diagnosis	ICD-10-CM
E13.36	Other specified diabetes mellitus with diabetic cataract	Diagnosis	ICD-10-CM
H26.413	Soemmering's ring, bilateral	Diagnosis	ICD-10-CM
H26.412	Soemmering's ring, left eye	Diagnosis	ICD-10-CM
H26.411	Soemmering's ring, right eye	Diagnosis	ICD-10-CM
H26.419	Soemmering's ring, unspecified eye	Diagnosis	ICD-10-CM
E10.36	Type 1 diabetes mellitus with diabetic cataract	Diagnosis	ICD-10-CM
E11.36	Type 2 diabetes mellitus with diabetic cataract	Diagnosis	ICD-10-CM
0290T	Corneal incisions in the recipient cornea created using a laser, in preparation for penetrating or lamellar keratoplasty (List separately in addition to code for primary procedure)	Procedure	CPT Category III
66820	Discission of secondary membranous cataract (opacified posterior lens capsule and/or anterior hyaloid); stab incision technique (Ziegler or Wheeler knife)	Procedure	CPT-4
65710	Keratoplasty (corneal transplant); anterior lamellar	Procedure	CPT-4
65720	Keratoplasty (corneal Transplant), Lamellar	Procedure	CPT-4
65725	Keratoplasty (corneal Transplant), Lamellar	Procedure	CPT-4
65730	Keratoplasty (corneal transplant); penetrating (except in aphakia or pseudophakia)	Procedure	CPT-4
65740	Keratoplasty (corneal Transplant), Penetrating (except In	Procedure	CPT-4
65745	Keratoplasty (corneal Transplant), Penetrating (except In	Procedure	CPT-4
65750	Keratoplasty (corneal transplant); penetrating (in aphakia)	Procedure	CPT-4
65755	Keratoplasty (corneal transplant); penetrating (in pseudophakia)	Procedure	CPT-4
65756	Keratoplasty (corneal transplant); endothelial	Procedure	CPT-4
65767	Epikeratoplasty	Procedure	CPT-4
65860	Severing adhesions of anterior segment, laser technique (separate procedure)	Procedure	CPT-4
66821	Discission of secondary membranous cataract (opacified posterior lens capsule and/or anterior hyaloid); laser surgery (eg, YAG laser) (1 or more stages)	Procedure	CPT-4
66825	Repositioning of intraocular lens prosthesis, requiring an incision (separate procedure)	Procedure	CPT-4
66830	Removal of secondary membranous cataract (opacified posterior lens capsule and/or anterior hyaloid) with corneo-scleral section, with or without iridectomy (iridocapsulotomy, iridocapsulectomy)	Procedure	CPT-4
66840	Removal of lens material; aspiration technique, 1 or more stages	Procedure	CPT-4
66850	Removal of lens material; phacofragmentation technique (mechanical or ultrasonic) (eg, phacoemulsification), with aspiration	Procedure	CPT-4
66852	Removal of lens material; pars plana approach, with or without vitrectomy	Procedure	CPT-4
66920	Removal of lens material; intracapsular	Procedure	CPT-4
66930	Removal of lens material; intracapsular, for dislocated lens	Procedure	CPT-4
66940	Removal of lens material; extracapsular (other than 66840, 66850, 66852)	Procedure	CPT-4



**Appendix K. List of International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes and Healthcare Common Procedure Coding System (HCPCS) Codes Used to Define Baseline Characteristics in this Request**

Code	Description	Code Category	Code Type
66982	Extracapsular cataract removal with insertion of intraocular lens prosthesis (1-stage procedure), manual or mechanical technique (eg, irrigation and aspiration or phacoemulsification), complex, requiring devices or techniques not generally used in routine cataract surgery (eg, iris expansion device, suture support for intraocular lens, or primary posterior capsulorrhexis) or performed on patients in the amblyogenic developmental stage	Procedure	CPT-4
66983	Intracapsular cataract extraction with insertion of intraocular lens prosthesis (1 stage procedure)	Procedure	CPT-4
66984	Extracapsular cataract removal with insertion of intraocular lens prosthesis (1 stage procedure), manual or mechanical technique (eg, irrigation and aspiration or phacoemulsification)	Procedure	CPT-4
Chronic Kidney Disease			
A18.11	Tuberculosis of kidney and ureter	Diagnosis	ICD-10-CM
A52.75	Syphilis of kidney and ureter	Diagnosis	ICD-10-CM
B52.0	Plasmodium malariae malaria with nephropathy	Diagnosis	ICD-10-CM
E08.21	Diabetes mellitus due to underlying condition with diabetic nephropathy	Diagnosis	ICD-10-CM
E08.22	Diabetes mellitus due to underlying condition with diabetic chronic kidney disease	Diagnosis	ICD-10-CM
E08.29	Diabetes mellitus due to underlying condition with other diabetic kidney complication	Diagnosis	ICD-10-CM
E09.21	Drug or chemical induced diabetes mellitus with diabetic nephropathy	Diagnosis	ICD-10-CM
E09.22	Drug or chemical induced diabetes mellitus with diabetic chronic kidney disease	Diagnosis	ICD-10-CM
E09.29	Drug or chemical induced diabetes mellitus with other diabetic kidney complication	Diagnosis	ICD-10-CM
E10.21	Type 1 diabetes mellitus with diabetic nephropathy	Diagnosis	ICD-10-CM
E10.22	Type 1 diabetes mellitus with diabetic chronic kidney disease	Diagnosis	ICD-10-CM
E10.29	Type 1 diabetes mellitus with other diabetic kidney complication	Diagnosis	ICD-10-CM
E11.21	Type 2 diabetes mellitus with diabetic nephropathy	Diagnosis	ICD-10-CM
E11.22	Type 2 diabetes mellitus with diabetic chronic kidney disease	Diagnosis	ICD-10-CM
E11.29	Type 2 diabetes mellitus with other diabetic kidney complication	Diagnosis	ICD-10-CM
E13.21	Other specified diabetes mellitus with diabetic nephropathy	Diagnosis	ICD-10-CM
E13.22	Other specified diabetes mellitus with diabetic chronic kidney disease	Diagnosis	ICD-10-CM
E13.29	Other specified diabetes mellitus with other diabetic kidney complication	Diagnosis	ICD-10-CM
I12.0	Hypertensive chronic kidney disease with stage 5 chronic kidney disease or end stage renal disease	Diagnosis	ICD-10-CM
I12.9	Hypertensive chronic kidney disease with stage 1 through stage 4 chronic kidney disease, or unspecified chronic kidney disease	Diagnosis	ICD-10-CM
I13.0	Hypertensive heart and chronic kidney disease with heart failure and stage 1 through stage 4 chronic kidney disease, or unspecified chronic kidney disease	Diagnosis	ICD-10-CM
I13.10	Hypertensive heart and chronic kidney disease without heart failure, with stage 1 through stage 4 chronic kidney disease, or unspecified chronic kidney disease	Diagnosis	ICD-10-CM

**Appendix K. List of International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes and Healthcare Common Procedure Coding System (HCPCS) Codes Used to Define Baseline Characteristics in this Request**

<b>Code</b>	<b>Description</b>	<b>Code Category</b>	<b>Code Type</b>
I13.11	Hypertensive heart and chronic kidney disease without heart failure, with stage 5 chronic kidney disease, or end stage renal disease	Diagnosis	ICD-10-CM
I13.2	Hypertensive heart and chronic kidney disease with heart failure and with stage 5 chronic kidney disease, or end stage renal disease	Diagnosis	ICD-10-CM
K76.7	Hepatorenal syndrome	Diagnosis	ICD-10-CM
M10.30	Gout due to renal impairment, unspecified site	Diagnosis	ICD-10-CM
M10.311	Gout due to renal impairment, right shoulder	Diagnosis	ICD-10-CM
M10.312	Gout due to renal impairment, left shoulder	Diagnosis	ICD-10-CM
M10.319	Gout due to renal impairment, unspecified shoulder	Diagnosis	ICD-10-CM
M10.321	Gout due to renal impairment, right elbow	Diagnosis	ICD-10-CM
M10.322	Gout due to renal impairment, left elbow	Diagnosis	ICD-10-CM
M10.329	Gout due to renal impairment, unspecified elbow	Diagnosis	ICD-10-CM
M10.331	Gout due to renal impairment, right wrist	Diagnosis	ICD-10-CM
M10.332	Gout due to renal impairment, left wrist	Diagnosis	ICD-10-CM
M10.339	Gout due to renal impairment, unspecified wrist	Diagnosis	ICD-10-CM
M10.341	Gout due to renal impairment, right hand	Diagnosis	ICD-10-CM
M10.342	Gout due to renal impairment, left hand	Diagnosis	ICD-10-CM
M10.349	Gout due to renal impairment, unspecified hand	Diagnosis	ICD-10-CM
M10.351	Gout due to renal impairment, right hip	Diagnosis	ICD-10-CM
M10.352	Gout due to renal impairment, left hip	Diagnosis	ICD-10-CM
M10.359	Gout due to renal impairment, unspecified hip	Diagnosis	ICD-10-CM
M10.361	Gout due to renal impairment, right knee	Diagnosis	ICD-10-CM
M10.362	Gout due to renal impairment, left knee	Diagnosis	ICD-10-CM
M10.369	Gout due to renal impairment, unspecified knee	Diagnosis	ICD-10-CM
M10.371	Gout due to renal impairment, right ankle and foot	Diagnosis	ICD-10-CM
M10.372	Gout due to renal impairment, left ankle and foot	Diagnosis	ICD-10-CM
M10.379	Gout due to renal impairment, unspecified ankle and foot	Diagnosis	ICD-10-CM
M10.38	Gout due to renal impairment, vertebrae	Diagnosis	ICD-10-CM
M10.39	Gout due to renal impairment, multiple sites	Diagnosis	ICD-10-CM
M32.14	Glomerular disease in systemic lupus erythematosus	Diagnosis	ICD-10-CM
M32.15	Tubulo-interstitial nephropathy in systemic lupus erythematosus	Diagnosis	ICD-10-CM
M35.04	Sicca syndrome with tubulo-interstitial nephropathy	Diagnosis	ICD-10-CM
N01.0	Rapidly progressive nephritic syndrome with minor glomerular abnormality	Diagnosis	ICD-10-CM
N01.1	Rapidly progressive nephritic syndrome with focal and segmental glomerular lesions	Diagnosis	ICD-10-CM
N01.2	Rapidly progressive nephritic syndrome with diffuse membranous glomerulonephritis	Diagnosis	ICD-10-CM
N01.3	Rapidly progressive nephritic syndrome with diffuse mesangial proliferative glomerulonephritis	Diagnosis	ICD-10-CM
N01.4	Rapidly progressive nephritic syndrome with diffuse endocapillary proliferative glomerulonephritis	Diagnosis	ICD-10-CM
N01.5	Rapidly progressive nephritic syndrome with diffuse mesangiocapillary glomerulonephritis	Diagnosis	ICD-10-CM
N01.6	Rapidly progressive nephritic syndrome with dense deposit disease	Diagnosis	ICD-10-CM



**Appendix K. List of International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes and Healthcare Common Procedure Coding System (HCPCS) Codes Used to Define Baseline Characteristics in this Request**

<b>Code</b>	<b>Description</b>	<b>Code Category</b>	<b>Code Type</b>
N01.7	Rapidly progressive nephritic syndrome with diffuse crescentic glomerulonephritis	Diagnosis	ICD-10-CM
N01.8	Rapidly progressive nephritic syndrome with other morphologic changes	Diagnosis	ICD-10-CM
N01.9	Rapidly progressive nephritic syndrome with unspecified morphologic changes	Diagnosis	ICD-10-CM
N01.A	Rapidly progressive nephritic syndrome with C3 glomerulonephritis	Diagnosis	ICD-10-CM
N02.0	Recurrent and persistent hematuria with minor glomerular abnormality	Diagnosis	ICD-10-CM
N02.1	Recurrent and persistent hematuria with focal and segmental glomerular lesions	Diagnosis	ICD-10-CM
N02.2	Recurrent and persistent hematuria with diffuse membranous glomerulonephritis	Diagnosis	ICD-10-CM
N02.3	Recurrent and persistent hematuria with diffuse mesangial proliferative glomerulonephritis	Diagnosis	ICD-10-CM
N02.4	Recurrent and persistent hematuria with diffuse endocapillary proliferative glomerulonephritis	Diagnosis	ICD-10-CM
N02.5	Recurrent and persistent hematuria with diffuse mesangiocapillary glomerulonephritis	Diagnosis	ICD-10-CM
N02.6	Recurrent and persistent hematuria with dense deposit disease	Diagnosis	ICD-10-CM
N02.7	Recurrent and persistent hematuria with diffuse crescentic glomerulonephritis	Diagnosis	ICD-10-CM
N02.8	Recurrent and persistent hematuria with other morphologic changes	Diagnosis	ICD-10-CM
N02.9	Recurrent and persistent hematuria with unspecified morphologic changes	Diagnosis	ICD-10-CM
N02.A	Recurrent and persistent hematuria with C3 glomerulonephritis	Diagnosis	ICD-10-CM
N03.0	Chronic nephritic syndrome with minor glomerular abnormality	Diagnosis	ICD-10-CM
N03.1	Chronic nephritic syndrome with focal and segmental glomerular lesions	Diagnosis	ICD-10-CM
N03.2	Chronic nephritic syndrome with diffuse membranous glomerulonephritis	Diagnosis	ICD-10-CM
N03.3	Chronic nephritic syndrome with diffuse mesangial proliferative glomerulonephritis	Diagnosis	ICD-10-CM
N03.4	Chronic nephritic syndrome with diffuse endocapillary proliferative glomerulonephritis	Diagnosis	ICD-10-CM
N03.5	Chronic nephritic syndrome with diffuse mesangiocapillary glomerulonephritis	Diagnosis	ICD-10-CM
N03.6	Chronic nephritic syndrome with dense deposit disease	Diagnosis	ICD-10-CM
N03.7	Chronic nephritic syndrome with diffuse crescentic glomerulonephritis	Diagnosis	ICD-10-CM
N03.8	Chronic nephritic syndrome with other morphologic changes	Diagnosis	ICD-10-CM
N03.9	Chronic nephritic syndrome with unspecified morphologic changes	Diagnosis	ICD-10-CM
N03.A	Chronic nephritic syndrome with C3 glomerulonephritis	Diagnosis	ICD-10-CM
N04.0	Nephrotic syndrome with minor glomerular abnormality	Diagnosis	ICD-10-CM
N04.1	Nephrotic syndrome with focal and segmental glomerular lesions	Diagnosis	ICD-10-CM
N04.2	Nephrotic syndrome with diffuse membranous glomerulonephritis	Diagnosis	ICD-10-CM
N04.3	Nephrotic syndrome with diffuse mesangial proliferative glomerulonephritis	Diagnosis	ICD-10-CM
N04.4	Nephrotic syndrome with diffuse endocapillary proliferative glomerulonephritis	Diagnosis	ICD-10-CM
N04.5	Nephrotic syndrome with diffuse mesangiocapillary glomerulonephritis	Diagnosis	ICD-10-CM
N04.6	Nephrotic syndrome with dense deposit disease	Diagnosis	ICD-10-CM
N04.7	Nephrotic syndrome with diffuse crescentic glomerulonephritis	Diagnosis	ICD-10-CM
N04.8	Nephrotic syndrome with other morphologic changes	Diagnosis	ICD-10-CM

**Appendix K. List of International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes and Healthcare Common Procedure Coding System (HCPCS) Codes Used to Define Baseline Characteristics in this Request**

<b>Code</b>	<b>Description</b>	<b>Code Category</b>	<b>Code Type</b>
N04.9	Nephrotic syndrome with unspecified morphologic changes	Diagnosis	ICD-10-CM
N04.A	Nephrotic syndrome with C3 glomerulonephritis	Diagnosis	ICD-10-CM
N05.0	Unspecified nephritic syndrome with minor glomerular abnormality	Diagnosis	ICD-10-CM
N05.1	Unspecified nephritic syndrome with focal and segmental glomerular lesions	Diagnosis	ICD-10-CM
N05.2	Unspecified nephritic syndrome with diffuse membranous glomerulonephritis	Diagnosis	ICD-10-CM
N05.3	Unspecified nephritic syndrome with diffuse mesangial proliferative glomerulonephritis	Diagnosis	ICD-10-CM
N05.4	Unspecified nephritic syndrome with diffuse endocapillary proliferative glomerulonephritis	Diagnosis	ICD-10-CM
N05.5	Unspecified nephritic syndrome with diffuse mesangiocapillary glomerulonephritis	Diagnosis	ICD-10-CM
N05.6	Unspecified nephritic syndrome with dense deposit disease	Diagnosis	ICD-10-CM
N05.7	Unspecified nephritic syndrome with diffuse crescentic glomerulonephritis	Diagnosis	ICD-10-CM
N05.8	Unspecified nephritic syndrome with other morphologic changes	Diagnosis	ICD-10-CM
N05.9	Unspecified nephritic syndrome with unspecified morphologic changes	Diagnosis	ICD-10-CM
N05.A	Unspecified nephritic syndrome with C3 glomerulonephritis	Diagnosis	ICD-10-CM
N06.0	Isolated proteinuria with minor glomerular abnormality	Diagnosis	ICD-10-CM
N06.1	Isolated proteinuria with focal and segmental glomerular lesions	Diagnosis	ICD-10-CM
N06.2	Isolated proteinuria with diffuse membranous glomerulonephritis	Diagnosis	ICD-10-CM
N06.3	Isolated proteinuria with diffuse mesangial proliferative glomerulonephritis	Diagnosis	ICD-10-CM
N06.4	Isolated proteinuria with diffuse endocapillary proliferative glomerulonephritis	Diagnosis	ICD-10-CM
N06.5	Isolated proteinuria with diffuse mesangiocapillary glomerulonephritis	Diagnosis	ICD-10-CM
N06.6	Isolated proteinuria with dense deposit disease	Diagnosis	ICD-10-CM
N06.7	Isolated proteinuria with diffuse crescentic glomerulonephritis	Diagnosis	ICD-10-CM
N06.8	Isolated proteinuria with other morphologic lesion	Diagnosis	ICD-10-CM
N06.9	Isolated proteinuria with unspecified morphologic lesion	Diagnosis	ICD-10-CM
N06.A	Isolated proteinuria with C3 glomerulonephritis	Diagnosis	ICD-10-CM
N07.0	Hereditary nephropathy, not elsewhere classified with minor glomerular abnormality	Diagnosis	ICD-10-CM
N07.1	Hereditary nephropathy, not elsewhere classified with focal and segmental glomerular lesions	Diagnosis	ICD-10-CM
N07.2	Hereditary nephropathy, not elsewhere classified with diffuse membranous glomerulonephritis	Diagnosis	ICD-10-CM
N07.3	Hereditary nephropathy, not elsewhere classified with diffuse mesangial proliferative glomerulonephritis	Diagnosis	ICD-10-CM
N07.4	Hereditary nephropathy, not elsewhere classified with diffuse endocapillary proliferative glomerulonephritis	Diagnosis	ICD-10-CM
N07.5	Hereditary nephropathy, not elsewhere classified with diffuse mesangiocapillary glomerulonephritis	Diagnosis	ICD-10-CM
N07.6	Hereditary nephropathy, not elsewhere classified with dense deposit disease	Diagnosis	ICD-10-CM
N07.7	Hereditary nephropathy, not elsewhere classified with diffuse crescentic glomerulonephritis	Diagnosis	ICD-10-CM

**Appendix K. List of International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes and Healthcare Common Procedure Coding System (HCPCS) Codes Used to Define Baseline Characteristics in this Request**

<b>Code</b>	<b>Description</b>	<b>Code Category</b>	<b>Code Type</b>
N07.8	Hereditary nephropathy, not elsewhere classified with other morphologic lesions	Diagnosis	ICD-10-CM
N07.9	Hereditary nephropathy, not elsewhere classified with unspecified morphologic lesions	Diagnosis	ICD-10-CM
N07.A	Hereditary nephropathy, not elsewhere classified with C3 glomerulonephritis	Diagnosis	ICD-10-CM
N08	Glomerular disorders in diseases classified elsewhere	Diagnosis	ICD-10-CM
N14.0	Analgesic nephropathy	Diagnosis	ICD-10-CM
N14.1	Nephropathy induced by other drugs, medicaments and biological substances	Diagnosis	ICD-10-CM
N14.2	Nephropathy induced by unspecified drug, medicament or biological substance	Diagnosis	ICD-10-CM
N14.3	Nephropathy induced by heavy metals	Diagnosis	ICD-10-CM
N14.4	Toxic nephropathy, not elsewhere classified	Diagnosis	ICD-10-CM
N15.0	Balkan nephropathy	Diagnosis	ICD-10-CM
N15.8	Other specified renal tubulo-interstitial diseases	Diagnosis	ICD-10-CM
N15.9	Renal tubulo-interstitial disease, unspecified	Diagnosis	ICD-10-CM
N16	Renal tubulo-interstitial disorders in diseases classified elsewhere	Diagnosis	ICD-10-CM
N18.1	Chronic kidney disease, stage 1	Diagnosis	ICD-10-CM
N18.2	Chronic kidney disease, stage 2 (mild)	Diagnosis	ICD-10-CM
N18.3	Chronic kidney disease, stage 3 (moderate)	Diagnosis	ICD-10-CM
N18.30	Chronic kidney disease, stage 3 unspecified	Diagnosis	ICD-10-CM
N18.31	Chronic kidney disease, stage 3a	Diagnosis	ICD-10-CM
N18.32	Chronic kidney disease, stage 3b	Diagnosis	ICD-10-CM
N18.4	Chronic kidney disease, stage 4 (severe)	Diagnosis	ICD-10-CM
N18.5	Chronic kidney disease, stage 5	Diagnosis	ICD-10-CM
N18.6	End stage renal disease	Diagnosis	ICD-10-CM
N18.9	Chronic kidney disease, unspecified	Diagnosis	ICD-10-CM
N25.1	Nephrogenic diabetes insipidus	Diagnosis	ICD-10-CM
N25.89	Other disorders resulting from impaired renal tubular function	Diagnosis	ICD-10-CM
N25.9	Disorder resulting from impaired renal tubular function, unspecified	Diagnosis	ICD-10-CM
N26.1	Atrophy of kidney (terminal)	Diagnosis	ICD-10-CM
N26.9	Renal sclerosis, unspecified	Diagnosis	ICD-10-CM
Q61.02	Congenital multiple renal cysts	Diagnosis	ICD-10-CM
Q61.11	Cystic dilatation of collecting ducts	Diagnosis	ICD-10-CM
Q61.19	Other polycystic kidney, infantile type	Diagnosis	ICD-10-CM
Q61.2	Polycystic kidney, adult type	Diagnosis	ICD-10-CM
Q61.3	Polycystic kidney, unspecified	Diagnosis	ICD-10-CM
Q61.4	Renal dysplasia	Diagnosis	ICD-10-CM
Q61.5	Medullary cystic kidney	Diagnosis	ICD-10-CM
Q61.8	Other cystic kidney diseases	Diagnosis	ICD-10-CM
M35.0A	Sjogren syndrome with glomerular disease	Diagnosis	ICD-10-CM
<b>Chronic Obstructive Pulmonary Disease (COPD)/Bronchiectasis</b>			
J40	Bronchitis, not specified as acute or chronic	Diagnosis	ICD-10-CM
J41.0	Simple chronic bronchitis	Diagnosis	ICD-10-CM
J41.1	Mucopurulent chronic bronchitis	Diagnosis	ICD-10-CM

**Appendix K. List of International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes and Healthcare Common Procedure Coding System (HCPCS) Codes Used to Define Baseline Characteristics in this Request**

<b>Code</b>	<b>Description</b>	<b>Code Category</b>	<b>Code Type</b>
J41.8	Mixed simple and mucopurulent chronic bronchitis	Diagnosis	ICD-10-CM
J42	Unspecified chronic bronchitis	Diagnosis	ICD-10-CM
J43.0	Unilateral pulmonary emphysema [MacLeod's syndrome]	Diagnosis	ICD-10-CM
J43.1	Panlobular emphysema	Diagnosis	ICD-10-CM
J43.2	Centrilobular emphysema	Diagnosis	ICD-10-CM
J43.9	Emphysema, unspecified	Diagnosis	ICD-10-CM
J44.0	Chronic obstructive pulmonary disease with (acute) lower respiratory infection	Diagnosis	ICD-10-CM
J44.1	Chronic obstructive pulmonary disease with (acute) exacerbation	Diagnosis	ICD-10-CM
J44.9	Chronic obstructive pulmonary disease, unspecified	Diagnosis	ICD-10-CM
J47	Bronchiectasis	Diagnosis	ICD-10-CM
J47.0	Bronchiectasis with acute lower respiratory infection	Diagnosis	ICD-10-CM
J47.1	Bronchiectasis with (acute) exacerbation	Diagnosis	ICD-10-CM
J47.9	Bronchiectasis, uncomplicated	Diagnosis	ICD-10-CM
J98.2	Interstitial emphysema	Diagnosis	ICD-10-CM
J98.3	Compensatory emphysema	Diagnosis	ICD-10-CM
Q33.4	Congenital bronchiectasis	Diagnosis	ICD-10-CM
<b>Depression</b>			
F43.23	Adjustment disorder with mixed anxiety and depressed mood	Diagnosis	ICD-10-CM
F43.21	Adjustment disorder with depressed mood	Diagnosis	ICD-10-CM
F31.4	Bipolar disorder, current episode depressed, severe, without psychotic features	Diagnosis	ICD-10-CM
F31.5	Bipolar disorder, current episode depressed, severe, with psychotic features	Diagnosis	ICD-10-CM
F31.63	Bipolar disorder, current episode mixed, severe, without psychotic features	Diagnosis	ICD-10-CM
F31.64	Bipolar disorder, current episode mixed, severe, with psychotic features	Diagnosis	ICD-10-CM
F31.31	Bipolar disorder, current episode depressed, mild	Diagnosis	ICD-10-CM
F31.32	Bipolar disorder, current episode depressed, moderate	Diagnosis	ICD-10-CM
F31.30	Bipolar disorder, current episode depressed, mild or moderate severity, unspecified	Diagnosis	ICD-10-CM
F31.61	Bipolar disorder, current episode mixed, mild	Diagnosis	ICD-10-CM
F31.62	Bipolar disorder, current episode mixed, moderate	Diagnosis	ICD-10-CM
F31.60	Bipolar disorder, current episode mixed, unspecified	Diagnosis	ICD-10-CM
F31.76	Bipolar disorder, in full remission, most recent episode depressed	Diagnosis	ICD-10-CM
F31.78	Bipolar disorder, in full remission, most recent episode mixed	Diagnosis	ICD-10-CM
F31.75	Bipolar disorder, in partial remission, most recent episode depressed	Diagnosis	ICD-10-CM
F31.77	Bipolar disorder, in partial remission, most recent episode mixed	Diagnosis	ICD-10-CM
F31.81	Bipolar II disorder	Diagnosis	ICD-10-CM
F34.1	Dysthymic disorder	Diagnosis	ICD-10-CM
F33.2	Major depressive disorder, recurrent severe without psychotic features	Diagnosis	ICD-10-CM
F33.3	Major depressive disorder, recurrent, severe with psychotic symptoms	Diagnosis	ICD-10-CM
F32.2	Major depressive disorder, single episode, severe without psychotic features	Diagnosis	ICD-10-CM
F32.3	Major depressive disorder, single episode, severe with psychotic features	Diagnosis	ICD-10-CM
F33.42	Major depressive disorder, recurrent, in full remission	Diagnosis	ICD-10-CM
F33.41	Major depressive disorder, recurrent, in partial remission	Diagnosis	ICD-10-CM

**Appendix K. List of International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes and Healthcare Common Procedure Coding System (HCPCS) Codes Used to Define Baseline Characteristics in this Request**

Code	Description	Code Category	Code Type
F33.40	Major depressive disorder, recurrent, in remission, unspecified	Diagnosis	ICD-10-CM
F32.5	Major depressive disorder, single episode, in full remission	Diagnosis	ICD-10-CM
F32.4	Major depressive disorder, single episode, in partial remission	Diagnosis	ICD-10-CM
F33.9	Major depressive disorder, recurrent, unspecified	Diagnosis	ICD-10-CM
F33.0	Major depressive disorder, recurrent, mild	Diagnosis	ICD-10-CM
F33.1	Major depressive disorder, recurrent, moderate	Diagnosis	ICD-10-CM
F32.0	Major depressive disorder, single episode, mild	Diagnosis	ICD-10-CM
F32.1	Major depressive disorder, single episode, moderate	Diagnosis	ICD-10-CM
F32.9	Major depressive disorder, single episode, unspecified	Diagnosis	ICD-10-CM
F33.8	Other recurrent depressive disorders	Diagnosis	ICD-10-CM
F31.2	Bipolar disorder, current episode manic severe with psychotic features	Diagnosis	ICD-10-CM
F31.11	Bipolar disorder, current episode manic without psychotic features, mild	Diagnosis	ICD-10-CM
F31.12	Bipolar disorder, current episode manic without psychotic features, moderate	Diagnosis	ICD-10-CM
F31.13	Bipolar disorder, current episode manic without psychotic features, severe	Diagnosis	ICD-10-CM
F31.10	Bipolar disorder, current episode manic without psychotic features, unspecified	Diagnosis	ICD-10-CM
F31.0	Bipolar disorder, current episode hypomanic	Diagnosis	ICD-10-CM
F31.71	Bipolar disorder, in partial remission, most recent episode hypomanic	Diagnosis	ICD-10-CM
F31.73	Bipolar disorder, in partial remission, most recent episode manic	Diagnosis	ICD-10-CM
F31.9	Bipolar disorder, unspecified	Diagnosis	ICD-10-CM
F34.0	Cyclothymic disorder	Diagnosis	ICD-10-CM
F32.A	Depression, unspecified	Diagnosis	ICD-10-CM
F06.32	Mood disorder due to known physiological condition with major depressive-like episode	Diagnosis	ICD-10-CM
F06.31	Mood disorder due to known physiological condition with depressive features	Diagnosis	ICD-10-CM
F31.89	Other bipolar disorder	Diagnosis	ICD-10-CM
F32.8	Other depressive episodes	Diagnosis	ICD-10-CM
F32.89	Other specified depressive episodes	Diagnosis	ICD-10-CM
<b>Diabetes</b>			
E08.00	Diabetes mellitus due to underlying condition with hyperosmolarity without nonketotic hyperglycemic-hyperosmolar coma (NKHHC)	Diagnosis	ICD-10-CM
E08.01	Diabetes mellitus due to underlying condition with hyperosmolarity with coma	Diagnosis	ICD-10-CM
E08.10	Diabetes mellitus due to underlying condition with ketoacidosis without coma	Diagnosis	ICD-10-CM
E08.11	Diabetes mellitus due to underlying condition with ketoacidosis with coma	Diagnosis	ICD-10-CM
E08.21	Diabetes mellitus due to underlying condition with diabetic nephropathy	Diagnosis	ICD-10-CM
E08.22	Diabetes mellitus due to underlying condition with diabetic chronic kidney disease	Diagnosis	ICD-10-CM
E08.29	Diabetes mellitus due to underlying condition with other diabetic kidney complication	Diagnosis	ICD-10-CM
E08.311	Diabetes mellitus due to underlying condition with unspecified diabetic retinopathy with macular edema	Diagnosis	ICD-10-CM
E08.319	Diabetes mellitus due to underlying condition with unspecified diabetic retinopathy without macular edema	Diagnosis	ICD-10-CM

**Appendix K. List of International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes and Healthcare Common Procedure Coding System (HCPCS) Codes Used to Define Baseline Characteristics in this Request**

<b>Code</b>	<b>Description</b>	<b>Code Category</b>	<b>Code Type</b>
E08.321	Diabetes mellitus due to underlying condition with mild nonproliferative diabetic retinopathy with macular edema	Diagnosis	ICD-10-CM
E08.3211	Diabetes mellitus due to underlying condition with mild nonproliferative diabetic retinopathy with macular edema, right eye	Diagnosis	ICD-10-CM
E08.3212	Diabetes mellitus due to underlying condition with mild nonproliferative diabetic retinopathy with macular edema, left eye	Diagnosis	ICD-10-CM
E08.3213	Diabetes mellitus due to underlying condition with mild nonproliferative diabetic retinopathy with macular edema, bilateral	Diagnosis	ICD-10-CM
E08.3219	Diabetes mellitus due to underlying condition with mild nonproliferative diabetic retinopathy with macular edema, unspecified eye	Diagnosis	ICD-10-CM
E08.329	Diabetes mellitus due to underlying condition with mild nonproliferative diabetic retinopathy without macular edema	Diagnosis	ICD-10-CM
E08.3291	Diabetes mellitus due to underlying condition with mild nonproliferative diabetic retinopathy without macular edema, right eye	Diagnosis	ICD-10-CM
E08.3292	Diabetes mellitus due to underlying condition with mild nonproliferative diabetic retinopathy without macular edema, left eye	Diagnosis	ICD-10-CM
E08.3293	Diabetes mellitus due to underlying condition with mild nonproliferative diabetic retinopathy without macular edema, bilateral	Diagnosis	ICD-10-CM
E08.3299	Diabetes mellitus due to underlying condition with mild nonproliferative diabetic retinopathy without macular edema, unspecified eye	Diagnosis	ICD-10-CM
E08.331	Diabetes mellitus due to underlying condition with moderate nonproliferative diabetic retinopathy with macular edema	Diagnosis	ICD-10-CM
E08.3311	Diabetes mellitus due to underlying condition with moderate nonproliferative diabetic retinopathy with macular edema, right eye	Diagnosis	ICD-10-CM
E08.3312	Diabetes mellitus due to underlying condition with moderate nonproliferative diabetic retinopathy with macular edema, left eye	Diagnosis	ICD-10-CM
E08.3313	Diabetes mellitus due to underlying condition with moderate nonproliferative diabetic retinopathy with macular edema, bilateral	Diagnosis	ICD-10-CM
E08.3319	Diabetes mellitus due to underlying condition with moderate nonproliferative diabetic retinopathy with macular edema, unspecified eye	Diagnosis	ICD-10-CM
E08.339	Diabetes mellitus due to underlying condition with moderate nonproliferative diabetic retinopathy without macular edema	Diagnosis	ICD-10-CM
E08.3391	Diabetes mellitus due to underlying condition with moderate nonproliferative diabetic retinopathy without macular edema, right eye	Diagnosis	ICD-10-CM
E08.3392	Diabetes mellitus due to underlying condition with moderate nonproliferative diabetic retinopathy without macular edema, left eye	Diagnosis	ICD-10-CM
E08.3393	Diabetes mellitus due to underlying condition with moderate nonproliferative diabetic retinopathy without macular edema, bilateral	Diagnosis	ICD-10-CM
E08.3399	Diabetes mellitus due to underlying condition with moderate nonproliferative diabetic retinopathy without macular edema, unspecified eye	Diagnosis	ICD-10-CM
E08.341	Diabetes mellitus due to underlying condition with severe nonproliferative diabetic retinopathy with macular edema	Diagnosis	ICD-10-CM
E08.3411	Diabetes mellitus due to underlying condition with severe nonproliferative diabetic retinopathy with macular edema, right eye	Diagnosis	ICD-10-CM



**Appendix K. List of International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes and Healthcare Common Procedure Coding System (HCPCS) Codes Used to Define Baseline Characteristics in this Request**

<b>Code</b>	<b>Description</b>	<b>Code Category</b>	<b>Code Type</b>
E08.3412	Diabetes mellitus due to underlying condition with severe nonproliferative diabetic retinopathy with macular edema, left eye	Diagnosis	ICD-10-CM
E08.3413	Diabetes mellitus due to underlying condition with severe nonproliferative diabetic retinopathy with macular edema, bilateral	Diagnosis	ICD-10-CM
E08.3419	Diabetes mellitus due to underlying condition with severe nonproliferative diabetic retinopathy with macular edema, unspecified eye	Diagnosis	ICD-10-CM
E08.349	Diabetes mellitus due to underlying condition with severe nonproliferative diabetic retinopathy without macular edema	Diagnosis	ICD-10-CM
E08.3491	Diabetes mellitus due to underlying condition with severe nonproliferative diabetic retinopathy without macular edema, right eye	Diagnosis	ICD-10-CM
E08.3492	Diabetes mellitus due to underlying condition with severe nonproliferative diabetic retinopathy without macular edema, left eye	Diagnosis	ICD-10-CM
E08.3493	Diabetes mellitus due to underlying condition with severe nonproliferative diabetic retinopathy without macular edema, bilateral	Diagnosis	ICD-10-CM
E08.3499	Diabetes mellitus due to underlying condition with severe nonproliferative diabetic retinopathy without macular edema, unspecified eye	Diagnosis	ICD-10-CM
E08.351	Diabetes mellitus due to underlying condition with proliferative diabetic retinopathy with macular edema	Diagnosis	ICD-10-CM
E08.3511	Diabetes mellitus due to underlying condition with proliferative diabetic retinopathy with macular edema, right eye	Diagnosis	ICD-10-CM
E08.3512	Diabetes mellitus due to underlying condition with proliferative diabetic retinopathy with macular edema, left eye	Diagnosis	ICD-10-CM
E08.3513	Diabetes mellitus due to underlying condition with proliferative diabetic retinopathy with macular edema, bilateral	Diagnosis	ICD-10-CM
E08.3519	Diabetes mellitus due to underlying condition with proliferative diabetic retinopathy with macular edema, unspecified eye	Diagnosis	ICD-10-CM
E08.3521	Diabetes mellitus due to underlying condition with proliferative diabetic retinopathy with traction retinal detachment involving the macula, right eye	Diagnosis	ICD-10-CM
E08.3522	Diabetes mellitus due to underlying condition with proliferative diabetic retinopathy with traction retinal detachment involving the macula, left eye	Diagnosis	ICD-10-CM
E08.3523	Diabetes mellitus due to underlying condition with proliferative diabetic retinopathy with traction retinal detachment involving the macula, bilateral	Diagnosis	ICD-10-CM
E08.3529	Diabetes mellitus due to underlying condition with proliferative diabetic retinopathy with traction retinal detachment involving the macula, unspecified eye	Diagnosis	ICD-10-CM
E08.3531	Diabetes mellitus due to underlying condition with proliferative diabetic retinopathy with traction retinal detachment not involving the macula, right eye	Diagnosis	ICD-10-CM
E08.3532	Diabetes mellitus due to underlying condition with proliferative diabetic retinopathy with traction retinal detachment not involving the macula, left eye	Diagnosis	ICD-10-CM
E08.3533	Diabetes mellitus due to underlying condition with proliferative diabetic retinopathy with traction retinal detachment not involving the macula, bilateral	Diagnosis	ICD-10-CM



**Appendix K. List of International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes and Healthcare Common Procedure Coding System (HCPCS) Codes Used to Define Baseline Characteristics in this Request**

<b>Code</b>	<b>Description</b>	<b>Code Category</b>	<b>Code Type</b>
E08.3539	Diabetes mellitus due to underlying condition with proliferative diabetic retinopathy with traction retinal detachment not involving the macula, unspecified eye	Diagnosis	ICD-10-CM
E08.3541	Diabetes mellitus due to underlying condition with proliferative diabetic retinopathy with combined traction retinal detachment and rhegmatogenous retinal detachment, right eye	Diagnosis	ICD-10-CM
E08.3542	Diabetes mellitus due to underlying condition with proliferative diabetic retinopathy with combined traction retinal detachment and rhegmatogenous retinal detachment, left eye	Diagnosis	ICD-10-CM
E08.3543	Diabetes mellitus due to underlying condition with proliferative diabetic retinopathy with combined traction retinal detachment and rhegmatogenous retinal detachment, bilateral	Diagnosis	ICD-10-CM
E08.3549	Diabetes mellitus due to underlying condition with proliferative diabetic retinopathy with combined traction retinal detachment and rhegmatogenous retinal detachment, unspecified eye	Diagnosis	ICD-10-CM
E08.3551	Diabetes mellitus due to underlying condition with stable proliferative diabetic retinopathy, right eye	Diagnosis	ICD-10-CM
E08.3552	Diabetes mellitus due to underlying condition with stable proliferative diabetic retinopathy, left eye	Diagnosis	ICD-10-CM
E08.3553	Diabetes mellitus due to underlying condition with stable proliferative diabetic retinopathy, bilateral	Diagnosis	ICD-10-CM
E08.3559	Diabetes mellitus due to underlying condition with stable proliferative diabetic retinopathy, unspecified eye	Diagnosis	ICD-10-CM
E08.359	Diabetes mellitus due to underlying condition with proliferative diabetic retinopathy without macular edema	Diagnosis	ICD-10-CM
E08.3591	Diabetes mellitus due to underlying condition with proliferative diabetic retinopathy without macular edema, right eye	Diagnosis	ICD-10-CM
E08.3592	Diabetes mellitus due to underlying condition with proliferative diabetic retinopathy without macular edema, left eye	Diagnosis	ICD-10-CM
E08.3593	Diabetes mellitus due to underlying condition with proliferative diabetic retinopathy without macular edema, bilateral	Diagnosis	ICD-10-CM
E08.3599	Diabetes mellitus due to underlying condition with proliferative diabetic retinopathy without macular edema, unspecified eye	Diagnosis	ICD-10-CM
E08.36	Diabetes mellitus due to underlying condition with diabetic cataract	Diagnosis	ICD-10-CM
E08.37X1	Diabetes mellitus due to underlying condition with diabetic macular edema, resolved following treatment, right eye	Diagnosis	ICD-10-CM
E08.37X2	Diabetes mellitus due to underlying condition with diabetic macular edema, resolved following treatment, left eye	Diagnosis	ICD-10-CM
E08.37X3	Diabetes mellitus due to underlying condition with diabetic macular edema, resolved following treatment, bilateral	Diagnosis	ICD-10-CM
E08.37X9	Diabetes mellitus due to underlying condition with diabetic macular edema, resolved following treatment, unspecified eye	Diagnosis	ICD-10-CM
E08.39	Diabetes mellitus due to underlying condition with other diabetic ophthalmic complication	Diagnosis	ICD-10-CM

**Appendix K. List of International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes and Healthcare Common Procedure Coding System (HCPCS) Codes Used to Define Baseline Characteristics in this Request**

<b>Code</b>	<b>Description</b>	<b>Code Category</b>	<b>Code Type</b>
E08.40	Diabetes mellitus due to underlying condition with diabetic neuropathy, unspecified	Diagnosis	ICD-10-CM
E08.41	Diabetes mellitus due to underlying condition with diabetic mononeuropathy	Diagnosis	ICD-10-CM
E08.42	Diabetes mellitus due to underlying condition with diabetic polyneuropathy	Diagnosis	ICD-10-CM
E08.43	Diabetes mellitus due to underlying condition with diabetic autonomic (poly)neuropathy	Diagnosis	ICD-10-CM
E08.44	Diabetes mellitus due to underlying condition with diabetic amyotrophy	Diagnosis	ICD-10-CM
E08.49	Diabetes mellitus due to underlying condition with other diabetic neurological complication	Diagnosis	ICD-10-CM
E08.51	Diabetes mellitus due to underlying condition with diabetic peripheral angiopathy without gangrene	Diagnosis	ICD-10-CM
E08.52	Diabetes mellitus due to underlying condition with diabetic peripheral angiopathy with gangrene	Diagnosis	ICD-10-CM
E08.59	Diabetes mellitus due to underlying condition with other circulatory complications	Diagnosis	ICD-10-CM
E08.610	Diabetes mellitus due to underlying condition with diabetic neuropathic arthropathy	Diagnosis	ICD-10-CM
E08.618	Diabetes mellitus due to underlying condition with other diabetic arthropathy	Diagnosis	ICD-10-CM
E08.620	Diabetes mellitus due to underlying condition with diabetic dermatitis	Diagnosis	ICD-10-CM
E08.621	Diabetes mellitus due to underlying condition with foot ulcer	Diagnosis	ICD-10-CM
E08.622	Diabetes mellitus due to underlying condition with other skin ulcer	Diagnosis	ICD-10-CM
E08.628	Diabetes mellitus due to underlying condition with other skin complications	Diagnosis	ICD-10-CM
E08.630	Diabetes mellitus due to underlying condition with periodontal disease	Diagnosis	ICD-10-CM
E08.638	Diabetes mellitus due to underlying condition with other oral complications	Diagnosis	ICD-10-CM
E08.641	Diabetes mellitus due to underlying condition with hypoglycemia with coma	Diagnosis	ICD-10-CM
E08.649	Diabetes mellitus due to underlying condition with hypoglycemia without coma	Diagnosis	ICD-10-CM
E08.65	Diabetes mellitus due to underlying condition with hyperglycemia	Diagnosis	ICD-10-CM
E08.69	Diabetes mellitus due to underlying condition with other specified complication	Diagnosis	ICD-10-CM
E08.8	Diabetes mellitus due to underlying condition with unspecified complications	Diagnosis	ICD-10-CM
E08.9	Diabetes mellitus due to underlying condition without complications	Diagnosis	ICD-10-CM
E09.00	Drug or chemical induced diabetes mellitus with hyperosmolarity without nonketotic hyperglycemic-hyperosmolar coma (NKHHC)	Diagnosis	ICD-10-CM
E09.01	Drug or chemical induced diabetes mellitus with hyperosmolarity with coma	Diagnosis	ICD-10-CM
E09.10	Drug or chemical induced diabetes mellitus with ketoacidosis without coma	Diagnosis	ICD-10-CM
E09.11	Drug or chemical induced diabetes mellitus with ketoacidosis with coma	Diagnosis	ICD-10-CM
E09.21	Drug or chemical induced diabetes mellitus with diabetic nephropathy	Diagnosis	ICD-10-CM
E09.22	Drug or chemical induced diabetes mellitus with diabetic chronic kidney disease	Diagnosis	ICD-10-CM
E09.29	Drug or chemical induced diabetes mellitus with other diabetic kidney complication	Diagnosis	ICD-10-CM
E09.311	Drug or chemical induced diabetes mellitus with unspecified diabetic retinopathy with macular edema	Diagnosis	ICD-10-CM

**Appendix K. List of International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes and Healthcare Common Procedure Coding System (HCPCS) Codes Used to Define Baseline Characteristics in this Request**

<b>Code</b>	<b>Description</b>	<b>Code Category</b>	<b>Code Type</b>
E09.319	Drug or chemical induced diabetes mellitus with unspecified diabetic retinopathy without macular edema	Diagnosis	ICD-10-CM
E09.321	Drug or chemical induced diabetes mellitus with mild nonproliferative diabetic retinopathy with macular edema	Diagnosis	ICD-10-CM
E09.3211	Drug or chemical induced diabetes mellitus with mild nonproliferative diabetic retinopathy with macular edema, right eye	Diagnosis	ICD-10-CM
E09.3212	Drug or chemical induced diabetes mellitus with mild nonproliferative diabetic retinopathy with macular edema, left eye	Diagnosis	ICD-10-CM
E09.3213	Drug or chemical induced diabetes mellitus with mild nonproliferative diabetic retinopathy with macular edema, bilateral	Diagnosis	ICD-10-CM
E09.3219	Drug or chemical induced diabetes mellitus with mild nonproliferative diabetic retinopathy with macular edema, unspecified eye	Diagnosis	ICD-10-CM
E09.329	Drug or chemical induced diabetes mellitus with mild nonproliferative diabetic retinopathy without macular edema	Diagnosis	ICD-10-CM
E09.3291	Drug or chemical induced diabetes mellitus with mild nonproliferative diabetic retinopathy without macular edema, right eye	Diagnosis	ICD-10-CM
E09.3292	Drug or chemical induced diabetes mellitus with mild nonproliferative diabetic retinopathy without macular edema, left eye	Diagnosis	ICD-10-CM
E09.3293	Drug or chemical induced diabetes mellitus with mild nonproliferative diabetic retinopathy without macular edema, bilateral	Diagnosis	ICD-10-CM
E09.3299	Drug or chemical induced diabetes mellitus with mild nonproliferative diabetic retinopathy without macular edema, unspecified eye	Diagnosis	ICD-10-CM
E09.331	Drug or chemical induced diabetes mellitus with moderate nonproliferative diabetic retinopathy with macular edema	Diagnosis	ICD-10-CM
E09.3311	Drug or chemical induced diabetes mellitus with moderate nonproliferative diabetic retinopathy with macular edema, right eye	Diagnosis	ICD-10-CM
E09.3312	Drug or chemical induced diabetes mellitus with moderate nonproliferative diabetic retinopathy with macular edema, left eye	Diagnosis	ICD-10-CM
E09.3313	Drug or chemical induced diabetes mellitus with moderate nonproliferative diabetic retinopathy with macular edema, bilateral	Diagnosis	ICD-10-CM
E09.3319	Drug or chemical induced diabetes mellitus with moderate nonproliferative diabetic retinopathy with macular edema, unspecified eye	Diagnosis	ICD-10-CM
E09.339	Drug or chemical induced diabetes mellitus with moderate nonproliferative diabetic retinopathy without macular edema	Diagnosis	ICD-10-CM
E09.3391	Drug or chemical induced diabetes mellitus with moderate nonproliferative diabetic retinopathy without macular edema, right eye	Diagnosis	ICD-10-CM
E09.3392	Drug or chemical induced diabetes mellitus with moderate nonproliferative diabetic retinopathy without macular edema, left eye	Diagnosis	ICD-10-CM
E09.3393	Drug or chemical induced diabetes mellitus with moderate nonproliferative diabetic retinopathy without macular edema, bilateral	Diagnosis	ICD-10-CM
E09.3399	Drug or chemical induced diabetes mellitus with moderate nonproliferative diabetic retinopathy without macular edema, unspecified eye	Diagnosis	ICD-10-CM
E09.341	Drug or chemical induced diabetes mellitus with severe nonproliferative diabetic retinopathy with macular edema	Diagnosis	ICD-10-CM

**Appendix K. List of International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes and Healthcare Common Procedure Coding System (HCPCS) Codes Used to Define Baseline Characteristics in this Request**

<b>Code</b>	<b>Description</b>	<b>Code Category</b>	<b>Code Type</b>
E09.3411	Drug or chemical induced diabetes mellitus with severe nonproliferative diabetic retinopathy with macular edema, right eye	Diagnosis	ICD-10-CM
E09.3412	Drug or chemical induced diabetes mellitus with severe nonproliferative diabetic retinopathy with macular edema, left eye	Diagnosis	ICD-10-CM
E09.3413	Drug or chemical induced diabetes mellitus with severe nonproliferative diabetic retinopathy with macular edema, bilateral	Diagnosis	ICD-10-CM
E09.3419	Drug or chemical induced diabetes mellitus with severe nonproliferative diabetic retinopathy with macular edema, unspecified eye	Diagnosis	ICD-10-CM
E09.349	Drug or chemical induced diabetes mellitus with severe nonproliferative diabetic retinopathy without macular edema	Diagnosis	ICD-10-CM
E09.3491	Drug or chemical induced diabetes mellitus with severe nonproliferative diabetic retinopathy without macular edema, right eye	Diagnosis	ICD-10-CM
E09.3492	Drug or chemical induced diabetes mellitus with severe nonproliferative diabetic retinopathy without macular edema, left eye	Diagnosis	ICD-10-CM
E09.3493	Drug or chemical induced diabetes mellitus with severe nonproliferative diabetic retinopathy without macular edema, bilateral	Diagnosis	ICD-10-CM
E09.3499	Drug or chemical induced diabetes mellitus with severe nonproliferative diabetic retinopathy without macular edema, unspecified eye	Diagnosis	ICD-10-CM
E09.351	Drug or chemical induced diabetes mellitus with proliferative diabetic retinopathy with macular edema	Diagnosis	ICD-10-CM
E09.3511	Drug or chemical induced diabetes mellitus with proliferative diabetic retinopathy with macular edema, right eye	Diagnosis	ICD-10-CM
E09.3512	Drug or chemical induced diabetes mellitus with proliferative diabetic retinopathy with macular edema, left eye	Diagnosis	ICD-10-CM
E09.3513	Drug or chemical induced diabetes mellitus with proliferative diabetic retinopathy with macular edema, bilateral	Diagnosis	ICD-10-CM
E09.3519	Drug or chemical induced diabetes mellitus with proliferative diabetic retinopathy with macular edema, unspecified eye	Diagnosis	ICD-10-CM
E09.3521	Drug or chemical induced diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment involving the macula, right eye	Diagnosis	ICD-10-CM
E09.3522	Drug or chemical induced diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment involving the macula, left eye	Diagnosis	ICD-10-CM
E09.3523	Drug or chemical induced diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment involving the macula, bilateral	Diagnosis	ICD-10-CM
E09.3529	Drug or chemical induced diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment involving the macula, unspecified eye	Diagnosis	ICD-10-CM
E09.3531	Drug or chemical induced diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment not involving the macula, right eye	Diagnosis	ICD-10-CM
E09.3532	Drug or chemical induced diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment not involving the macula, left eye	Diagnosis	ICD-10-CM

**Appendix K. List of International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes and Healthcare Common Procedure Coding System (HCPCS) Codes Used to Define Baseline Characteristics in this Request**

<b>Code</b>	<b>Description</b>	<b>Code Category</b>	<b>Code Type</b>
E09.3533	Drug or chemical induced diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment not involving the macula, bilateral	Diagnosis	ICD-10-CM
E09.3539	Drug or chemical induced diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment not involving the macula, unspecified eye	Diagnosis	ICD-10-CM
E09.3541	Drug or chemical induced diabetes mellitus with proliferative diabetic retinopathy with combined traction retinal detachment and rhegmatogenous retinal detachment, right eye	Diagnosis	ICD-10-CM
E09.3542	Drug or chemical induced diabetes mellitus with proliferative diabetic retinopathy with combined traction retinal detachment and rhegmatogenous retinal detachment, left eye	Diagnosis	ICD-10-CM
E09.3543	Drug or chemical induced diabetes mellitus with proliferative diabetic retinopathy with combined traction retinal detachment and rhegmatogenous retinal detachment, bilateral	Diagnosis	ICD-10-CM
E09.3549	Drug or chemical induced diabetes mellitus with proliferative diabetic retinopathy with combined traction retinal detachment and rhegmatogenous retinal detachment, unspecified eye	Diagnosis	ICD-10-CM
E09.3551	Drug or chemical induced diabetes mellitus with stable proliferative diabetic retinopathy, right eye	Diagnosis	ICD-10-CM
E09.3552	Drug or chemical induced diabetes mellitus with stable proliferative diabetic retinopathy, left eye	Diagnosis	ICD-10-CM
E09.3553	Drug or chemical induced diabetes mellitus with stable proliferative diabetic retinopathy, bilateral	Diagnosis	ICD-10-CM
E09.3559	Drug or chemical induced diabetes mellitus with stable proliferative diabetic retinopathy, unspecified eye	Diagnosis	ICD-10-CM
E09.359	Drug or chemical induced diabetes mellitus with proliferative diabetic retinopathy without macular edema	Diagnosis	ICD-10-CM
E09.3591	Drug or chemical induced diabetes mellitus with proliferative diabetic retinopathy without macular edema, right eye	Diagnosis	ICD-10-CM
E09.3592	Drug or chemical induced diabetes mellitus with proliferative diabetic retinopathy without macular edema, left eye	Diagnosis	ICD-10-CM
E09.3593	Drug or chemical induced diabetes mellitus with proliferative diabetic retinopathy without macular edema, bilateral	Diagnosis	ICD-10-CM
E09.3599	Drug or chemical induced diabetes mellitus with proliferative diabetic retinopathy without macular edema, unspecified eye	Diagnosis	ICD-10-CM
E09.36	Drug or chemical induced diabetes mellitus with diabetic cataract	Diagnosis	ICD-10-CM
E09.37X1	Drug or chemical induced diabetes mellitus with diabetic macular edema, resolved following treatment, right eye	Diagnosis	ICD-10-CM
E09.37X2	Drug or chemical induced diabetes mellitus with diabetic macular edema, resolved following treatment, left eye	Diagnosis	ICD-10-CM
E09.37X3	Drug or chemical induced diabetes mellitus with diabetic macular edema, resolved following treatment, bilateral	Diagnosis	ICD-10-CM

**Appendix K. List of International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes and Healthcare Common Procedure Coding System (HCPCS) Codes Used to Define Baseline Characteristics in this Request**

<b>Code</b>	<b>Description</b>	<b>Code Category</b>	<b>Code Type</b>
E09.37X9	Drug or chemical induced diabetes mellitus with diabetic macular edema, resolved following treatment, unspecified eye	Diagnosis	ICD-10-CM
E09.39	Drug or chemical induced diabetes mellitus with other diabetic ophthalmic complication	Diagnosis	ICD-10-CM
E09.40	Drug or chemical induced diabetes mellitus with neurological complications with diabetic neuropathy, unspecified	Diagnosis	ICD-10-CM
E09.41	Drug or chemical induced diabetes mellitus with neurological complications with diabetic mononeuropathy	Diagnosis	ICD-10-CM
E09.42	Drug or chemical induced diabetes mellitus with neurological complications with diabetic polyneuropathy	Diagnosis	ICD-10-CM
E09.43	Drug or chemical induced diabetes mellitus with neurological complications with diabetic autonomic (poly)neuropathy	Diagnosis	ICD-10-CM
E09.44	Drug or chemical induced diabetes mellitus with neurological complications with diabetic amyotrophy	Diagnosis	ICD-10-CM
E09.49	Drug or chemical induced diabetes mellitus with neurological complications with other diabetic neurological complication	Diagnosis	ICD-10-CM
E09.51	Drug or chemical induced diabetes mellitus with diabetic peripheral angiopathy without gangrene	Diagnosis	ICD-10-CM
E09.52	Drug or chemical induced diabetes mellitus with diabetic peripheral angiopathy with gangrene	Diagnosis	ICD-10-CM
E09.59	Drug or chemical induced diabetes mellitus with other circulatory complications	Diagnosis	ICD-10-CM
E09.610	Drug or chemical induced diabetes mellitus with diabetic neuropathic arthropathy	Diagnosis	ICD-10-CM
E09.618	Drug or chemical induced diabetes mellitus with other diabetic arthropathy	Diagnosis	ICD-10-CM
E09.620	Drug or chemical induced diabetes mellitus with diabetic dermatitis	Diagnosis	ICD-10-CM
E09.621	Drug or chemical induced diabetes mellitus with foot ulcer	Diagnosis	ICD-10-CM
E09.622	Drug or chemical induced diabetes mellitus with other skin ulcer	Diagnosis	ICD-10-CM
E09.628	Drug or chemical induced diabetes mellitus with other skin complications	Diagnosis	ICD-10-CM
E09.630	Drug or chemical induced diabetes mellitus with periodontal disease	Diagnosis	ICD-10-CM
E09.638	Drug or chemical induced diabetes mellitus with other oral complications	Diagnosis	ICD-10-CM
E09.641	Drug or chemical induced diabetes mellitus with hypoglycemia with coma	Diagnosis	ICD-10-CM
E09.649	Drug or chemical induced diabetes mellitus with hypoglycemia without coma	Diagnosis	ICD-10-CM
E09.65	Drug or chemical induced diabetes mellitus with hyperglycemia	Diagnosis	ICD-10-CM
E09.69	Drug or chemical induced diabetes mellitus with other specified complication	Diagnosis	ICD-10-CM
E09.8	Drug or chemical induced diabetes mellitus with unspecified complications	Diagnosis	ICD-10-CM
E09.9	Drug or chemical induced diabetes mellitus without complications	Diagnosis	ICD-10-CM
E10.10	Type 1 diabetes mellitus with ketoacidosis without coma	Diagnosis	ICD-10-CM
E10.11	Type 1 diabetes mellitus with ketoacidosis with coma	Diagnosis	ICD-10-CM
E10.21	Type 1 diabetes mellitus with diabetic nephropathy	Diagnosis	ICD-10-CM
E10.22	Type 1 diabetes mellitus with diabetic chronic kidney disease	Diagnosis	ICD-10-CM
E10.29	Type 1 diabetes mellitus with other diabetic kidney complication	Diagnosis	ICD-10-CM
E10.311	Type 1 diabetes mellitus with unspecified diabetic retinopathy with macular edema	Diagnosis	ICD-10-CM



**Appendix K. List of International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes and Healthcare Common Procedure Coding System (HCPCS) Codes Used to Define Baseline Characteristics in this Request**

<b>Code</b>	<b>Description</b>	<b>Code Category</b>	<b>Code Type</b>
E10.319	Type 1 diabetes mellitus with unspecified diabetic retinopathy without macular edema	Diagnosis	ICD-10-CM
E10.321	Type 1 diabetes mellitus with mild nonproliferative diabetic retinopathy with macular edema	Diagnosis	ICD-10-CM
E10.3211	Type 1 diabetes mellitus with mild nonproliferative diabetic retinopathy with macular edema, right eye	Diagnosis	ICD-10-CM
E10.3212	Type 1 diabetes mellitus with mild nonproliferative diabetic retinopathy with macular edema, left eye	Diagnosis	ICD-10-CM
E10.3213	Type 1 diabetes mellitus with mild nonproliferative diabetic retinopathy with macular edema, bilateral	Diagnosis	ICD-10-CM
E10.3219	Type 1 diabetes mellitus with mild nonproliferative diabetic retinopathy with macular edema, unspecified eye	Diagnosis	ICD-10-CM
E10.329	Type 1 diabetes mellitus with mild nonproliferative diabetic retinopathy without macular edema	Diagnosis	ICD-10-CM
E10.3291	Type 1 diabetes mellitus with mild nonproliferative diabetic retinopathy without macular edema, right eye	Diagnosis	ICD-10-CM
E10.3292	Type 1 diabetes mellitus with mild nonproliferative diabetic retinopathy without macular edema, left eye	Diagnosis	ICD-10-CM
E10.3293	Type 1 diabetes mellitus with mild nonproliferative diabetic retinopathy without macular edema, bilateral	Diagnosis	ICD-10-CM
E10.3299	Type 1 diabetes mellitus with mild nonproliferative diabetic retinopathy without macular edema, unspecified eye	Diagnosis	ICD-10-CM
E10.331	Type 1 diabetes mellitus with moderate nonproliferative diabetic retinopathy with macular edema	Diagnosis	ICD-10-CM
E10.3311	Type 1 diabetes mellitus with moderate nonproliferative diabetic retinopathy with macular edema, right eye	Diagnosis	ICD-10-CM
E10.3312	Type 1 diabetes mellitus with moderate nonproliferative diabetic retinopathy with macular edema, left eye	Diagnosis	ICD-10-CM
E10.3313	Type 1 diabetes mellitus with moderate nonproliferative diabetic retinopathy with macular edema, bilateral	Diagnosis	ICD-10-CM
E10.3319	Type 1 diabetes mellitus with moderate nonproliferative diabetic retinopathy with macular edema, unspecified eye	Diagnosis	ICD-10-CM
E10.339	Type 1 diabetes mellitus with moderate nonproliferative diabetic retinopathy without macular edema	Diagnosis	ICD-10-CM
E10.3391	Type 1 diabetes mellitus with moderate nonproliferative diabetic retinopathy without macular edema, right eye	Diagnosis	ICD-10-CM
E10.3392	Type 1 diabetes mellitus with moderate nonproliferative diabetic retinopathy without macular edema, left eye	Diagnosis	ICD-10-CM
E10.3393	Type 1 diabetes mellitus with moderate nonproliferative diabetic retinopathy without macular edema, bilateral	Diagnosis	ICD-10-CM
E10.3399	Type 1 diabetes mellitus with moderate nonproliferative diabetic retinopathy without macular edema, unspecified eye	Diagnosis	ICD-10-CM
E10.341	Type 1 diabetes mellitus with severe nonproliferative diabetic retinopathy with macular edema	Diagnosis	ICD-10-CM



**Appendix K. List of International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes and Healthcare Common Procedure Coding System (HCPCS) Codes Used to Define Baseline Characteristics in this Request**

<b>Code</b>	<b>Description</b>	<b>Code Category</b>	<b>Code Type</b>
E10.3411	Type 1 diabetes mellitus with severe nonproliferative diabetic retinopathy with macular edema, right eye	Diagnosis	ICD-10-CM
E10.3412	Type 1 diabetes mellitus with severe nonproliferative diabetic retinopathy with macular edema, left eye	Diagnosis	ICD-10-CM
E10.3413	Type 1 diabetes mellitus with severe nonproliferative diabetic retinopathy with macular edema, bilateral	Diagnosis	ICD-10-CM
E10.3419	Type 1 diabetes mellitus with severe nonproliferative diabetic retinopathy with macular edema, unspecified eye	Diagnosis	ICD-10-CM
E10.349	Type 1 diabetes mellitus with severe nonproliferative diabetic retinopathy without macular edema	Diagnosis	ICD-10-CM
E10.3491	Type 1 diabetes mellitus with severe nonproliferative diabetic retinopathy without macular edema, right eye	Diagnosis	ICD-10-CM
E10.3492	Type 1 diabetes mellitus with severe nonproliferative diabetic retinopathy without macular edema, left eye	Diagnosis	ICD-10-CM
E10.3493	Type 1 diabetes mellitus with severe nonproliferative diabetic retinopathy without macular edema, bilateral	Diagnosis	ICD-10-CM
E10.3499	Type 1 diabetes mellitus with severe nonproliferative diabetic retinopathy without macular edema, unspecified eye	Diagnosis	ICD-10-CM
E10.351	Type 1 diabetes mellitus with proliferative diabetic retinopathy with macular edema	Diagnosis	ICD-10-CM
E10.3511	Type 1 diabetes mellitus with proliferative diabetic retinopathy with macular edema, right eye	Diagnosis	ICD-10-CM
E10.3512	Type 1 diabetes mellitus with proliferative diabetic retinopathy with macular edema, left eye	Diagnosis	ICD-10-CM
E10.3513	Type 1 diabetes mellitus with proliferative diabetic retinopathy with macular edema, bilateral	Diagnosis	ICD-10-CM
E10.3519	Type 1 diabetes mellitus with proliferative diabetic retinopathy with macular edema, unspecified eye	Diagnosis	ICD-10-CM
E10.3521	Type 1 diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment involving the macula, right eye	Diagnosis	ICD-10-CM
E10.3522	Type 1 diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment involving the macula, left eye	Diagnosis	ICD-10-CM
E10.3523	Type 1 diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment involving the macula, bilateral	Diagnosis	ICD-10-CM
E10.3529	Type 1 diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment involving the macula, unspecified eye	Diagnosis	ICD-10-CM
E10.3531	Type 1 diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment not involving the macula, right eye	Diagnosis	ICD-10-CM
E10.3532	Type 1 diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment not involving the macula, left eye	Diagnosis	ICD-10-CM
E10.3533	Type 1 diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment not involving the macula, bilateral	Diagnosis	ICD-10-CM
E10.3539	Type 1 diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment not involving the macula, unspecified eye	Diagnosis	ICD-10-CM

**Appendix K. List of International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes and Healthcare Common Procedure Coding System (HCPCS) Codes Used to Define Baseline Characteristics in this Request**

<b>Code</b>	<b>Description</b>	<b>Code Category</b>	<b>Code Type</b>
E10.3541	Type 1 diabetes mellitus with proliferative diabetic retinopathy with combined traction retinal detachment and rhegmatogenous retinal detachment, right eye	Diagnosis	ICD-10-CM
E10.3542	Type 1 diabetes mellitus with proliferative diabetic retinopathy with combined traction retinal detachment and rhegmatogenous retinal detachment, left eye	Diagnosis	ICD-10-CM
E10.3543	Type 1 diabetes mellitus with proliferative diabetic retinopathy with combined traction retinal detachment and rhegmatogenous retinal detachment, bilateral	Diagnosis	ICD-10-CM
E10.3549	Type 1 diabetes mellitus with proliferative diabetic retinopathy with combined traction retinal detachment and rhegmatogenous retinal detachment, unspecified eye	Diagnosis	ICD-10-CM
E10.3551	Type 1 diabetes mellitus with stable proliferative diabetic retinopathy, right eye	Diagnosis	ICD-10-CM
E10.3552	Type 1 diabetes mellitus with stable proliferative diabetic retinopathy, left eye	Diagnosis	ICD-10-CM
E10.3553	Type 1 diabetes mellitus with stable proliferative diabetic retinopathy, bilateral	Diagnosis	ICD-10-CM
E10.3559	Type 1 diabetes mellitus with stable proliferative diabetic retinopathy, unspecified eye	Diagnosis	ICD-10-CM
E10.359	Type 1 diabetes mellitus with proliferative diabetic retinopathy without macular edema	Diagnosis	ICD-10-CM
E10.3591	Type 1 diabetes mellitus with proliferative diabetic retinopathy without macular edema, right eye	Diagnosis	ICD-10-CM
E10.3592	Type 1 diabetes mellitus with proliferative diabetic retinopathy without macular edema, left eye	Diagnosis	ICD-10-CM
E10.3593	Type 1 diabetes mellitus with proliferative diabetic retinopathy without macular edema, bilateral	Diagnosis	ICD-10-CM
E10.3599	Type 1 diabetes mellitus with proliferative diabetic retinopathy without macular edema, unspecified eye	Diagnosis	ICD-10-CM
E10.36	Type 1 diabetes mellitus with diabetic cataract	Diagnosis	ICD-10-CM
E10.37X1	Type 1 diabetes mellitus with diabetic macular edema, resolved following treatment, right eye	Diagnosis	ICD-10-CM
E10.37X2	Type 1 diabetes mellitus with diabetic macular edema, resolved following treatment, left eye	Diagnosis	ICD-10-CM
E10.37X3	Type 1 diabetes mellitus with diabetic macular edema, resolved following treatment, bilateral	Diagnosis	ICD-10-CM
E10.37X9	Type 1 diabetes mellitus with diabetic macular edema, resolved following treatment, unspecified eye	Diagnosis	ICD-10-CM
E10.39	Type 1 diabetes mellitus with other diabetic ophthalmic complication	Diagnosis	ICD-10-CM
E10.40	Type 1 diabetes mellitus with diabetic neuropathy, unspecified	Diagnosis	ICD-10-CM
E10.41	Type 1 diabetes mellitus with diabetic mononeuropathy	Diagnosis	ICD-10-CM
E10.42	Type 1 diabetes mellitus with diabetic polyneuropathy	Diagnosis	ICD-10-CM
E10.43	Type 1 diabetes mellitus with diabetic autonomic (poly)neuropathy	Diagnosis	ICD-10-CM
E10.44	Type 1 diabetes mellitus with diabetic amyotrophy	Diagnosis	ICD-10-CM

**Appendix K. List of International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes and Healthcare Common Procedure Coding System (HCPCS) Codes Used to Define Baseline Characteristics in this Request**

<b>Code</b>	<b>Description</b>	<b>Code Category</b>	<b>Code Type</b>
E10.49	Type 1 diabetes mellitus with other diabetic neurological complication	Diagnosis	ICD-10-CM
E10.51	Type 1 diabetes mellitus with diabetic peripheral angiopathy without gangrene	Diagnosis	ICD-10-CM
E10.52	Type 1 diabetes mellitus with diabetic peripheral angiopathy with gangrene	Diagnosis	ICD-10-CM
E10.59	Type 1 diabetes mellitus with other circulatory complications	Diagnosis	ICD-10-CM
E10.610	Type 1 diabetes mellitus with diabetic neuropathic arthropathy	Diagnosis	ICD-10-CM
E10.618	Type 1 diabetes mellitus with other diabetic arthropathy	Diagnosis	ICD-10-CM
E10.620	Type 1 diabetes mellitus with diabetic dermatitis	Diagnosis	ICD-10-CM
E10.621	Type 1 diabetes mellitus with foot ulcer	Diagnosis	ICD-10-CM
E10.622	Type 1 diabetes mellitus with other skin ulcer	Diagnosis	ICD-10-CM
E10.628	Type 1 diabetes mellitus with other skin complications	Diagnosis	ICD-10-CM
E10.630	Type 1 diabetes mellitus with periodontal disease	Diagnosis	ICD-10-CM
E10.638	Type 1 diabetes mellitus with other oral complications	Diagnosis	ICD-10-CM
E10.641	Type 1 diabetes mellitus with hypoglycemia with coma	Diagnosis	ICD-10-CM
E10.649	Type 1 diabetes mellitus with hypoglycemia without coma	Diagnosis	ICD-10-CM
E10.65	Type 1 diabetes mellitus with hyperglycemia	Diagnosis	ICD-10-CM
E10.69	Type 1 diabetes mellitus with other specified complication	Diagnosis	ICD-10-CM
E10.8	Type 1 diabetes mellitus with unspecified complications	Diagnosis	ICD-10-CM
E10.9	Type 1 diabetes mellitus without complications	Diagnosis	ICD-10-CM
E11.00	Type 2 diabetes mellitus with hyperosmolarity without nonketotic hyperglycemic-hyperosmolar coma (NKHHC)	Diagnosis	ICD-10-CM
E11.01	Type 2 diabetes mellitus with hyperosmolarity with coma	Diagnosis	ICD-10-CM
E11.10	Type 2 diabetes mellitus with ketoacidosis without coma	Diagnosis	ICD-10-CM
E11.11	Type 2 diabetes mellitus with ketoacidosis with coma	Diagnosis	ICD-10-CM
E11.21	Type 2 diabetes mellitus with diabetic nephropathy	Diagnosis	ICD-10-CM
E11.22	Type 2 diabetes mellitus with diabetic chronic kidney disease	Diagnosis	ICD-10-CM
E11.29	Type 2 diabetes mellitus with other diabetic kidney complication	Diagnosis	ICD-10-CM
E11.311	Type 2 diabetes mellitus with unspecified diabetic retinopathy with macular edema	Diagnosis	ICD-10-CM
E11.319	Type 2 diabetes mellitus with unspecified diabetic retinopathy without macular edema	Diagnosis	ICD-10-CM
E11.321	Type 2 diabetes mellitus with mild nonproliferative diabetic retinopathy with macular edema	Diagnosis	ICD-10-CM
E11.3211	Type 2 diabetes mellitus with mild nonproliferative diabetic retinopathy with macular edema, right eye	Diagnosis	ICD-10-CM
E11.3212	Type 2 diabetes mellitus with mild nonproliferative diabetic retinopathy with macular edema, left eye	Diagnosis	ICD-10-CM
E11.3213	Type 2 diabetes mellitus with mild nonproliferative diabetic retinopathy with macular edema, bilateral	Diagnosis	ICD-10-CM
E11.3219	Type 2 diabetes mellitus with mild nonproliferative diabetic retinopathy with macular edema, unspecified eye	Diagnosis	ICD-10-CM
E11.329	Type 2 diabetes mellitus with mild nonproliferative diabetic retinopathy without macular edema	Diagnosis	ICD-10-CM

**Appendix K. List of International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes and Healthcare Common Procedure Coding System (HCPCS) Codes Used to Define Baseline Characteristics in this Request**

<b>Code</b>	<b>Description</b>	<b>Code Category</b>	<b>Code Type</b>
E11.3291	Type 2 diabetes mellitus with mild nonproliferative diabetic retinopathy without macular edema, right eye	Diagnosis	ICD-10-CM
E11.3292	Type 2 diabetes mellitus with mild nonproliferative diabetic retinopathy without macular edema, left eye	Diagnosis	ICD-10-CM
E11.3293	Type 2 diabetes mellitus with mild nonproliferative diabetic retinopathy without macular edema, bilateral	Diagnosis	ICD-10-CM
E11.3299	Type 2 diabetes mellitus with mild nonproliferative diabetic retinopathy without macular edema, unspecified eye	Diagnosis	ICD-10-CM
E11.331	Type 2 diabetes mellitus with moderate nonproliferative diabetic retinopathy with macular edema	Diagnosis	ICD-10-CM
E11.3311	Type 2 diabetes mellitus with moderate nonproliferative diabetic retinopathy with macular edema, right eye	Diagnosis	ICD-10-CM
E11.3312	Type 2 diabetes mellitus with moderate nonproliferative diabetic retinopathy with macular edema, left eye	Diagnosis	ICD-10-CM
E11.3313	Type 2 diabetes mellitus with moderate nonproliferative diabetic retinopathy with macular edema, bilateral	Diagnosis	ICD-10-CM
E11.3319	Type 2 diabetes mellitus with moderate nonproliferative diabetic retinopathy with macular edema, unspecified eye	Diagnosis	ICD-10-CM
E11.339	Type 2 diabetes mellitus with moderate nonproliferative diabetic retinopathy without macular edema	Diagnosis	ICD-10-CM
E11.3391	Type 2 diabetes mellitus with moderate nonproliferative diabetic retinopathy without macular edema, right eye	Diagnosis	ICD-10-CM
E11.3392	Type 2 diabetes mellitus with moderate nonproliferative diabetic retinopathy without macular edema, left eye	Diagnosis	ICD-10-CM
E11.3393	Type 2 diabetes mellitus with moderate nonproliferative diabetic retinopathy without macular edema, bilateral	Diagnosis	ICD-10-CM
E11.3399	Type 2 diabetes mellitus with moderate nonproliferative diabetic retinopathy without macular edema, unspecified eye	Diagnosis	ICD-10-CM
E11.341	Type 2 diabetes mellitus with severe nonproliferative diabetic retinopathy with macular edema	Diagnosis	ICD-10-CM
E11.3411	Type 2 diabetes mellitus with severe nonproliferative diabetic retinopathy with macular edema, right eye	Diagnosis	ICD-10-CM
E11.3412	Type 2 diabetes mellitus with severe nonproliferative diabetic retinopathy with macular edema, left eye	Diagnosis	ICD-10-CM
E11.3413	Type 2 diabetes mellitus with severe nonproliferative diabetic retinopathy with macular edema, bilateral	Diagnosis	ICD-10-CM
E11.3419	Type 2 diabetes mellitus with severe nonproliferative diabetic retinopathy with macular edema, unspecified eye	Diagnosis	ICD-10-CM
E11.349	Type 2 diabetes mellitus with severe nonproliferative diabetic retinopathy without macular edema	Diagnosis	ICD-10-CM
E11.3491	Type 2 diabetes mellitus with severe nonproliferative diabetic retinopathy without macular edema, right eye	Diagnosis	ICD-10-CM
E11.3492	Type 2 diabetes mellitus with severe nonproliferative diabetic retinopathy without macular edema, left eye	Diagnosis	ICD-10-CM

**Appendix K. List of International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes and Healthcare Common Procedure Coding System (HCPCS) Codes Used to Define Baseline Characteristics in this Request**

<b>Code</b>	<b>Description</b>	<b>Code Category</b>	<b>Code Type</b>
E11.3493	Type 2 diabetes mellitus with severe nonproliferative diabetic retinopathy without macular edema, bilateral	Diagnosis	ICD-10-CM
E11.3499	Type 2 diabetes mellitus with severe nonproliferative diabetic retinopathy without macular edema, unspecified eye	Diagnosis	ICD-10-CM
E11.351	Type 2 diabetes mellitus with proliferative diabetic retinopathy with macular edema	Diagnosis	ICD-10-CM
E11.3511	Type 2 diabetes mellitus with proliferative diabetic retinopathy with macular edema, right eye	Diagnosis	ICD-10-CM
E11.3512	Type 2 diabetes mellitus with proliferative diabetic retinopathy with macular edema, left eye	Diagnosis	ICD-10-CM
E11.3513	Type 2 diabetes mellitus with proliferative diabetic retinopathy with macular edema, bilateral	Diagnosis	ICD-10-CM
E11.3519	Type 2 diabetes mellitus with proliferative diabetic retinopathy with macular edema, unspecified eye	Diagnosis	ICD-10-CM
E11.3521	Type 2 diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment involving the macula, right eye	Diagnosis	ICD-10-CM
E11.3522	Type 2 diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment involving the macula, left eye	Diagnosis	ICD-10-CM
E11.3523	Type 2 diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment involving the macula, bilateral	Diagnosis	ICD-10-CM
E11.3529	Type 2 diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment involving the macula, unspecified eye	Diagnosis	ICD-10-CM
E11.3531	Type 2 diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment not involving the macula, right eye	Diagnosis	ICD-10-CM
E11.3532	Type 2 diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment not involving the macula, left eye	Diagnosis	ICD-10-CM
E11.3533	Type 2 diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment not involving the macula, bilateral	Diagnosis	ICD-10-CM
E11.3539	Type 2 diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment not involving the macula, unspecified eye	Diagnosis	ICD-10-CM
E11.3541	Type 2 diabetes mellitus with proliferative diabetic retinopathy with combined traction retinal detachment and rhegmatogenous retinal detachment, right eye	Diagnosis	ICD-10-CM
E11.3542	Type 2 diabetes mellitus with proliferative diabetic retinopathy with combined traction retinal detachment and rhegmatogenous retinal detachment, left eye	Diagnosis	ICD-10-CM
E11.3543	Type 2 diabetes mellitus with proliferative diabetic retinopathy with combined traction retinal detachment and rhegmatogenous retinal detachment, bilateral	Diagnosis	ICD-10-CM
E11.3549	Type 2 diabetes mellitus with proliferative diabetic retinopathy with combined traction retinal detachment and rhegmatogenous retinal detachment, unspecified eye	Diagnosis	ICD-10-CM
E11.3551	Type 2 diabetes mellitus with stable proliferative diabetic retinopathy, right eye	Diagnosis	ICD-10-CM

**Appendix K. List of International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes and Healthcare Common Procedure Coding System (HCPCS) Codes Used to Define Baseline Characteristics in this Request**

<b>Code</b>	<b>Description</b>	<b>Code Category</b>	<b>Code Type</b>
E11.3552	Type 2 diabetes mellitus with stable proliferative diabetic retinopathy, left eye	Diagnosis	ICD-10-CM
E11.3553	Type 2 diabetes mellitus with stable proliferative diabetic retinopathy, bilateral	Diagnosis	ICD-10-CM
E11.3559	Type 2 diabetes mellitus with stable proliferative diabetic retinopathy, unspecified eye	Diagnosis	ICD-10-CM
E11.359	Type 2 diabetes mellitus with proliferative diabetic retinopathy without macular edema	Diagnosis	ICD-10-CM
E11.3591	Type 2 diabetes mellitus with proliferative diabetic retinopathy without macular edema, right eye	Diagnosis	ICD-10-CM
E11.3592	Type 2 diabetes mellitus with proliferative diabetic retinopathy without macular edema, left eye	Diagnosis	ICD-10-CM
E11.3593	Type 2 diabetes mellitus with proliferative diabetic retinopathy without macular edema, bilateral	Diagnosis	ICD-10-CM
E11.3599	Type 2 diabetes mellitus with proliferative diabetic retinopathy without macular edema, unspecified eye	Diagnosis	ICD-10-CM
E11.36	Type 2 diabetes mellitus with diabetic cataract	Diagnosis	ICD-10-CM
E11.37X1	Type 2 diabetes mellitus with diabetic macular edema, resolved following treatment, right eye	Diagnosis	ICD-10-CM
E11.37X2	Type 2 diabetes mellitus with diabetic macular edema, resolved following treatment, left eye	Diagnosis	ICD-10-CM
E11.37X3	Type 2 diabetes mellitus with diabetic macular edema, resolved following treatment, bilateral	Diagnosis	ICD-10-CM
E11.37X9	Type 2 diabetes mellitus with diabetic macular edema, resolved following treatment, unspecified eye	Diagnosis	ICD-10-CM
E11.39	Type 2 diabetes mellitus with other diabetic ophthalmic complication	Diagnosis	ICD-10-CM
E11.40	Type 2 diabetes mellitus with diabetic neuropathy, unspecified	Diagnosis	ICD-10-CM
E11.41	Type 2 diabetes mellitus with diabetic mononeuropathy	Diagnosis	ICD-10-CM
E11.42	Type 2 diabetes mellitus with diabetic polyneuropathy	Diagnosis	ICD-10-CM
E11.43	Type 2 diabetes mellitus with diabetic autonomic (poly)neuropathy	Diagnosis	ICD-10-CM
E11.44	Type 2 diabetes mellitus with diabetic amyotrophy	Diagnosis	ICD-10-CM
E11.49	Type 2 diabetes mellitus with other diabetic neurological complication	Diagnosis	ICD-10-CM
E11.51	Type 2 diabetes mellitus with diabetic peripheral angiopathy without gangrene	Diagnosis	ICD-10-CM
E11.52	Type 2 diabetes mellitus with diabetic peripheral angiopathy with gangrene	Diagnosis	ICD-10-CM
E11.59	Type 2 diabetes mellitus with other circulatory complications	Diagnosis	ICD-10-CM
E11.610	Type 2 diabetes mellitus with diabetic neuropathic arthropathy	Diagnosis	ICD-10-CM
E11.618	Type 2 diabetes mellitus with other diabetic arthropathy	Diagnosis	ICD-10-CM
E11.620	Type 2 diabetes mellitus with diabetic dermatitis	Diagnosis	ICD-10-CM
E11.621	Type 2 diabetes mellitus with foot ulcer	Diagnosis	ICD-10-CM
E11.622	Type 2 diabetes mellitus with other skin ulcer	Diagnosis	ICD-10-CM
E11.628	Type 2 diabetes mellitus with other skin complications	Diagnosis	ICD-10-CM
E11.630	Type 2 diabetes mellitus with periodontal disease	Diagnosis	ICD-10-CM
E11.638	Type 2 diabetes mellitus with other oral complications	Diagnosis	ICD-10-CM
E11.641	Type 2 diabetes mellitus with hypoglycemia with coma	Diagnosis	ICD-10-CM



**Appendix K. List of International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes and Healthcare Common Procedure Coding System (HCPCS) Codes Used to Define Baseline Characteristics in this Request**

<b>Code</b>	<b>Description</b>	<b>Code Category</b>	<b>Code Type</b>
E11.649	Type 2 diabetes mellitus with hypoglycemia without coma	Diagnosis	ICD-10-CM
E11.65	Type 2 diabetes mellitus with hyperglycemia	Diagnosis	ICD-10-CM
E11.69	Type 2 diabetes mellitus with other specified complication	Diagnosis	ICD-10-CM
E11.8	Type 2 diabetes mellitus with unspecified complications	Diagnosis	ICD-10-CM
E11.9	Type 2 diabetes mellitus without complications	Diagnosis	ICD-10-CM
E13.00	Other specified diabetes mellitus with hyperosmolarity without nonketotic hyperglycemic-hyperosmolar coma (NKHHC)	Diagnosis	ICD-10-CM
E13.01	Other specified diabetes mellitus with hyperosmolarity with coma	Diagnosis	ICD-10-CM
E13.10	Other specified diabetes mellitus with ketoacidosis without coma	Diagnosis	ICD-10-CM
E13.11	Other specified diabetes mellitus with ketoacidosis with coma	Diagnosis	ICD-10-CM
E13.21	Other specified diabetes mellitus with diabetic nephropathy	Diagnosis	ICD-10-CM
E13.22	Other specified diabetes mellitus with diabetic chronic kidney disease	Diagnosis	ICD-10-CM
E13.29	Other specified diabetes mellitus with other diabetic kidney complication	Diagnosis	ICD-10-CM
E13.311	Other specified diabetes mellitus with unspecified diabetic retinopathy with macular edema	Diagnosis	ICD-10-CM
E13.319	Other specified diabetes mellitus with unspecified diabetic retinopathy without macular edema	Diagnosis	ICD-10-CM
E13.321	Other specified diabetes mellitus with mild nonproliferative diabetic retinopathy with macular edema	Diagnosis	ICD-10-CM
E13.3211	Other specified diabetes mellitus with mild nonproliferative diabetic retinopathy with macular edema, right eye	Diagnosis	ICD-10-CM
E13.3212	Other specified diabetes mellitus with mild nonproliferative diabetic retinopathy with macular edema, left eye	Diagnosis	ICD-10-CM
E13.3213	Other specified diabetes mellitus with mild nonproliferative diabetic retinopathy with macular edema, bilateral	Diagnosis	ICD-10-CM
E13.3219	Other specified diabetes mellitus with mild nonproliferative diabetic retinopathy with macular edema, unspecified eye	Diagnosis	ICD-10-CM
E13.329	Other specified diabetes mellitus with mild nonproliferative diabetic retinopathy without macular edema	Diagnosis	ICD-10-CM
E13.3291	Other specified diabetes mellitus with mild nonproliferative diabetic retinopathy without macular edema, right eye	Diagnosis	ICD-10-CM
E13.3292	Other specified diabetes mellitus with mild nonproliferative diabetic retinopathy without macular edema, left eye	Diagnosis	ICD-10-CM
E13.3293	Other specified diabetes mellitus with mild nonproliferative diabetic retinopathy without macular edema, bilateral	Diagnosis	ICD-10-CM
E13.3299	Other specified diabetes mellitus with mild nonproliferative diabetic retinopathy without macular edema, unspecified eye	Diagnosis	ICD-10-CM
E13.331	Other specified diabetes mellitus with moderate nonproliferative diabetic retinopathy with macular edema	Diagnosis	ICD-10-CM
E13.3311	Other specified diabetes mellitus with moderate nonproliferative diabetic retinopathy with macular edema, right eye	Diagnosis	ICD-10-CM
E13.3312	Other specified diabetes mellitus with moderate nonproliferative diabetic retinopathy with macular edema, left eye	Diagnosis	ICD-10-CM



**Appendix K. List of International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes and Healthcare Common Procedure Coding System (HCPCS) Codes Used to Define Baseline Characteristics in this Request**

<b>Code</b>	<b>Description</b>	<b>Code Category</b>	<b>Code Type</b>
E13.3313	Other specified diabetes mellitus with moderate nonproliferative diabetic retinopathy with macular edema, bilateral	Diagnosis	ICD-10-CM
E13.3319	Other specified diabetes mellitus with moderate nonproliferative diabetic retinopathy with macular edema, unspecified eye	Diagnosis	ICD-10-CM
E13.339	Other specified diabetes mellitus with moderate nonproliferative diabetic retinopathy without macular edema	Diagnosis	ICD-10-CM
E13.3391	Other specified diabetes mellitus with moderate nonproliferative diabetic retinopathy without macular edema, right eye	Diagnosis	ICD-10-CM
E13.3392	Other specified diabetes mellitus with moderate nonproliferative diabetic retinopathy without macular edema, left eye	Diagnosis	ICD-10-CM
E13.3393	Other specified diabetes mellitus with moderate nonproliferative diabetic retinopathy without macular edema, bilateral	Diagnosis	ICD-10-CM
E13.3399	Other specified diabetes mellitus with moderate nonproliferative diabetic retinopathy without macular edema, unspecified eye	Diagnosis	ICD-10-CM
E13.341	Other specified diabetes mellitus with severe nonproliferative diabetic retinopathy with macular edema	Diagnosis	ICD-10-CM
E13.3411	Other specified diabetes mellitus with severe nonproliferative diabetic retinopathy with macular edema, right eye	Diagnosis	ICD-10-CM
E13.3412	Other specified diabetes mellitus with severe nonproliferative diabetic retinopathy with macular edema, left eye	Diagnosis	ICD-10-CM
E13.3413	Other specified diabetes mellitus with severe nonproliferative diabetic retinopathy with macular edema, bilateral	Diagnosis	ICD-10-CM
E13.3419	Other specified diabetes mellitus with severe nonproliferative diabetic retinopathy with macular edema, unspecified eye	Diagnosis	ICD-10-CM
E13.349	Other specified diabetes mellitus with severe nonproliferative diabetic retinopathy without macular edema	Diagnosis	ICD-10-CM
E13.3491	Other specified diabetes mellitus with severe nonproliferative diabetic retinopathy without macular edema, right eye	Diagnosis	ICD-10-CM
E13.3492	Other specified diabetes mellitus with severe nonproliferative diabetic retinopathy without macular edema, left eye	Diagnosis	ICD-10-CM
E13.3493	Other specified diabetes mellitus with severe nonproliferative diabetic retinopathy without macular edema, bilateral	Diagnosis	ICD-10-CM
E13.3499	Other specified diabetes mellitus with severe nonproliferative diabetic retinopathy without macular edema, unspecified eye	Diagnosis	ICD-10-CM
E13.351	Other specified diabetes mellitus with proliferative diabetic retinopathy with macular edema	Diagnosis	ICD-10-CM
E13.3511	Other specified diabetes mellitus with proliferative diabetic retinopathy with macular edema, right eye	Diagnosis	ICD-10-CM
E13.3512	Other specified diabetes mellitus with proliferative diabetic retinopathy with macular edema, left eye	Diagnosis	ICD-10-CM
E13.3513	Other specified diabetes mellitus with proliferative diabetic retinopathy with macular edema, bilateral	Diagnosis	ICD-10-CM
E13.3519	Other specified diabetes mellitus with proliferative diabetic retinopathy with macular edema, unspecified eye	Diagnosis	ICD-10-CM

**Appendix K. List of International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes and Healthcare Common Procedure Coding System (HCPCS) Codes Used to Define Baseline Characteristics in this Request**

<b>Code</b>	<b>Description</b>	<b>Code Category</b>	<b>Code Type</b>
E13.3521	Other specified diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment involving the macula, right eye	Diagnosis	ICD-10-CM
E13.3522	Other specified diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment involving the macula, left eye	Diagnosis	ICD-10-CM
E13.3523	Other specified diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment involving the macula, bilateral	Diagnosis	ICD-10-CM
E13.3529	Other specified diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment involving the macula, unspecified eye	Diagnosis	ICD-10-CM
E13.3531	Other specified diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment not involving the macula, right eye	Diagnosis	ICD-10-CM
E13.3532	Other specified diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment not involving the macula, left eye	Diagnosis	ICD-10-CM
E13.3533	Other specified diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment not involving the macula, bilateral	Diagnosis	ICD-10-CM
E13.3539	Other specified diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment not involving the macula, unspecified eye	Diagnosis	ICD-10-CM
E13.3541	Other specified diabetes mellitus with proliferative diabetic retinopathy with combined traction retinal detachment and rhegmatogenous retinal detachment, right eye	Diagnosis	ICD-10-CM
E13.3542	Other specified diabetes mellitus with proliferative diabetic retinopathy with combined traction retinal detachment and rhegmatogenous retinal detachment, left eye	Diagnosis	ICD-10-CM
E13.3543	Other specified diabetes mellitus with proliferative diabetic retinopathy with combined traction retinal detachment and rhegmatogenous retinal detachment, bilateral	Diagnosis	ICD-10-CM
E13.3549	Other specified diabetes mellitus with proliferative diabetic retinopathy with combined traction retinal detachment and rhegmatogenous retinal detachment, unspecified eye	Diagnosis	ICD-10-CM
E13.3551	Other specified diabetes mellitus with stable proliferative diabetic retinopathy, right eye	Diagnosis	ICD-10-CM
E13.3552	Other specified diabetes mellitus with stable proliferative diabetic retinopathy, left eye	Diagnosis	ICD-10-CM
E13.3553	Other specified diabetes mellitus with stable proliferative diabetic retinopathy, bilateral	Diagnosis	ICD-10-CM
E13.3559	Other specified diabetes mellitus with stable proliferative diabetic retinopathy, unspecified eye	Diagnosis	ICD-10-CM
E13.359	Other specified diabetes mellitus with proliferative diabetic retinopathy without macular edema	Diagnosis	ICD-10-CM
E13.3591	Other specified diabetes mellitus with proliferative diabetic retinopathy without macular edema, right eye	Diagnosis	ICD-10-CM
E13.3592	Other specified diabetes mellitus with proliferative diabetic retinopathy without macular edema, left eye	Diagnosis	ICD-10-CM
E13.3593	Other specified diabetes mellitus with proliferative diabetic retinopathy without macular edema, bilateral	Diagnosis	ICD-10-CM

**Appendix K. List of International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes and Healthcare Common Procedure Coding System (HCPCS) Codes Used to Define Baseline Characteristics in this Request**

Code	Description	Code Category	Code Type
E13.3599	Other specified diabetes mellitus with proliferative diabetic retinopathy without macular edema, unspecified eye	Diagnosis	ICD-10-CM
E13.36	Other specified diabetes mellitus with diabetic cataract	Diagnosis	ICD-10-CM
E13.39	Other specified diabetes mellitus with other diabetic ophthalmic complication	Diagnosis	ICD-10-CM
E13.40	Other specified diabetes mellitus with diabetic neuropathy, unspecified	Diagnosis	ICD-10-CM
E13.41	Other specified diabetes mellitus with diabetic mononeuropathy	Diagnosis	ICD-10-CM
E13.42	Other specified diabetes mellitus with diabetic polyneuropathy	Diagnosis	ICD-10-CM
E13.43	Other specified diabetes mellitus with diabetic autonomic (poly)neuropathy	Diagnosis	ICD-10-CM
E13.44	Other specified diabetes mellitus with diabetic amyotrophy	Diagnosis	ICD-10-CM
E13.49	Other specified diabetes mellitus with other diabetic neurological complication	Diagnosis	ICD-10-CM
E13.51	Other specified diabetes mellitus with diabetic peripheral angiopathy without gangrene	Diagnosis	ICD-10-CM
E13.52	Other specified diabetes mellitus with diabetic peripheral angiopathy with gangrene	Diagnosis	ICD-10-CM
E13.59	Other specified diabetes mellitus with other circulatory complications	Diagnosis	ICD-10-CM
E13.610	Other specified diabetes mellitus with diabetic neuropathic arthropathy	Diagnosis	ICD-10-CM
E13.618	Other specified diabetes mellitus with other diabetic arthropathy	Diagnosis	ICD-10-CM
E13.620	Other specified diabetes mellitus with diabetic dermatitis	Diagnosis	ICD-10-CM
E13.621	Other specified diabetes mellitus with foot ulcer	Diagnosis	ICD-10-CM
E13.622	Other specified diabetes mellitus with other skin ulcer	Diagnosis	ICD-10-CM
E13.628	Other specified diabetes mellitus with other skin complications	Diagnosis	ICD-10-CM
E13.630	Other specified diabetes mellitus with periodontal disease	Diagnosis	ICD-10-CM
E13.638	Other specified diabetes mellitus with other oral complications	Diagnosis	ICD-10-CM
E13.641	Other specified diabetes mellitus with hypoglycemia with coma	Diagnosis	ICD-10-CM
E13.649	Other specified diabetes mellitus with hypoglycemia without coma	Diagnosis	ICD-10-CM
E13.65	Other specified diabetes mellitus with hyperglycemia	Diagnosis	ICD-10-CM
E13.69	Other specified diabetes mellitus with other specified complication	Diagnosis	ICD-10-CM
E13.8	Other specified diabetes mellitus with unspecified complications	Diagnosis	ICD-10-CM
E13.9	Other specified diabetes mellitus without complications	Diagnosis	ICD-10-CM
<b>Glaucoma</b>			
H40.001	Preglaucoma, unspecified, right eye	Diagnosis	ICD-10-CM
H40.002	Preglaucoma, unspecified, left eye	Diagnosis	ICD-10-CM
H40.003	Preglaucoma, unspecified, bilateral	Diagnosis	ICD-10-CM
H40.009	Preglaucoma, unspecified, unspecified eye	Diagnosis	ICD-10-CM
H40.011	Open angle with borderline findings, low risk, right eye	Diagnosis	ICD-10-CM
H40.012	Open angle with borderline findings, low risk, left eye	Diagnosis	ICD-10-CM
H40.013	Open angle with borderline findings, low risk, bilateral	Diagnosis	ICD-10-CM
H40.019	Open angle with borderline findings, low risk, unspecified eye	Diagnosis	ICD-10-CM
H40.021	Open angle with borderline findings, high risk, right eye	Diagnosis	ICD-10-CM
H40.022	Open angle with borderline findings, high risk, left eye	Diagnosis	ICD-10-CM
H40.023	Open angle with borderline findings, high risk, bilateral	Diagnosis	ICD-10-CM
H40.029	Open angle with borderline findings, high risk, unspecified eye	Diagnosis	ICD-10-CM
H40.031	Anatomical narrow angle, right eye	Diagnosis	ICD-10-CM

**Appendix K. List of International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes and Healthcare Common Procedure Coding System (HCPCS) Codes Used to Define Baseline Characteristics in this Request**

<b>Code</b>	<b>Description</b>	<b>Code Category</b>	<b>Code Type</b>
H40.032	Anatomical narrow angle, left eye	Diagnosis	ICD-10-CM
H40.033	Anatomical narrow angle, bilateral	Diagnosis	ICD-10-CM
H40.039	Anatomical narrow angle, unspecified eye	Diagnosis	ICD-10-CM
H40.041	Steroid responder, right eye	Diagnosis	ICD-10-CM
H40.042	Steroid responder, left eye	Diagnosis	ICD-10-CM
H40.043	Steroid responder, bilateral	Diagnosis	ICD-10-CM
H40.049	Steroid responder, unspecified eye	Diagnosis	ICD-10-CM
H40.051	Ocular hypertension, right eye	Diagnosis	ICD-10-CM
H40.052	Ocular hypertension, left eye	Diagnosis	ICD-10-CM
H40.053	Ocular hypertension, bilateral	Diagnosis	ICD-10-CM
H40.059	Ocular hypertension, unspecified eye	Diagnosis	ICD-10-CM
H40.061	Primary angle closure without glaucoma damage, right eye	Diagnosis	ICD-10-CM
H40.062	Primary angle closure without glaucoma damage, left eye	Diagnosis	ICD-10-CM
H40.063	Primary angle closure without glaucoma damage, bilateral	Diagnosis	ICD-10-CM
H40.069	Primary angle closure without glaucoma damage, unspecified eye	Diagnosis	ICD-10-CM
H40.10X0	Unspecified open-angle glaucoma, stage unspecified	Diagnosis	ICD-10-CM
H40.10X1	Unspecified open-angle glaucoma, mild stage	Diagnosis	ICD-10-CM
H40.10X2	Unspecified open-angle glaucoma, moderate stage	Diagnosis	ICD-10-CM
H40.10X3	Unspecified open-angle glaucoma, severe stage	Diagnosis	ICD-10-CM
H40.10X4	Unspecified open-angle glaucoma, indeterminate stage	Diagnosis	ICD-10-CM
H40.1110	Primary open-angle glaucoma, right eye, stage unspecified	Diagnosis	ICD-10-CM
H40.1111	Primary open-angle glaucoma, right eye, mild stage	Diagnosis	ICD-10-CM
H40.1112	Primary open-angle glaucoma, right eye, moderate stage	Diagnosis	ICD-10-CM
H40.1113	Primary open-angle glaucoma, right eye, severe stage	Diagnosis	ICD-10-CM
H40.1114	Primary open-angle glaucoma, right eye, indeterminate stage	Diagnosis	ICD-10-CM
H40.1120	Primary open-angle glaucoma, left eye, stage unspecified	Diagnosis	ICD-10-CM
H40.1121	Primary open-angle glaucoma, left eye, mild stage	Diagnosis	ICD-10-CM
H40.1122	Primary open-angle glaucoma, left eye, moderate stage	Diagnosis	ICD-10-CM
H40.1123	Primary open-angle glaucoma, left eye, severe stage	Diagnosis	ICD-10-CM
H40.1124	Primary open-angle glaucoma, left eye, indeterminate stage	Diagnosis	ICD-10-CM
H40.1130	Primary open-angle glaucoma, bilateral, stage unspecified	Diagnosis	ICD-10-CM
H40.1131	Primary open-angle glaucoma, bilateral, mild stage	Diagnosis	ICD-10-CM
H40.1132	Primary open-angle glaucoma, bilateral, moderate stage	Diagnosis	ICD-10-CM
H40.1133	Primary open-angle glaucoma, bilateral, severe stage	Diagnosis	ICD-10-CM
H40.1134	Primary open-angle glaucoma, bilateral, indeterminate stage	Diagnosis	ICD-10-CM
H40.1190	Primary open-angle glaucoma, unspecified eye, stage unspecified	Diagnosis	ICD-10-CM
H40.1191	Primary open-angle glaucoma, unspecified eye, mild stage	Diagnosis	ICD-10-CM
H40.1192	Primary open-angle glaucoma, unspecified eye, moderate stage	Diagnosis	ICD-10-CM
H40.1193	Primary open-angle glaucoma, unspecified eye, severe stage	Diagnosis	ICD-10-CM
H40.1194	Primary open-angle glaucoma, unspecified eye, indeterminate stage	Diagnosis	ICD-10-CM
H40.1210	Low-tension glaucoma, right eye, stage unspecified	Diagnosis	ICD-10-CM
H40.1211	Low-tension glaucoma, right eye, mild stage	Diagnosis	ICD-10-CM
H40.1212	Low-tension glaucoma, right eye, moderate stage	Diagnosis	ICD-10-CM
H40.1213	Low-tension glaucoma, right eye, severe stage	Diagnosis	ICD-10-CM

**Appendix K. List of International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes and Healthcare Common Procedure Coding System (HCPCS) Codes Used to Define Baseline Characteristics in this Request**

<b>Code</b>	<b>Description</b>	<b>Code Category</b>	<b>Code Type</b>
H40.1214	Low-tension glaucoma, right eye, indeterminate stage	Diagnosis	ICD-10-CM
H40.1220	Low-tension glaucoma, left eye, stage unspecified	Diagnosis	ICD-10-CM
H40.1221	Low-tension glaucoma, left eye, mild stage	Diagnosis	ICD-10-CM
H40.1222	Low-tension glaucoma, left eye, moderate stage	Diagnosis	ICD-10-CM
H40.1223	Low-tension glaucoma, left eye, severe stage	Diagnosis	ICD-10-CM
H40.1224	Low-tension glaucoma, left eye, indeterminate stage	Diagnosis	ICD-10-CM
H40.1230	Low-tension glaucoma, bilateral, stage unspecified	Diagnosis	ICD-10-CM
H40.1231	Low-tension glaucoma, bilateral, mild stage	Diagnosis	ICD-10-CM
H40.1232	Low-tension glaucoma, bilateral, moderate stage	Diagnosis	ICD-10-CM
H40.1233	Low-tension glaucoma, bilateral, severe stage	Diagnosis	ICD-10-CM
H40.1234	Low-tension glaucoma, bilateral, indeterminate stage	Diagnosis	ICD-10-CM
H40.1290	Low-tension glaucoma, unspecified eye, stage unspecified	Diagnosis	ICD-10-CM
H40.1291	Low-tension glaucoma, unspecified eye, mild stage	Diagnosis	ICD-10-CM
H40.1292	Low-tension glaucoma, unspecified eye, moderate stage	Diagnosis	ICD-10-CM
H40.1293	Low-tension glaucoma, unspecified eye, severe stage	Diagnosis	ICD-10-CM
H40.1294	Low-tension glaucoma, unspecified eye, indeterminate stage	Diagnosis	ICD-10-CM
H40.1310	Pigmentary glaucoma, right eye, stage unspecified	Diagnosis	ICD-10-CM
H40.1311	Pigmentary glaucoma, right eye, mild stage	Diagnosis	ICD-10-CM
H40.1312	Pigmentary glaucoma, right eye, moderate stage	Diagnosis	ICD-10-CM
H40.1313	Pigmentary glaucoma, right eye, severe stage	Diagnosis	ICD-10-CM
H40.1314	Pigmentary glaucoma, right eye, indeterminate stage	Diagnosis	ICD-10-CM
H40.1320	Pigmentary glaucoma, left eye, stage unspecified	Diagnosis	ICD-10-CM
H40.1321	Pigmentary glaucoma, left eye, mild stage	Diagnosis	ICD-10-CM
H40.1322	Pigmentary glaucoma, left eye, moderate stage	Diagnosis	ICD-10-CM
H40.1323	Pigmentary glaucoma, left eye, severe stage	Diagnosis	ICD-10-CM
H40.1324	Pigmentary glaucoma, left eye, indeterminate stage	Diagnosis	ICD-10-CM
H40.1330	Pigmentary glaucoma, bilateral, stage unspecified	Diagnosis	ICD-10-CM
H40.1331	Pigmentary glaucoma, bilateral, mild stage	Diagnosis	ICD-10-CM
H40.1332	Pigmentary glaucoma, bilateral, moderate stage	Diagnosis	ICD-10-CM
H40.1333	Pigmentary glaucoma, bilateral, severe stage	Diagnosis	ICD-10-CM
H40.1334	Pigmentary glaucoma, bilateral, indeterminate stage	Diagnosis	ICD-10-CM
H40.1390	Pigmentary glaucoma, unspecified eye, stage unspecified	Diagnosis	ICD-10-CM
H40.1391	Pigmentary glaucoma, unspecified eye, mild stage	Diagnosis	ICD-10-CM
H40.1392	Pigmentary glaucoma, unspecified eye, moderate stage	Diagnosis	ICD-10-CM
H40.1393	Pigmentary glaucoma, unspecified eye, severe stage	Diagnosis	ICD-10-CM
H40.1394	Pigmentary glaucoma, unspecified eye, indeterminate stage	Diagnosis	ICD-10-CM
H40.1410	Capsular glaucoma with pseudoexfoliation of lens, right eye, stage unspecified	Diagnosis	ICD-10-CM
H40.1411	Capsular glaucoma with pseudoexfoliation of lens, right eye, mild stage	Diagnosis	ICD-10-CM
H40.1412	Capsular glaucoma with pseudoexfoliation of lens, right eye, moderate stage	Diagnosis	ICD-10-CM
H40.1413	Capsular glaucoma with pseudoexfoliation of lens, right eye, severe stage	Diagnosis	ICD-10-CM
H40.1414	Capsular glaucoma with pseudoexfoliation of lens, right eye, indeterminate stage	Diagnosis	ICD-10-CM
H40.1420	Capsular glaucoma with pseudoexfoliation of lens, left eye, stage unspecified	Diagnosis	ICD-10-CM
H40.1421	Capsular glaucoma with pseudoexfoliation of lens, left eye, mild stage	Diagnosis	ICD-10-CM

**Appendix K. List of International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes and Healthcare Common Procedure Coding System (HCPCS) Codes Used to Define Baseline Characteristics in this Request**

<b>Code</b>	<b>Description</b>	<b>Code Category</b>	<b>Code Type</b>
H40.1422	Capsular glaucoma with pseudoexfoliation of lens, left eye, moderate stage	Diagnosis	ICD-10-CM
H40.1423	Capsular glaucoma with pseudoexfoliation of lens, left eye, severe stage	Diagnosis	ICD-10-CM
H40.1424	Capsular glaucoma with pseudoexfoliation of lens, left eye, indeterminate stage	Diagnosis	ICD-10-CM
H40.1430	Capsular glaucoma with pseudoexfoliation of lens, bilateral, stage unspecified	Diagnosis	ICD-10-CM
H40.1431	Capsular glaucoma with pseudoexfoliation of lens, bilateral, mild stage	Diagnosis	ICD-10-CM
H40.1432	Capsular glaucoma with pseudoexfoliation of lens, bilateral, moderate stage	Diagnosis	ICD-10-CM
H40.1433	Capsular glaucoma with pseudoexfoliation of lens, bilateral, severe stage	Diagnosis	ICD-10-CM
H40.1434	Capsular glaucoma with pseudoexfoliation of lens, bilateral, indeterminate stage	Diagnosis	ICD-10-CM
H40.1490	Capsular glaucoma with pseudoexfoliation of lens, unspecified eye, stage unspecified	Diagnosis	ICD-10-CM
H40.1491	Capsular glaucoma with pseudoexfoliation of lens, unspecified eye, mild stage	Diagnosis	ICD-10-CM
H40.1492	Capsular glaucoma with pseudoexfoliation of lens, unspecified eye, moderate stage	Diagnosis	ICD-10-CM
H40.1493	Capsular glaucoma with pseudoexfoliation of lens, unspecified eye, severe stage	Diagnosis	ICD-10-CM
H40.1494	Capsular glaucoma with pseudoexfoliation of lens, unspecified eye, indeterminate stage	Diagnosis	ICD-10-CM
H40.151	Residual stage of open-angle glaucoma, right eye	Diagnosis	ICD-10-CM
H40.152	Residual stage of open-angle glaucoma, left eye	Diagnosis	ICD-10-CM
H40.153	Residual stage of open-angle glaucoma, bilateral	Diagnosis	ICD-10-CM
H40.159	Residual stage of open-angle glaucoma, unspecified eye	Diagnosis	ICD-10-CM
H40.20X0	Unspecified primary angle-closure glaucoma, stage unspecified	Diagnosis	ICD-10-CM
H40.20X1	Unspecified primary angle-closure glaucoma, mild stage	Diagnosis	ICD-10-CM
H40.20X2	Unspecified primary angle-closure glaucoma, moderate stage	Diagnosis	ICD-10-CM
H40.20X3	Unspecified primary angle-closure glaucoma, severe stage	Diagnosis	ICD-10-CM
H40.20X4	Unspecified primary angle-closure glaucoma, indeterminate stage	Diagnosis	ICD-10-CM
H40.211	Acute angle-closure glaucoma, right eye	Diagnosis	ICD-10-CM
H40.212	Acute angle-closure glaucoma, left eye	Diagnosis	ICD-10-CM
H40.213	Acute angle-closure glaucoma, bilateral	Diagnosis	ICD-10-CM
H40.219	Acute angle-closure glaucoma, unspecified eye	Diagnosis	ICD-10-CM
H40.2210	Chronic angle-closure glaucoma, right eye, stage unspecified	Diagnosis	ICD-10-CM
H40.2211	Chronic angle-closure glaucoma, right eye, mild stage	Diagnosis	ICD-10-CM
H40.2212	Chronic angle-closure glaucoma, right eye, moderate stage	Diagnosis	ICD-10-CM
H40.2213	Chronic angle-closure glaucoma, right eye, severe stage	Diagnosis	ICD-10-CM
H40.2214	Chronic angle-closure glaucoma, right eye, indeterminate stage	Diagnosis	ICD-10-CM
H40.2220	Chronic angle-closure glaucoma, left eye, stage unspecified	Diagnosis	ICD-10-CM
H40.2221	Chronic angle-closure glaucoma, left eye, mild stage	Diagnosis	ICD-10-CM
H40.2222	Chronic angle-closure glaucoma, left eye, moderate stage	Diagnosis	ICD-10-CM
H40.2223	Chronic angle-closure glaucoma, left eye, severe stage	Diagnosis	ICD-10-CM
H40.2224	Chronic angle-closure glaucoma, left eye, indeterminate stage	Diagnosis	ICD-10-CM
H40.2230	Chronic angle-closure glaucoma, bilateral, stage unspecified	Diagnosis	ICD-10-CM
H40.2231	Chronic angle-closure glaucoma, bilateral, mild stage	Diagnosis	ICD-10-CM



**Appendix K. List of International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes and Healthcare Common Procedure Coding System (HCPCS) Codes Used to Define Baseline Characteristics in this Request**

<b>Code</b>	<b>Description</b>	<b>Code Category</b>	<b>Code Type</b>
H40.2232	Chronic angle-closure glaucoma, bilateral, moderate stage	Diagnosis	ICD-10-CM
H40.2233	Chronic angle-closure glaucoma, bilateral, severe stage	Diagnosis	ICD-10-CM
H40.2234	Chronic angle-closure glaucoma, bilateral, indeterminate stage	Diagnosis	ICD-10-CM
H40.2290	Chronic angle-closure glaucoma, unspecified eye, stage unspecified	Diagnosis	ICD-10-CM
H40.2291	Chronic angle-closure glaucoma, unspecified eye, mild stage	Diagnosis	ICD-10-CM
H40.2292	Chronic angle-closure glaucoma, unspecified eye, moderate stage	Diagnosis	ICD-10-CM
H40.2293	Chronic angle-closure glaucoma, unspecified eye, severe stage	Diagnosis	ICD-10-CM
H40.2294	Chronic angle-closure glaucoma, unspecified eye, indeterminate stage	Diagnosis	ICD-10-CM
H40.231	Intermittent angle-closure glaucoma, right eye	Diagnosis	ICD-10-CM
H40.232	Intermittent angle-closure glaucoma, left eye	Diagnosis	ICD-10-CM
H40.233	Intermittent angle-closure glaucoma, bilateral	Diagnosis	ICD-10-CM
H40.239	Intermittent angle-closure glaucoma, unspecified eye	Diagnosis	ICD-10-CM
H40.241	Residual stage of angle-closure glaucoma, right eye	Diagnosis	ICD-10-CM
H40.242	Residual stage of angle-closure glaucoma, left eye	Diagnosis	ICD-10-CM
H40.243	Residual stage of angle-closure glaucoma, bilateral	Diagnosis	ICD-10-CM
H40.249	Residual stage of angle-closure glaucoma, unspecified eye	Diagnosis	ICD-10-CM
H40.30X0	Glaucoma secondary to eye trauma, unspecified eye, stage unspecified	Diagnosis	ICD-10-CM
H40.30X1	Glaucoma secondary to eye trauma, unspecified eye, mild stage	Diagnosis	ICD-10-CM
H40.30X2	Glaucoma secondary to eye trauma, unspecified eye, moderate stage	Diagnosis	ICD-10-CM
H40.30X3	Glaucoma secondary to eye trauma, unspecified eye, severe stage	Diagnosis	ICD-10-CM
H40.30X4	Glaucoma secondary to eye trauma, unspecified eye, indeterminate stage	Diagnosis	ICD-10-CM
H40.31X0	Glaucoma secondary to eye trauma, right eye, stage unspecified	Diagnosis	ICD-10-CM
H40.31X1	Glaucoma secondary to eye trauma, right eye, mild stage	Diagnosis	ICD-10-CM
H40.31X2	Glaucoma secondary to eye trauma, right eye, moderate stage	Diagnosis	ICD-10-CM
H40.31X3	Glaucoma secondary to eye trauma, right eye, severe stage	Diagnosis	ICD-10-CM
H40.31X4	Glaucoma secondary to eye trauma, right eye, indeterminate stage	Diagnosis	ICD-10-CM
H40.32X0	Glaucoma secondary to eye trauma, left eye, stage unspecified	Diagnosis	ICD-10-CM
H40.32X1	Glaucoma secondary to eye trauma, left eye, mild stage	Diagnosis	ICD-10-CM
H40.32X2	Glaucoma secondary to eye trauma, left eye, moderate stage	Diagnosis	ICD-10-CM
H40.32X3	Glaucoma secondary to eye trauma, left eye, severe stage	Diagnosis	ICD-10-CM
H40.32X4	Glaucoma secondary to eye trauma, left eye, indeterminate stage	Diagnosis	ICD-10-CM
H40.33X0	Glaucoma secondary to eye trauma, bilateral, stage unspecified	Diagnosis	ICD-10-CM
H40.33X1	Glaucoma secondary to eye trauma, bilateral, mild stage	Diagnosis	ICD-10-CM
H40.33X2	Glaucoma secondary to eye trauma, bilateral, moderate stage	Diagnosis	ICD-10-CM
H40.33X3	Glaucoma secondary to eye trauma, bilateral, severe stage	Diagnosis	ICD-10-CM
H40.33X4	Glaucoma secondary to eye trauma, bilateral, indeterminate stage	Diagnosis	ICD-10-CM
H40.40X0	Glaucoma secondary to eye inflammation, unspecified eye, stage unspecified	Diagnosis	ICD-10-CM
H40.40X1	Glaucoma secondary to eye inflammation, unspecified eye, mild stage	Diagnosis	ICD-10-CM
H40.40X2	Glaucoma secondary to eye inflammation, unspecified eye, moderate stage	Diagnosis	ICD-10-CM
H40.40X3	Glaucoma secondary to eye inflammation, unspecified eye, severe stage	Diagnosis	ICD-10-CM
H40.40X4	Glaucoma secondary to eye inflammation, unspecified eye, indeterminate stage	Diagnosis	ICD-10-CM
H40.41X0	Glaucoma secondary to eye inflammation, right eye, stage unspecified	Diagnosis	ICD-10-CM
H40.41X1	Glaucoma secondary to eye inflammation, right eye, mild stage	Diagnosis	ICD-10-CM



**Appendix K. List of International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes and Healthcare Common Procedure Coding System (HCPCS) Codes Used to Define Baseline Characteristics in this Request**

<b>Code</b>	<b>Description</b>	<b>Code Category</b>	<b>Code Type</b>
H40.41X2	Glaucoma secondary to eye inflammation, right eye, moderate stage	Diagnosis	ICD-10-CM
H40.41X3	Glaucoma secondary to eye inflammation, right eye, severe stage	Diagnosis	ICD-10-CM
H40.41X4	Glaucoma secondary to eye inflammation, right eye, indeterminate stage	Diagnosis	ICD-10-CM
H40.42X0	Glaucoma secondary to eye inflammation, left eye, stage unspecified	Diagnosis	ICD-10-CM
H40.42X1	Glaucoma secondary to eye inflammation, left eye, mild stage	Diagnosis	ICD-10-CM
H40.42X2	Glaucoma secondary to eye inflammation, left eye, moderate stage	Diagnosis	ICD-10-CM
H40.42X3	Glaucoma secondary to eye inflammation, left eye, severe stage	Diagnosis	ICD-10-CM
H40.42X4	Glaucoma secondary to eye inflammation, left eye, indeterminate stage	Diagnosis	ICD-10-CM
H40.43X0	Glaucoma secondary to eye inflammation, bilateral, stage unspecified	Diagnosis	ICD-10-CM
H40.43X1	Glaucoma secondary to eye inflammation, bilateral, mild stage	Diagnosis	ICD-10-CM
H40.43X2	Glaucoma secondary to eye inflammation, bilateral, moderate stage	Diagnosis	ICD-10-CM
H40.43X3	Glaucoma secondary to eye inflammation, bilateral, severe stage	Diagnosis	ICD-10-CM
H40.43X4	Glaucoma secondary to eye inflammation, bilateral, indeterminate stage	Diagnosis	ICD-10-CM
H40.50X0	Glaucoma secondary to other eye disorders, unspecified eye, stage unspecified	Diagnosis	ICD-10-CM
H40.50X1	Glaucoma secondary to other eye disorders, unspecified eye, mild stage	Diagnosis	ICD-10-CM
H40.50X2	Glaucoma secondary to other eye disorders, unspecified eye, moderate stage	Diagnosis	ICD-10-CM
H40.50X3	Glaucoma secondary to other eye disorders, unspecified eye, severe stage	Diagnosis	ICD-10-CM
H40.50X4	Glaucoma secondary to other eye disorders, unspecified eye, indeterminate stage	Diagnosis	ICD-10-CM
H40.51X0	Glaucoma secondary to other eye disorders, right eye, stage unspecified	Diagnosis	ICD-10-CM
H40.51X1	Glaucoma secondary to other eye disorders, right eye, mild stage	Diagnosis	ICD-10-CM
H40.51X2	Glaucoma secondary to other eye disorders, right eye, moderate stage	Diagnosis	ICD-10-CM
H40.51X3	Glaucoma secondary to other eye disorders, right eye, severe stage	Diagnosis	ICD-10-CM
H40.51X4	Glaucoma secondary to other eye disorders, right eye, indeterminate stage	Diagnosis	ICD-10-CM
H40.52X0	Glaucoma secondary to other eye disorders, left eye, stage unspecified	Diagnosis	ICD-10-CM
H40.52X1	Glaucoma secondary to other eye disorders, left eye, mild stage	Diagnosis	ICD-10-CM
H40.52X2	Glaucoma secondary to other eye disorders, left eye, moderate stage	Diagnosis	ICD-10-CM
H40.52X3	Glaucoma secondary to other eye disorders, left eye, severe stage	Diagnosis	ICD-10-CM
H40.52X4	Glaucoma secondary to other eye disorders, left eye, indeterminate stage	Diagnosis	ICD-10-CM
H40.53X0	Glaucoma secondary to other eye disorders, bilateral, stage unspecified	Diagnosis	ICD-10-CM
H40.53X1	Glaucoma secondary to other eye disorders, bilateral, mild stage	Diagnosis	ICD-10-CM
H40.53X2	Glaucoma secondary to other eye disorders, bilateral, moderate stage	Diagnosis	ICD-10-CM
H40.53X3	Glaucoma secondary to other eye disorders, bilateral, severe stage	Diagnosis	ICD-10-CM
H40.53X4	Glaucoma secondary to other eye disorders, bilateral, indeterminate stage	Diagnosis	ICD-10-CM
H40.60X0	Glaucoma secondary to drugs, unspecified eye, stage unspecified	Diagnosis	ICD-10-CM
H40.60X1	Glaucoma secondary to drugs, unspecified eye, mild stage	Diagnosis	ICD-10-CM
H40.60X2	Glaucoma secondary to drugs, unspecified eye, moderate stage	Diagnosis	ICD-10-CM
H40.60X3	Glaucoma secondary to drugs, unspecified eye, severe stage	Diagnosis	ICD-10-CM
H40.60X4	Glaucoma secondary to drugs, unspecified eye, indeterminate stage	Diagnosis	ICD-10-CM
H40.61X0	Glaucoma secondary to drugs, right eye, stage unspecified	Diagnosis	ICD-10-CM
H40.61X1	Glaucoma secondary to drugs, right eye, mild stage	Diagnosis	ICD-10-CM
H40.61X2	Glaucoma secondary to drugs, right eye, moderate stage	Diagnosis	ICD-10-CM
H40.61X3	Glaucoma secondary to drugs, right eye, severe stage	Diagnosis	ICD-10-CM

**Appendix K. List of International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes and Healthcare Common Procedure Coding System (HCPCS) Codes Used to Define Baseline Characteristics in this Request**

<b>Code</b>	<b>Description</b>	<b>Code Category</b>	<b>Code Type</b>
H40.61X4	Glaucoma secondary to drugs, right eye, indeterminate stage	Diagnosis	ICD-10-CM
H40.62X0	Glaucoma secondary to drugs, left eye, stage unspecified	Diagnosis	ICD-10-CM
H40.62X1	Glaucoma secondary to drugs, left eye, mild stage	Diagnosis	ICD-10-CM
H40.62X2	Glaucoma secondary to drugs, left eye, moderate stage	Diagnosis	ICD-10-CM
H40.62X3	Glaucoma secondary to drugs, left eye, severe stage	Diagnosis	ICD-10-CM
H40.62X4	Glaucoma secondary to drugs, left eye, indeterminate stage	Diagnosis	ICD-10-CM
H40.63X0	Glaucoma secondary to drugs, bilateral, stage unspecified	Diagnosis	ICD-10-CM
H40.63X1	Glaucoma secondary to drugs, bilateral, mild stage	Diagnosis	ICD-10-CM
H40.63X2	Glaucoma secondary to drugs, bilateral, moderate stage	Diagnosis	ICD-10-CM
H40.63X3	Glaucoma secondary to drugs, bilateral, severe stage	Diagnosis	ICD-10-CM
H40.63X4	Glaucoma secondary to drugs, bilateral, indeterminate stage	Diagnosis	ICD-10-CM
H40.811	Glaucoma with increased episcleral venous pressure, right eye	Diagnosis	ICD-10-CM
H40.812	Glaucoma with increased episcleral venous pressure, left eye	Diagnosis	ICD-10-CM
H40.813	Glaucoma with increased episcleral venous pressure, bilateral	Diagnosis	ICD-10-CM
H40.819	Glaucoma with increased episcleral venous pressure, unspecified eye	Diagnosis	ICD-10-CM
H40.821	Hypersecretion glaucoma, right eye	Diagnosis	ICD-10-CM
H40.822	Hypersecretion glaucoma, left eye	Diagnosis	ICD-10-CM
H40.823	Hypersecretion glaucoma, bilateral	Diagnosis	ICD-10-CM
H40.829	Hypersecretion glaucoma, unspecified eye	Diagnosis	ICD-10-CM
H40.831	Aqueous misdirection, right eye	Diagnosis	ICD-10-CM
H40.832	Aqueous misdirection, left eye	Diagnosis	ICD-10-CM
H40.833	Aqueous misdirection, bilateral	Diagnosis	ICD-10-CM
H40.839	Aqueous misdirection, unspecified eye	Diagnosis	ICD-10-CM
H40.89	Other specified glaucoma	Diagnosis	ICD-10-CM
H40.9	Unspecified glaucoma	Diagnosis	ICD-10-CM
H42	Glaucoma in diseases classified elsewhere	Diagnosis	ICD-10-CM
Q15.0	Congenital glaucoma	Diagnosis	ICD-10-CM
B73.02	Onchocerciasis with glaucoma	Diagnosis	ICD-10-CM
H26.23	Glaucomatous flecks (subcapsular)	Diagnosis	ICD-10-CM
H26.231	Glaucomatous flecks (subcapsular), right eye	Diagnosis	ICD-10-CM
H26.232	Glaucomatous flecks (subcapsular), left eye	Diagnosis	ICD-10-CM
H26.233	Glaucomatous flecks (subcapsular), bilateral	Diagnosis	ICD-10-CM
H26.239	Glaucomatous flecks (subcapsular), unspecified eye	Diagnosis	ICD-10-CM
H40	Glaucoma	Diagnosis	ICD-10-CM
H40.0	Glaucoma suspect	Diagnosis	ICD-10-CM
H40.00	Preglaucoma, unspecified	Diagnosis	ICD-10-CM
H40.01	Open angle with borderline findings, low risk	Diagnosis	ICD-10-CM
H40.02	Open angle with borderline findings, high risk	Diagnosis	ICD-10-CM
H40.03	Anatomical narrow angle	Diagnosis	ICD-10-CM
H40.04	Steroid responder	Diagnosis	ICD-10-CM
H40.05	Ocular hypertension	Diagnosis	ICD-10-CM
H40.06	Primary angle closure without glaucoma damage	Diagnosis	ICD-10-CM
H40.1	Open-angle glaucoma	Diagnosis	ICD-10-CM
H40.10	Unspecified open-angle glaucoma	Diagnosis	ICD-10-CM

**Appendix K. List of International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes and Healthcare Common Procedure Coding System (HCPCS) Codes Used to Define Baseline Characteristics in this Request**

<b>Code</b>	<b>Description</b>	<b>Code Category</b>	<b>Code Type</b>
H40.11	Primary open-angle glaucoma	Diagnosis	ICD-10-CM
H40.111	Primary open-angle glaucoma, right eye	Diagnosis	ICD-10-CM
H40.112	Primary open-angle glaucoma, left eye	Diagnosis	ICD-10-CM
H40.113	Primary open-angle glaucoma, bilateral	Diagnosis	ICD-10-CM
H40.119	Primary open-angle glaucoma, unspecified eye	Diagnosis	ICD-10-CM
H40.12	Low-tension glaucoma	Diagnosis	ICD-10-CM
H40.121	Low-tension glaucoma, right eye	Diagnosis	ICD-10-CM
H40.122	Low-tension glaucoma, left eye	Diagnosis	ICD-10-CM
H40.123	Low-tension glaucoma, bilateral	Diagnosis	ICD-10-CM
H40.129	Low-tension glaucoma, unspecified eye	Diagnosis	ICD-10-CM
H40.13	Pigmentary glaucoma	Diagnosis	ICD-10-CM
H40.131	Pigmentary glaucoma, right eye	Diagnosis	ICD-10-CM
H40.132	Pigmentary glaucoma, left eye	Diagnosis	ICD-10-CM
H40.133	Pigmentary glaucoma, bilateral	Diagnosis	ICD-10-CM
H40.139	Pigmentary glaucoma, unspecified eye	Diagnosis	ICD-10-CM
H40.14	Capsular glaucoma with pseudoexfoliation of lens	Diagnosis	ICD-10-CM
H40.141	Capsular glaucoma with pseudoexfoliation of lens, right eye	Diagnosis	ICD-10-CM
H40.142	Capsular glaucoma with pseudoexfoliation of lens, left eye	Diagnosis	ICD-10-CM
H40.143	Capsular glaucoma with pseudoexfoliation of lens, bilateral	Diagnosis	ICD-10-CM
H40.149	Capsular glaucoma with pseudoexfoliation of lens, unspecified eye	Diagnosis	ICD-10-CM
H40.15	Residual stage of open-angle glaucoma	Diagnosis	ICD-10-CM
H40.2	Primary angle-closure glaucoma	Diagnosis	ICD-10-CM
H40.20	Unspecified primary angle-closure glaucoma	Diagnosis	ICD-10-CM
H40.21	Acute angle-closure glaucoma	Diagnosis	ICD-10-CM
H40.22	Chronic angle-closure glaucoma	Diagnosis	ICD-10-CM
H40.221	Chronic angle-closure glaucoma, right eye	Diagnosis	ICD-10-CM
H40.222	Chronic angle-closure glaucoma, left eye	Diagnosis	ICD-10-CM
H40.223	Chronic angle-closure glaucoma, bilateral	Diagnosis	ICD-10-CM
H40.229	Chronic angle-closure glaucoma, unspecified eye	Diagnosis	ICD-10-CM
H40.23	Intermittent angle-closure glaucoma	Diagnosis	ICD-10-CM
H40.24	Residual stage of angle-closure glaucoma	Diagnosis	ICD-10-CM
H40.3	Glaucoma secondary to eye trauma	Diagnosis	ICD-10-CM
H40.30	Glaucoma secondary to eye trauma, unspecified eye	Diagnosis	ICD-10-CM
H40.31	Glaucoma secondary to eye trauma, right eye	Diagnosis	ICD-10-CM
H40.32	Glaucoma secondary to eye trauma, left eye	Diagnosis	ICD-10-CM
H40.33	Glaucoma secondary to eye trauma, bilateral	Diagnosis	ICD-10-CM
H40.4	Glaucoma secondary to eye inflammation	Diagnosis	ICD-10-CM
H40.40	Glaucoma secondary to eye inflammation, unspecified eye	Diagnosis	ICD-10-CM
H40.41	Glaucoma secondary to eye inflammation, right eye	Diagnosis	ICD-10-CM
H40.42	Glaucoma secondary to eye inflammation, left eye	Diagnosis	ICD-10-CM
H40.43	Glaucoma secondary to eye inflammation, bilateral	Diagnosis	ICD-10-CM
H40.5	Glaucoma secondary to other eye disorders	Diagnosis	ICD-10-CM
H40.50	Glaucoma secondary to other eye disorders, unspecified eye	Diagnosis	ICD-10-CM
H40.51	Glaucoma secondary to other eye disorders, right eye	Diagnosis	ICD-10-CM

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<b>Code</b>	<b>Description</b>	<b>Code Category</b>	<b>Code Type</b>
H40.52	Glaucoma secondary to other eye disorders, left eye	Diagnosis	ICD-10-CM
H40.53	Glaucoma secondary to other eye disorders, bilateral	Diagnosis	ICD-10-CM
H40.6	Glaucoma secondary to drugs	Diagnosis	ICD-10-CM
H40.60	Glaucoma secondary to drugs, unspecified eye	Diagnosis	ICD-10-CM
H40.61	Glaucoma secondary to drugs, right eye	Diagnosis	ICD-10-CM
H40.62	Glaucoma secondary to drugs, left eye	Diagnosis	ICD-10-CM
H40.63	Glaucoma secondary to drugs, bilateral	Diagnosis	ICD-10-CM
H40.8	Other glaucoma	Diagnosis	ICD-10-CM
H40.81	Glaucoma with increased episcleral venous pressure	Diagnosis	ICD-10-CM
H40.82	Hypersecretion glaucoma	Diagnosis	ICD-10-CM
H40.83	Aqueous misdirection	Diagnosis	ICD-10-CM
H44.51	Absolute glaucoma	Diagnosis	ICD-10-CM
H44.511	Absolute glaucoma, right eye	Diagnosis	ICD-10-CM
H44.512	Absolute glaucoma, left eye	Diagnosis	ICD-10-CM
H44.513	Absolute glaucoma, bilateral	Diagnosis	ICD-10-CM
H44.519	Absolute glaucoma, unspecified eye	Diagnosis	ICD-10-CM
H47.23	Glaucomatous optic atrophy	Diagnosis	ICD-10-CM
H47.231	Glaucomatous optic atrophy, right eye	Diagnosis	ICD-10-CM
H47.232	Glaucomatous optic atrophy, left eye	Diagnosis	ICD-10-CM
H47.233	Glaucomatous optic atrophy, bilateral	Diagnosis	ICD-10-CM
H47.239	Glaucomatous optic atrophy, unspecified eye	Diagnosis	ICD-10-CM
Z98.83	Filtering (vitreous) bleb after glaucoma surgery status	Diagnosis	ICD-10-CM
H40.11X0	Primary open-angle glaucoma, stage unspecified	Diagnosis	ICD-10-CM
H40.11X1	Primary open-angle glaucoma, mild stage	Diagnosis	ICD-10-CM
H40.11X2	Primary open-angle glaucoma, moderate stage	Diagnosis	ICD-10-CM
H40.11X3	Primary open-angle glaucoma, severe stage	Diagnosis	ICD-10-CM
H40.11X4	Primary open-angle glaucoma, indeterminate stage	Diagnosis	ICD-10-CM
0517F	Glaucoma plan of care documented (EC)	Procedure	CPT Category II
4174F	Counseling about the potential impact of glaucoma on visual functioning and quality of life, and importance of treatment adherence provided to patient and/or caregiver(s) (EC)	Procedure	CPT Category II
0123T	Fistulization of sclera for glaucoma, through ciliary body	Procedure	CPT Category III
66150	Fistulization of sclera for glaucoma; trephination with iridectomy	Procedure	CPT-4
66155	Fistulization of sclera for glaucoma; thermocauterization with iridectomy	Procedure	CPT-4
66160	Fistulization of sclera for glaucoma; sclerectomy with punch or scissors, with iridectomy	Procedure	CPT-4
66165	Fistulization of sclera for glaucoma; iridencleisis or iridotaxis	Procedure	CPT-4
66170	Fistulization of sclera for glaucoma; trabeculectomy ab externo in absence of previous surgery	Procedure	CPT-4
66172	Fistulization of sclera for glaucoma; trabeculectomy ab externo with scarring from previous ocular surgery or trauma (includes injection of antifibrotic agents)	Procedure	CPT-4
66174	Transluminal dilation of aqueous outflow canal; without retention of device or stent	Procedure	CPT-4

**Appendix K. List of International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes and Healthcare Common Procedure Coding System (HCPCS) Codes Used to Define Baseline Characteristics in this Request**

Code	Description	Code Category	Code Type
66175	Transluminal dilation of aqueous outflow canal; with retention of device or stent	Procedure	CPT-4
66179	Aqueous shunt to extraocular equatorial plate reservoir, external approach; without graft	Procedure	CPT-4
66180	Aqueous shunt to extraocular equatorial plate reservoir, external approach; with graft	Procedure	CPT-4
66183	Insertion of anterior segment aqueous drainage device, without extraocular reservoir, external approach	Procedure	CPT-4
66184	Revision of aqueous shunt to extraocular equatorial plate reservoir; without graft	Procedure	CPT-4
66185	Revision of aqueous shunt to extraocular equatorial plate reservoir; with graft	Procedure	CPT-4
66625	Iridectomy, with corneoscleral or corneal section; peripheral for glaucoma (separate procedure)	Procedure	CPT-4
66630	Iridectomy, with corneoscleral or corneal section; sector for glaucoma (separate procedure)	Procedure	CPT-4
G8301	Clinician has not provided care for the primary open-angle glaucoma patient for the required time for optic nerve head evaluation measure	Procedure	HCPCS
G8305	Clinician has not provided care for the primary open-angle glaucoma patient for the required time for treatment range goal documentation measurement	Procedure	HCPCS
G8306	Primary open-angle glaucoma patient with intraocular pressure above the target range goal documented to have received plan of care	Procedure	HCPCS
G8307	Primary open-angle glaucoma patient with intraocular pressure at or below goal, no plan of care necessary	Procedure	HCPCS
G8308	Primary open-angle glaucoma patient with intraocular pressure above the target range goal, and not documented to have received plan of care during the reporting year	Procedure	HCPCS
<b>Heart Failure</b>			
I50.23	Acute on chronic systolic (congestive) heart failure	Diagnosis	ICD-10-CM
I50.41	Acute combined systolic (congestive) and diastolic (congestive) heart failure	Diagnosis	ICD-10-CM
I50.31	Acute diastolic (congestive) heart failure	Diagnosis	ICD-10-CM
I50.33	Acute on chronic diastolic (congestive) heart failure	Diagnosis	ICD-10-CM
I50.43	Acute on chronic combined systolic (congestive) and diastolic (congestive) heart failure	Diagnosis	ICD-10-CM
I50.813	Acute on chronic right heart failure	Diagnosis	ICD-10-CM
I50.811	Acute right heart failure	Diagnosis	ICD-10-CM
I50.21	Acute systolic (congestive) heart failure	Diagnosis	ICD-10-CM
I50.82	Biventricular heart failure	Diagnosis	ICD-10-CM
I50.42	Chronic combined systolic (congestive) and diastolic (congestive) heart failure	Diagnosis	ICD-10-CM
I50.32	Chronic diastolic (congestive) heart failure	Diagnosis	ICD-10-CM
I50.812	Chronic right heart failure	Diagnosis	ICD-10-CM
I50.22	Chronic systolic (congestive) heart failure	Diagnosis	ICD-10-CM
I50.84	End stage heart failure	Diagnosis	ICD-10-CM
I50.9	Heart failure, unspecified	Diagnosis	ICD-10-CM
I50.83	High output heart failure	Diagnosis	ICD-10-CM

**Appendix K. List of International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes and Healthcare Common Procedure Coding System (HCPCS) Codes Used to Define Baseline Characteristics in this Request**

<b>Code</b>	<b>Description</b>	<b>Code Category</b>	<b>Code Type</b>
I13.2	Hypertensive heart and chronic kidney disease with heart failure and with stage 5 chronic kidney disease, or end stage renal disease	Diagnosis	ICD-10-CM
I13.0	Hypertensive heart and chronic kidney disease with heart failure and stage 1 through stage 4 chronic kidney disease, or unspecified chronic kidney disease	Diagnosis	ICD-10-CM
I11.0	Hypertensive heart disease with heart failure	Diagnosis	ICD-10-CM
I50.1	Left ventricular failure, unspecified	Diagnosis	ICD-10-CM
I50.89	Other heart failure	Diagnosis	ICD-10-CM
I09.81	Rheumatic heart failure	Diagnosis	ICD-10-CM
I50.814	Right heart failure due to left heart failure	Diagnosis	ICD-10-CM
I50.810	Right heart failure, unspecified	Diagnosis	ICD-10-CM
I50.40	Unspecified combined systolic (congestive) and diastolic (congestive) heart failure	Diagnosis	ICD-10-CM
I50.30	Unspecified diastolic (congestive) heart failure	Diagnosis	ICD-10-CM
I50.20	Unspecified systolic (congestive) heart failure	Diagnosis	ICD-10-CM
I42.6	Alcoholic cardiomyopathy	Diagnosis	ICD-10-CM
I42.7	Cardiomyopathy due to drug and external agent	Diagnosis	ICD-10-CM
I43	Cardiomyopathy in diseases classified elsewhere	Diagnosis	ICD-10-CM
I42.0	Dilated cardiomyopathy	Diagnosis	ICD-10-CM
I42.8	Other cardiomyopathies	Diagnosis	ICD-10-CM
I42.5	Other restrictive cardiomyopathy	Diagnosis	ICD-10-CM
<b>Hip/Pelvic Fracture</b>			
M80.059A	Age-related osteoporosis with current pathological fracture, unspecified femur, initial encounter for fracture	Diagnosis	ICD-10-CM
M80.052A	Age-related osteoporosis with current pathological fracture, left femur, initial encounter for fracture	Diagnosis	ICD-10-CM
M80.051A	Age-related osteoporosis with current pathological fracture, right femur, initial encounter for fracture	Diagnosis	ICD-10-CM
S72.042C	Displaced fracture of base of neck of left femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.042B	Displaced fracture of base of neck of left femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.042A	Displaced fracture of base of neck of left femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.041C	Displaced fracture of base of neck of right femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.041B	Displaced fracture of base of neck of right femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.041A	Displaced fracture of base of neck of right femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.043C	Displaced fracture of base of neck of unspecified femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.043B	Displaced fracture of base of neck of unspecified femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM



**Appendix K. List of International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes and Healthcare Common Procedure Coding System (HCPCS) Codes Used to Define Baseline Characteristics in this Request**

<b>Code</b>	<b>Description</b>	<b>Code Category</b>	<b>Code Type</b>
S72.043A	Displaced fracture of base of neck of unspecified femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.022B	Displaced fracture of epiphysis (separation) (upper) of left femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.022C	Displaced fracture of epiphysis (separation) (upper) of left femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.021B	Displaced fracture of epiphysis (separation) (upper) of right femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.021C	Displaced fracture of epiphysis (separation) (upper) of right femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.023B	Displaced fracture of epiphysis (separation) (upper) of unspecified femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.023C	Displaced fracture of epiphysis (separation) (upper) of unspecified femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.032B	Displaced midcervical fracture of left femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.032C	Displaced midcervical fracture of left femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.031B	Displaced midcervical fracture of right femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.031C	Displaced midcervical fracture of right femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.033B	Displaced midcervical fracture of unspecified femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.033C	Displaced midcervical fracture of unspecified femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S32.433A	Displaced fracture of anterior column [iliopubic] of unspecified acetabulum, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.433B	Displaced fracture of anterior column [iliopubic] of unspecified acetabulum, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.442A	Displaced fracture of posterior column [ilioischial] of left acetabulum, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.442B	Displaced fracture of posterior column [ilioischial] of left acetabulum, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.432A	Displaced fracture of anterior column [iliopubic] of left acetabulum, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.432B	Displaced fracture of anterior column [iliopubic] of left acetabulum, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.431A	Displaced fracture of anterior column [iliopubic] of right acetabulum, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.431B	Displaced fracture of anterior column [iliopubic] of right acetabulum, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.423A	Displaced fracture of posterior wall of unspecified acetabulum, initial encounter for closed fracture	Diagnosis	ICD-10-CM



**Appendix K. List of International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes and Healthcare Common Procedure Coding System (HCPCS) Codes Used to Define Baseline Characteristics in this Request**

<b>Code</b>	<b>Description</b>	<b>Code Category</b>	<b>Code Type</b>
S32.423B	Displaced fracture of posterior wall of unspecified acetabulum, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.312A	Displaced avulsion fracture of left ilium, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.312B	Displaced avulsion fracture of left ilium, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.612A	Displaced avulsion fracture of left ischium, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.612B	Displaced avulsion fracture of left ischium, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.311A	Displaced avulsion fracture of right ilium, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.311B	Displaced avulsion fracture of right ilium, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.611A	Displaced avulsion fracture of right ischium, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.611B	Displaced avulsion fracture of right ischium, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.313A	Displaced avulsion fracture of unspecified ilium, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.313B	Displaced avulsion fracture of unspecified ilium, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.613A	Displaced avulsion fracture of unspecified ischium, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.613B	Displaced avulsion fracture of unspecified ischium, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.482A	Displaced dome fracture of left acetabulum, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.482B	Displaced dome fracture of left acetabulum, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.481A	Displaced dome fracture of right acetabulum, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.481B	Displaced dome fracture of right acetabulum, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.483A	Displaced dome fracture of unspecified acetabulum, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.483B	Displaced dome fracture of unspecified acetabulum, initial encounter for open fracture	Diagnosis	ICD-10-CM
S72.022A	Displaced fracture of epiphysis (separation) (upper) of left femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.021A	Displaced fracture of epiphysis (separation) (upper) of right femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.023A	Displaced fracture of epiphysis (separation) (upper) of unspecified femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.422A	Displaced fracture of posterior wall of left acetabulum, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.422B	Displaced fracture of posterior wall of left acetabulum, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.421A	Displaced fracture of posterior wall of right acetabulum, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.421B	Displaced fracture of posterior wall of right acetabulum, initial encounter for open fracture	Diagnosis	ICD-10-CM

**Appendix K. List of International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes and Healthcare Common Procedure Coding System (HCPCS) Codes Used to Define Baseline Characteristics in this Request**

<b>Code</b>	<b>Description</b>	<b>Code Category</b>	<b>Code Type</b>
S72.032A	Displaced midcervical fracture of left femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.031A	Displaced midcervical fracture of right femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.033A	Displaced midcervical fracture of unspecified femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.452A	Displaced transverse fracture of left acetabulum, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.452B	Displaced transverse fracture of left acetabulum, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.451A	Displaced transverse fracture of right acetabulum, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.451B	Displaced transverse fracture of right acetabulum, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.453A	Displaced transverse fracture of unspecified acetabulum, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.453B	Displaced transverse fracture of unspecified acetabulum, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.412B	Displaced fracture of anterior wall of left acetabulum, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.411B	Displaced fracture of anterior wall of right acetabulum, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.441B	Displaced fracture of posterior column [ilioischial] of right acetabulum, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.441A	Displaced fracture of posterior column [ilioischial] of right acetabulum, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.443A	Displaced fracture of posterior column [ilioischial] of unspecified acetabulum, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.443B	Displaced fracture of posterior column [ilioischial] of unspecified acetabulum, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.472B	Displaced fracture of medial wall of left acetabulum, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.472A	Displaced fracture of medial wall of left acetabulum, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.471A	Displaced fracture of medial wall of right acetabulum, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.471B	Displaced fracture of medial wall of right acetabulum, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.473A	Displaced fracture of medial wall of unspecified acetabulum, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.473B	Displaced fracture of medial wall of unspecified acetabulum, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.462A	Displaced associated transverse-posterior fracture of left acetabulum, initial encounter for closed fracture	Diagnosis	ICD-10-CM

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<b>Code</b>	<b>Description</b>	<b>Code Category</b>	<b>Code Type</b>
S32.462B	Displaced associated transverse-posterior fracture of left acetabulum, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.461A	Displaced associated transverse-posterior fracture of right acetabulum, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.461B	Displaced associated transverse-posterior fracture of right acetabulum, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.463A	Displaced associated transverse-posterior fracture of unspecified acetabulum, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.463B	Displaced associated transverse-posterior fracture of unspecified acetabulum, initial encounter for open fracture	Diagnosis	ICD-10-CM
S72.132C	Displaced apophyseal fracture of left femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.132B	Displaced apophyseal fracture of left femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.132A	Displaced apophyseal fracture of left femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.131A	Displaced apophyseal fracture of right femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.131B	Displaced apophyseal fracture of right femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.131C	Displaced apophyseal fracture of right femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.133A	Displaced apophyseal fracture of unspecified femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.133B	Displaced apophyseal fracture of unspecified femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.133C	Displaced apophyseal fracture of unspecified femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.062A	Displaced articular fracture of head of left femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.062B	Displaced articular fracture of head of left femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.062C	Displaced articular fracture of head of left femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.061A	Displaced articular fracture of head of right femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.061B	Displaced articular fracture of head of right femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.061C	Displaced articular fracture of head of right femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.063B	Displaced articular fracture of head of unspecified femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.063C	Displaced articular fracture of head of unspecified femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM

**Appendix K. List of International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes and Healthcare Common Procedure Coding System (HCPCS) Codes Used to Define Baseline Characteristics in this Request**

<b>Code</b>	<b>Description</b>	<b>Code Category</b>	<b>Code Type</b>
S72.063A	Displaced articular fracture of head of unspecified femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.112C	Displaced fracture of greater trochanter of left femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.111C	Displaced fracture of greater trochanter of right femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.113C	Displaced fracture of greater trochanter of unspecified femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.112A	Displaced fracture of greater trochanter of left femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.112B	Displaced fracture of greater trochanter of left femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.111A	Displaced fracture of greater trochanter of right femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.111B	Displaced fracture of greater trochanter of right femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.113A	Displaced fracture of greater trochanter of unspecified femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.113B	Displaced fracture of greater trochanter of unspecified femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.122C	Displaced fracture of lesser trochanter of left femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.121C	Displaced fracture of lesser trochanter of right femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.123B	Displaced fracture of lesser trochanter of unspecified femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.123C	Displaced fracture of lesser trochanter of unspecified femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.122A	Displaced fracture of lesser trochanter of left femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.122B	Displaced fracture of lesser trochanter of left femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.121A	Displaced fracture of lesser trochanter of right femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.121B	Displaced fracture of lesser trochanter of right femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.123A	Displaced fracture of lesser trochanter of unspecified femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.142A	Displaced intertrochanteric fracture of left femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.141A	Displaced intertrochanteric fracture of right femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.141C	Displaced intertrochanteric fracture of right femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM

**Appendix K. List of International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes and Healthcare Common Procedure Coding System (HCPCS) Codes Used to Define Baseline Characteristics in this Request**

<b>Code</b>	<b>Description</b>	<b>Code Category</b>	<b>Code Type</b>
S72.141B	Displaced intertrochanteric fracture of right femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.22XA	Displaced subtrochanteric fracture of left femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.22XB	Displaced subtrochanteric fracture of left femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.21XA	Displaced subtrochanteric fracture of right femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.21XB	Displaced subtrochanteric fracture of right femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.23XA	Displaced subtrochanteric fracture of unspecified femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.412A	Displaced fracture of anterior wall of left acetabulum, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.411A	Displaced fracture of anterior wall of right acetabulum, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.413A	Displaced fracture of anterior wall of unspecified acetabulum, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.413B	Displaced fracture of anterior wall of unspecified acetabulum, initial encounter for open fracture	Diagnosis	ICD-10-CM
S72.142C	Displaced intertrochanteric fracture of left femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.142B	Displaced intertrochanteric fracture of left femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.143C	Displaced intertrochanteric fracture of unspecified femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.143A	Displaced intertrochanteric fracture of unspecified femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.143B	Displaced intertrochanteric fracture of unspecified femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.22XC	Displaced subtrochanteric fracture of left femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.21XC	Displaced subtrochanteric fracture of right femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.23XC	Displaced subtrochanteric fracture of unspecified femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.23XB	Displaced subtrochanteric fracture of unspecified femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S32.89XA	Fracture of other parts of pelvis, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.89XB	Fracture of other parts of pelvis, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.512A	Fracture of superior rim of left pubis, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.512B	Fracture of superior rim of left pubis, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.511A	Fracture of superior rim of right pubis, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.511B	Fracture of superior rim of right pubis, initial encounter for open fracture	Diagnosis	ICD-10-CM

**Appendix K. List of International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes and Healthcare Common Procedure Coding System (HCPCS) Codes Used to Define Baseline Characteristics in this Request**

<b>Code</b>	<b>Description</b>	<b>Code Category</b>	<b>Code Type</b>
S32.519A	Fracture of superior rim of unspecified pubis, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.519B	Fracture of superior rim of unspecified pubis, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.9XXA	Fracture of unspecified parts of lumbosacral spine and pelvis, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.9XXB	Fracture of unspecified parts of lumbosacral spine and pelvis, initial encounter for open fracture	Diagnosis	ICD-10-CM
S72.002C	Fracture of unspecified part of neck of left femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.002B	Fracture of unspecified part of neck of left femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.002A	Fracture of unspecified part of neck of left femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.001C	Fracture of unspecified part of neck of right femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.001B	Fracture of unspecified part of neck of right femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.001A	Fracture of unspecified part of neck of right femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.009B	Fracture of unspecified part of neck of unspecified femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.009C	Fracture of unspecified part of neck of unspecified femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.009A	Fracture of unspecified part of neck of unspecified femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.810B	Multiple fractures of pelvis with stable disruption of pelvic ring, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.811A	Multiple fractures of pelvis with unstable disruption of pelvic ring, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.82XA	Multiple fractures of pelvis without disruption of pelvic ring, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.82XB	Multiple fractures of pelvis without disruption of pelvic ring, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.810A	Multiple fractures of pelvis with stable disruption of pelvic ring, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.811B	Multiple fractures of pelvis with unstable disruption of pelvic ring, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.446A	Nondisplaced fracture of posterior column [ilioischial] of unspecified acetabulum, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.446B	Nondisplaced fracture of posterior column [ilioischial] of unspecified acetabulum, initial encounter for open fracture	Diagnosis	ICD-10-CM
S72.135A	Nondisplaced apophyseal fracture of left femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM

**Appendix K. List of International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes and Healthcare Common Procedure Coding System (HCPCS) Codes Used to Define Baseline Characteristics in this Request**

<b>Code</b>	<b>Description</b>	<b>Code Category</b>	<b>Code Type</b>
S72.135B	Nondisplaced apophyseal fracture of left femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.135C	Nondisplaced apophyseal fracture of left femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.134B	Nondisplaced apophyseal fracture of right femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.134C	Nondisplaced apophyseal fracture of right femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.134A	Nondisplaced apophyseal fracture of right femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.136B	Nondisplaced apophyseal fracture of unspecified femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.136C	Nondisplaced apophyseal fracture of unspecified femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.136A	Nondisplaced apophyseal fracture of unspecified femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.065C	Nondisplaced articular fracture of head of left femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.064C	Nondisplaced articular fracture of head of right femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.066C	Nondisplaced articular fracture of head of unspecified femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.065A	Nondisplaced articular fracture of head of left femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.065B	Nondisplaced articular fracture of head of left femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.064A	Nondisplaced articular fracture of head of right femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.064B	Nondisplaced articular fracture of head of right femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.066A	Nondisplaced articular fracture of head of unspecified femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.066B	Nondisplaced articular fracture of head of unspecified femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.115C	Nondisplaced fracture of greater trochanter of left femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.114C	Nondisplaced fracture of greater trochanter of right femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.116B	Nondisplaced fracture of greater trochanter of unspecified femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.116C	Nondisplaced fracture of greater trochanter of unspecified femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.115A	Nondisplaced fracture of greater trochanter of left femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM



**Appendix K. List of International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes and Healthcare Common Procedure Coding System (HCPCS) Codes Used to Define Baseline Characteristics in this Request**

<b>Code</b>	<b>Description</b>	<b>Code Category</b>	<b>Code Type</b>
S72.115B	Nondisplaced fracture of greater trochanter of left femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.114B	Nondisplaced fracture of greater trochanter of right femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.114A	Nondisplaced fracture of greater trochanter of right femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.116A	Nondisplaced fracture of greater trochanter of unspecified femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.125A	Nondisplaced fracture of lesser trochanter of left femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.125B	Nondisplaced fracture of lesser trochanter of left femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.125C	Nondisplaced fracture of lesser trochanter of left femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.124A	Nondisplaced fracture of lesser trochanter of right femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.124B	Nondisplaced fracture of lesser trochanter of right femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.124C	Nondisplaced fracture of lesser trochanter of right femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.126A	Nondisplaced fracture of lesser trochanter of unspecified femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.126B	Nondisplaced fracture of lesser trochanter of unspecified femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.126C	Nondisplaced fracture of lesser trochanter of unspecified femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.145A	Nondisplaced intertrochanteric fracture of left femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.144A	Nondisplaced intertrochanteric fracture of right femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.145C	Nondisplaced intertrochanteric fracture of left femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.145B	Nondisplaced intertrochanteric fracture of left femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.144C	Nondisplaced intertrochanteric fracture of right femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.144B	Nondisplaced intertrochanteric fracture of right femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.146B	Nondisplaced intertrochanteric fracture of unspecified femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.146A	Nondisplaced intertrochanteric fracture of unspecified femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.146C	Nondisplaced intertrochanteric fracture of unspecified femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM

**Appendix K. List of International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes and Healthcare Common Procedure Coding System (HCPCS) Codes Used to Define Baseline Characteristics in this Request**

<b>Code</b>	<b>Description</b>	<b>Code Category</b>	<b>Code Type</b>
S72.24XC	Nondisplaced subtrochanteric fracture of right femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.25XB	Nondisplaced subtrochanteric fracture of left femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.25XC	Nondisplaced subtrochanteric fracture of left femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.24XA	Nondisplaced subtrochanteric fracture of right femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.24XB	Nondisplaced subtrochanteric fracture of right femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.26XA	Nondisplaced subtrochanteric fracture of unspecified femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.26XB	Nondisplaced subtrochanteric fracture of unspecified femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.26XC	Nondisplaced subtrochanteric fracture of unspecified femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S32.414B	Nondisplaced fracture of anterior wall of right acetabulum, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.414A	Nondisplaced fracture of anterior wall of right acetabulum, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.416A	Nondisplaced fracture of anterior wall of unspecified acetabulum, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.426A	Nondisplaced fracture of posterior wall of unspecified acetabulum, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.415A	Nondisplaced fracture of anterior wall of left acetabulum, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.415B	Nondisplaced fracture of anterior wall of left acetabulum, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.315A	Nondisplaced avulsion fracture of left ilium, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.316A	Nondisplaced avulsion fracture of unspecified ilium, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.315B	Nondisplaced avulsion fracture of left ilium, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.314A	Nondisplaced avulsion fracture of right ilium, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.314B	Nondisplaced avulsion fracture of right ilium, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.316B	Nondisplaced avulsion fracture of unspecified ilium, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.615A	Nondisplaced avulsion fracture of left ischium, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.614A	Nondisplaced avulsion fracture of right ischium, initial encounter for closed fracture	Diagnosis	ICD-10-CM

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<b>Code</b>	<b>Description</b>	<b>Code Category</b>	<b>Code Type</b>
S32.614B	Nondisplaced avulsion fracture of right ischium, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.616A	Nondisplaced avulsion fracture of unspecified ischium, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.616B	Nondisplaced avulsion fracture of unspecified ischium, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.486A	Nondisplaced dome fracture of unspecified acetabulum, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.486B	Nondisplaced dome fracture of unspecified acetabulum, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.416B	Nondisplaced fracture of anterior wall of unspecified acetabulum, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.425A	Nondisplaced fracture of posterior wall of left acetabulum, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.425B	Nondisplaced fracture of posterior wall of left acetabulum, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.424A	Nondisplaced fracture of posterior wall of right acetabulum, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.424B	Nondisplaced fracture of posterior wall of right acetabulum, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.485A	Nondisplaced dome fracture of left acetabulum, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.485B	Nondisplaced dome fracture of left acetabulum, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.484A	Nondisplaced dome fracture of right acetabulum, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.484B	Nondisplaced dome fracture of right acetabulum, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.436B	Nondisplaced fracture of anterior column [iliopubic] of unspecified acetabulum, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.435B	Nondisplaced fracture of anterior column [iliopubic] of left acetabulum, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.435A	Nondisplaced fracture of anterior column [iliopubic] of left acetabulum, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.434A	Nondisplaced fracture of anterior column [iliopubic] of right acetabulum, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.434B	Nondisplaced fracture of anterior column [iliopubic] of right acetabulum, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.436A	Nondisplaced fracture of anterior column [iliopubic] of unspecified acetabulum, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.045A	Nondisplaced fracture of base of neck of left femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.045B	Nondisplaced fracture of base of neck of left femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM

**Appendix K. List of International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes and Healthcare Common Procedure Coding System (HCPCS) Codes Used to Define Baseline Characteristics in this Request**

<b>Code</b>	<b>Description</b>	<b>Code Category</b>	<b>Code Type</b>
S72.045C	Nondisplaced fracture of base of neck of left femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.044A	Nondisplaced fracture of base of neck of right femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.044B	Nondisplaced fracture of base of neck of right femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.044C	Nondisplaced fracture of base of neck of right femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.046A	Nondisplaced fracture of base of neck of unspecified femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.046B	Nondisplaced fracture of base of neck of unspecified femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.046C	Nondisplaced fracture of base of neck of unspecified femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.025A	Nondisplaced fracture of epiphysis (separation) (upper) of left femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.025B	Nondisplaced fracture of epiphysis (separation) (upper) of left femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.025C	Nondisplaced fracture of epiphysis (separation) (upper) of left femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.024A	Nondisplaced fracture of epiphysis (separation) (upper) of right femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.024B	Nondisplaced fracture of epiphysis (separation) (upper) of right femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.024C	Nondisplaced fracture of epiphysis (separation) (upper) of right femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.026A	Nondisplaced fracture of epiphysis (separation) (upper) of unspecified femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.026B	Nondisplaced fracture of epiphysis (separation) (upper) of unspecified femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.026C	Nondisplaced fracture of epiphysis (separation) (upper) of unspecified femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S32.445A	Nondisplaced fracture of posterior column [ilioischial] of left acetabulum, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.445B	Nondisplaced fracture of posterior column [ilioischial] of left acetabulum, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.444B	Nondisplaced fracture of posterior column [ilioischial] of right acetabulum, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.444A	Nondisplaced fracture of posterior column [ilioischial] of right acetabulum, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.035B	Nondisplaced midcervical fracture of left femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.035C	Nondisplaced midcervical fracture of left femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM

**Appendix K. List of International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes and Healthcare Common Procedure Coding System (HCPCS) Codes Used to Define Baseline Characteristics in this Request**

<b>Code</b>	<b>Description</b>	<b>Code Category</b>	<b>Code Type</b>
S72.035A	Nondisplaced midcervical fracture of left femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.034B	Nondisplaced midcervical fracture of right femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.034C	Nondisplaced midcervical fracture of right femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.034A	Nondisplaced midcervical fracture of right femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.036B	Nondisplaced midcervical fracture of unspecified femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.036C	Nondisplaced midcervical fracture of unspecified femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.036A	Nondisplaced midcervical fracture of unspecified femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.615B	Nondisplaced avulsion fracture of left ischium, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.426B	Nondisplaced fracture of posterior wall of unspecified acetabulum, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.465A	Nondisplaced associated transverse-posterior fracture of left acetabulum, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.465B	Nondisplaced associated transverse-posterior fracture of left acetabulum, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.464A	Nondisplaced associated transverse-posterior fracture of right acetabulum, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.464B	Nondisplaced associated transverse-posterior fracture of right acetabulum, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.475A	Nondisplaced fracture of medial wall of left acetabulum, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.475B	Nondisplaced fracture of medial wall of left acetabulum, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.474A	Nondisplaced fracture of medial wall of right acetabulum, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.474B	Nondisplaced fracture of medial wall of right acetabulum, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.476A	Nondisplaced fracture of medial wall of unspecified acetabulum, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.476B	Nondisplaced fracture of medial wall of unspecified acetabulum, initial encounter for open fracture	Diagnosis	ICD-10-CM
S72.25XA	Nondisplaced subtrochanteric fracture of left femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.466A	Nondisplaced associated transverse-posterior fracture of unspecified acetabulum, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.466B	Nondisplaced associated transverse-posterior fracture of unspecified acetabulum, initial encounter for open fracture	Diagnosis	ICD-10-CM

**Appendix K. List of International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes and Healthcare Common Procedure Coding System (HCPCS) Codes Used to Define Baseline Characteristics in this Request**

<b>Code</b>	<b>Description</b>	<b>Code Category</b>	<b>Code Type</b>
S32.455A	Nondisplaced transverse fracture of left acetabulum, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.455B	Nondisplaced transverse fracture of left acetabulum, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.454A	Nondisplaced transverse fracture of right acetabulum, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.454B	Nondisplaced transverse fracture of right acetabulum, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.456A	Nondisplaced transverse fracture of unspecified acetabulum, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.456B	Nondisplaced transverse fracture of unspecified acetabulum, initial encounter for open fracture	Diagnosis	ICD-10-CM
S72.092B	Other fracture of head and neck of left femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.092C	Other fracture of head and neck of left femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.092A	Other fracture of head and neck of left femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.091B	Other fracture of head and neck of right femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.091C	Other fracture of head and neck of right femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.091A	Other fracture of head and neck of right femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.099B	Other fracture of head and neck of unspecified femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.099C	Other fracture of head and neck of unspecified femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.099A	Other fracture of head and neck of unspecified femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
M80.852A	Other osteoporosis with current pathological fracture, left femur, initial encounter for fracture	Diagnosis	ICD-10-CM
M80.851A	Other osteoporosis with current pathological fracture, right femur, initial encounter for fracture	Diagnosis	ICD-10-CM
M80.859A	Other osteoporosis with current pathological fracture, unspecified femur, initial encounter for fracture	Diagnosis	ICD-10-CM
S79.092A	Other physeal fracture of upper end of left femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S79.091A	Other physeal fracture of upper end of right femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S79.099A	Other physeal fracture of upper end of unspecified femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.392B	Other fracture of left ilium, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.392A	Other fracture of left ilium, initial encounter for closed fracture	Diagnosis	ICD-10-CM

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<b>Code</b>	<b>Description</b>	<b>Code Category</b>	<b>Code Type</b>
S32.391A	Other fracture of right ilium, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.391B	Other fracture of right ilium, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.399A	Other fracture of unspecified ilium, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.399B	Other fracture of unspecified ilium, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.492A	Other specified fracture of left acetabulum, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.492B	Other specified fracture of left acetabulum, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.692A	Other specified fracture of left ischium, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.692B	Other specified fracture of left ischium, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.491A	Other specified fracture of right acetabulum, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.491B	Other specified fracture of right acetabulum, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.691A	Other specified fracture of right ischium, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.691B	Other specified fracture of right ischium, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.499A	Other specified fracture of unspecified acetabulum, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.499B	Other specified fracture of unspecified acetabulum, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.699A	Other specified fracture of unspecified ischium, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.699B	Other specified fracture of unspecified ischium, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.592A	Other specified fracture of left pubis, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.592B	Other specified fracture of left pubis, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.591A	Other specified fracture of right pubis, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.591B	Other specified fracture of right pubis, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.599A	Other specified fracture of unspecified pubis, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.599B	Other specified fracture of unspecified pubis, initial encounter for open fracture	Diagnosis	ICD-10-CM
M84.559A	Pathological fracture in neoplastic disease, hip, unspecified, initial encounter for fracture	Diagnosis	ICD-10-CM
M84.553A	Pathological fracture in neoplastic disease, unspecified femur, initial encounter for fracture	Diagnosis	ICD-10-CM
M84.459A	Pathological fracture, hip, unspecified, initial encounter for fracture	Diagnosis	ICD-10-CM
M84.452A	Pathological fracture, left femur, initial encounter for fracture	Diagnosis	ICD-10-CM
M84.552A	Pathological fracture in neoplastic disease, left femur, initial encounter for fracture	Diagnosis	ICD-10-CM
M84.550A	Pathological fracture in neoplastic disease, pelvis, initial encounter for fracture	Diagnosis	ICD-10-CM
M84.551A	Pathological fracture in neoplastic disease, right femur, initial encounter for fracture	Diagnosis	ICD-10-CM
M84.650A	Pathological fracture in other disease, pelvis, initial encounter for fracture	Diagnosis	ICD-10-CM



**Appendix K. List of International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes and Healthcare Common Procedure Coding System (HCPCS) Codes Used to Define Baseline Characteristics in this Request**

<b>Code</b>	<b>Description</b>	<b>Code Category</b>	<b>Code Type</b>
M84.659A	Pathological fracture in other disease, hip, unspecified, initial encounter for fracture	Diagnosis	ICD-10-CM
M84.652A	Pathological fracture in other disease, left femur, initial encounter for fracture	Diagnosis	ICD-10-CM
M84.651A	Pathological fracture in other disease, right femur, initial encounter for fracture	Diagnosis	ICD-10-CM
M84.653A	Pathological fracture in other disease, unspecified femur, initial encounter for fracture	Diagnosis	ICD-10-CM
M84.451A	Pathological fracture, right femur, initial encounter for fracture	Diagnosis	ICD-10-CM
M84.453A	Pathological fracture, unspecified femur, initial encounter for fracture	Diagnosis	ICD-10-CM
S79.012A	Salter-Harris Type I physeal fracture of upper end of left femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S79.011A	Salter-Harris Type I physeal fracture of upper end of right femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S79.019A	Salter-Harris Type I physeal fracture of upper end of unspecified femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
M84.359A	Stress fracture, hip, unspecified, initial encounter for fracture	Diagnosis	ICD-10-CM
M84.352A	Stress fracture, left femur, initial encounter for fracture	Diagnosis	ICD-10-CM
M84.350A	Stress fracture, pelvis, initial encounter for fracture	Diagnosis	ICD-10-CM
M84.351A	Stress fracture, right femur, initial encounter for fracture	Diagnosis	ICD-10-CM
M84.353A	Stress fracture, unspecified femur, initial encounter for fracture	Diagnosis	ICD-10-CM
S72.052A	Unspecified fracture of head of left femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.051A	Unspecified fracture of head of right femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.402A	Unspecified fracture of left acetabulum, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.052B	Unspecified fracture of head of left femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.052C	Unspecified fracture of head of left femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.051B	Unspecified fracture of head of right femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.051C	Unspecified fracture of head of right femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.059B	Unspecified fracture of head of unspecified femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.059C	Unspecified fracture of head of unspecified femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.059A	Unspecified fracture of head of unspecified femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.012A	Unspecified intracapsular fracture of left femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.012B	Unspecified intracapsular fracture of left femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.012C	Unspecified intracapsular fracture of left femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM

**Appendix K. List of International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes and Healthcare Common Procedure Coding System (HCPCS) Codes Used to Define Baseline Characteristics in this Request**

<b>Code</b>	<b>Description</b>	<b>Code Category</b>	<b>Code Type</b>
S72.011A	Unspecified intracapsular fracture of right femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.011B	Unspecified intracapsular fracture of right femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.011C	Unspecified intracapsular fracture of right femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.019A	Unspecified intracapsular fracture of unspecified femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.019B	Unspecified intracapsular fracture of unspecified femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.019C	Unspecified intracapsular fracture of unspecified femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S79.002A	Unspecified physeal fracture of upper end of left femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S79.001A	Unspecified physeal fracture of upper end of right femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S79.009A	Unspecified physeal fracture of upper end of unspecified femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.102B	Unspecified trochanteric fracture of left femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.102C	Unspecified trochanteric fracture of left femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.101B	Unspecified trochanteric fracture of right femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.101C	Unspecified trochanteric fracture of right femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.109B	Unspecified trochanteric fracture of unspecified femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.109C	Unspecified trochanteric fracture of unspecified femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.102A	Unspecified trochanteric fracture of left femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.101A	Unspecified trochanteric fracture of right femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.109A	Unspecified trochanteric fracture of unspecified femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.402B	Unspecified fracture of left acetabulum, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.401A	Unspecified fracture of right acetabulum, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.401B	Unspecified fracture of right acetabulum, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.409A	Unspecified fracture of unspecified acetabulum, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.409B	Unspecified fracture of unspecified acetabulum, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.309A	Unspecified fracture of unspecified ilium, initial encounter for closed fracture	Diagnosis	ICD-10-CM

**Appendix K. List of International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes and Healthcare Common Procedure Coding System (HCPCS) Codes Used to Define Baseline Characteristics in this Request**

Code	Description	Code Category	Code Type
S32.302B	Unspecified fracture of left ilium, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.302A	Unspecified fracture of left ilium, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.602A	Unspecified fracture of left ischium, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.602B	Unspecified fracture of left ischium, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.502A	Unspecified fracture of left pubis, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.502B	Unspecified fracture of left pubis, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.301A	Unspecified fracture of right ilium, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.301B	Unspecified fracture of right ilium, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.601A	Unspecified fracture of right ischium, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.601B	Unspecified fracture of right ischium, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.501A	Unspecified fracture of right pubis, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.501B	Unspecified fracture of right pubis, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.309B	Unspecified fracture of unspecified ilium, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.509A	Unspecified fracture of unspecified pubis, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.509B	Unspecified fracture of unspecified pubis, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.609A	Unspecified fracture of unspecified ischium, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.609B	Unspecified fracture of unspecified ischium, initial encounter for open fracture	Diagnosis	ICD-10-CM
M97.02XA	Periprosthetic fracture around internal prosthetic left hip joint, initial encounter	Diagnosis	ICD-10-CM
M97.01XA	Periprosthetic fracture around internal prosthetic right hip joint, initial encounter	Diagnosis	ICD-10-CM
<b>Hyperlipidemia</b>			
E78.0	Pure hypercholesterolemia	Diagnosis	ICD-10-CM
E78.00	Pure hypercholesterolemia, unspecified	Diagnosis	ICD-10-CM
E78.01	Familial hypercholesterolemia	Diagnosis	ICD-10-CM
E78.1	Pure hyperglyceridemia	Diagnosis	ICD-10-CM
E78.2	Mixed hyperlipidemia	Diagnosis	ICD-10-CM
E78.3	Hyperchylomicronemia	Diagnosis	ICD-10-CM
E78.4	Other hyperlipidemia	Diagnosis	ICD-10-CM
E78.41	Elevated lipoprotein(A)	Diagnosis	ICD-10-CM
E78.49	Other hyperlipidemia	Diagnosis	ICD-10-CM
E78.5	Hyperlipidemia, unspecified	Diagnosis	ICD-10-CM
<b>Hypertension</b>			
I10	Essential (primary) hypertension	Diagnosis	ICD-10-CM
I13.2	Hypertensive heart and chronic kidney disease with heart failure and with stage 5 chronic kidney disease, or end stage renal disease	Diagnosis	ICD-10-CM
I13.0	Hypertensive heart and chronic kidney disease with heart failure and stage 1 through stage 4 chronic kidney disease, or unspecified chronic kidney disease	Diagnosis	ICD-10-CM
I13.10	Hypertensive heart and chronic kidney disease without heart failure, with stage 1 through stage 4 chronic kidney disease, or unspecified chronic kidney disease	Diagnosis	ICD-10-CM
I13.11	Hypertensive heart and chronic kidney disease without heart failure, with stage 5 chronic kidney disease, or end stage renal disease	Diagnosis	ICD-10-CM

**Appendix K. List of International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes and Healthcare Common Procedure Coding System (HCPCS) Codes Used to Define Baseline Characteristics in this Request**

<b>Code</b>	<b>Description</b>	<b>Code Category</b>	<b>Code Type</b>
I15.2	Hypertension secondary to endocrine disorders	Diagnosis	ICD-10-CM
I15.1	Hypertension secondary to other renal disorders	Diagnosis	ICD-10-CM
I12.9	Hypertensive chronic kidney disease with stage 1 through stage 4 chronic kidney disease, or unspecified chronic kidney disease	Diagnosis	ICD-10-CM
I12.0	Hypertensive chronic kidney disease with stage 5 chronic kidney disease or end stage renal disease	Diagnosis	ICD-10-CM
I67.4	Hypertensive encephalopathy	Diagnosis	ICD-10-CM
I11.0	Hypertensive heart disease with heart failure	Diagnosis	ICD-10-CM
I11.9	Hypertensive heart disease without heart failure	Diagnosis	ICD-10-CM
H35.033	Hypertensive retinopathy, bilateral	Diagnosis	ICD-10-CM
H35.032	Hypertensive retinopathy, left eye	Diagnosis	ICD-10-CM
H35.031	Hypertensive retinopathy, right eye	Diagnosis	ICD-10-CM
H35.039	Hypertensive retinopathy, unspecified eye	Diagnosis	ICD-10-CM
I15.8	Other secondary hypertension	Diagnosis	ICD-10-CM
N26.2	Page kidney	Diagnosis	ICD-10-CM
I15.0	Renovascular hypertension	Diagnosis	ICD-10-CM
I15.9	Secondary hypertension, unspecified	Diagnosis	ICD-10-CM
<b>Serious Infection</b>			
A01.01	Typhoid meningitis	Diagnosis	ICD-10-CM
A02.21	Salmonella meningitis	Diagnosis	ICD-10-CM
A17.0	Tuberculous meningitis	Diagnosis	ICD-10-CM
A20.3	Plague meningitis	Diagnosis	ICD-10-CM
A27.81	Aseptic meningitis in leptospirosis	Diagnosis	ICD-10-CM
A32.11	Listerial meningitis	Diagnosis	ICD-10-CM
A39.0	Meningococcal meningitis	Diagnosis	ICD-10-CM
A42.81	Actinomycotic meningitis	Diagnosis	ICD-10-CM
A69.21	Meningitis due to Lyme disease	Diagnosis	ICD-10-CM
A87.0	Enteroviral meningitis	Diagnosis	ICD-10-CM
A87.1	Adenoviral meningitis	Diagnosis	ICD-10-CM
A87.2	Lymphocytic choriomeningitis	Diagnosis	ICD-10-CM
A87.8	Other viral meningitis	Diagnosis	ICD-10-CM
A87.9	Viral meningitis, unspecified	Diagnosis	ICD-10-CM
B00.3	Herpesviral meningitis	Diagnosis	ICD-10-CM
B01.0	Varicella meningitis	Diagnosis	ICD-10-CM
B02.1	Zoster meningitis	Diagnosis	ICD-10-CM
B05.1	Measles complicated by meningitis	Diagnosis	ICD-10-CM
B06.02	Rubella meningitis	Diagnosis	ICD-10-CM
B26.1	Mumps meningitis	Diagnosis	ICD-10-CM
B27.02	Gammaherpesviral mononucleosis with meningitis	Diagnosis	ICD-10-CM
B27.12	Cytomegaloviral mononucleosis with meningitis	Diagnosis	ICD-10-CM
B27.82	Other infectious mononucleosis with meningitis	Diagnosis	ICD-10-CM
B27.92	Infectious mononucleosis, unspecified with meningitis	Diagnosis	ICD-10-CM
B37.5	Candidal meningitis	Diagnosis	ICD-10-CM
B38.4	Coccidioidomycosis meningitis	Diagnosis	ICD-10-CM

**Appendix K. List of International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes and Healthcare Common Procedure Coding System (HCPCS) Codes Used to Define Baseline Characteristics in this Request**

<b>Code</b>	<b>Description</b>	<b>Code Category</b>	<b>Code Type</b>
B45.1	Cerebral cryptococcosis	Diagnosis	ICD-10-CM
B57.41	Meningitis in Chagas' disease	Diagnosis	ICD-10-CM
G00.0	Hemophilus meningitis	Diagnosis	ICD-10-CM
G00.1	Pneumococcal meningitis	Diagnosis	ICD-10-CM
G00.2	Streptococcal meningitis	Diagnosis	ICD-10-CM
G00.3	Staphylococcal meningitis	Diagnosis	ICD-10-CM
G00.8	Other bacterial meningitis	Diagnosis	ICD-10-CM
G00.9	Bacterial meningitis, unspecified	Diagnosis	ICD-10-CM
G01	Meningitis in bacterial diseases classified elsewhere	Diagnosis	ICD-10-CM
G02	Meningitis in other infectious and parasitic diseases classified elsewhere	Diagnosis	ICD-10-CM
G03.8	Meningitis due to other specified causes	Diagnosis	ICD-10-CM
G03.9	Meningitis, unspecified	Diagnosis	ICD-10-CM
A01.05	Typhoid osteomyelitis	Diagnosis	ICD-10-CM
A02.24	Salmonella osteomyelitis	Diagnosis	ICD-10-CM
H05.021	Osteomyelitis of right orbit	Diagnosis	ICD-10-CM
H05.022	Osteomyelitis of left orbit	Diagnosis	ICD-10-CM
H05.023	Osteomyelitis of bilateral orbits	Diagnosis	ICD-10-CM
H05.029	Osteomyelitis of unspecified orbit	Diagnosis	ICD-10-CM
M46.20	Osteomyelitis of vertebra, site unspecified	Diagnosis	ICD-10-CM
M46.21	Osteomyelitis of vertebra, occipito-atlanto-axial region	Diagnosis	ICD-10-CM
M46.22	Osteomyelitis of vertebra, cervical region	Diagnosis	ICD-10-CM
M46.23	Osteomyelitis of vertebra, cervicothoracic region	Diagnosis	ICD-10-CM
M46.24	Osteomyelitis of vertebra, thoracic region	Diagnosis	ICD-10-CM
M46.25	Osteomyelitis of vertebra, thoracolumbar region	Diagnosis	ICD-10-CM
M46.26	Osteomyelitis of vertebra, lumbar region	Diagnosis	ICD-10-CM
M46.27	Osteomyelitis of vertebra, lumbosacral region	Diagnosis	ICD-10-CM
M46.28	Osteomyelitis of vertebra, sacral and sacrococcygeal region	Diagnosis	ICD-10-CM
M86.00	Acute hematogenous osteomyelitis, unspecified site	Diagnosis	ICD-10-CM
M86.011	Acute hematogenous osteomyelitis, right shoulder	Diagnosis	ICD-10-CM
M86.012	Acute hematogenous osteomyelitis, left shoulder	Diagnosis	ICD-10-CM
M86.019	Acute hematogenous osteomyelitis, unspecified shoulder	Diagnosis	ICD-10-CM
M86.021	Acute hematogenous osteomyelitis, right humerus	Diagnosis	ICD-10-CM
M86.022	Acute hematogenous osteomyelitis, left humerus	Diagnosis	ICD-10-CM
M86.029	Acute hematogenous osteomyelitis, unspecified humerus	Diagnosis	ICD-10-CM
M86.031	Acute hematogenous osteomyelitis, right radius and ulna	Diagnosis	ICD-10-CM
M86.032	Acute hematogenous osteomyelitis, left radius and ulna	Diagnosis	ICD-10-CM
M86.039	Acute hematogenous osteomyelitis, unspecified radius and ulna	Diagnosis	ICD-10-CM
M86.041	Acute hematogenous osteomyelitis, right hand	Diagnosis	ICD-10-CM
M86.042	Acute hematogenous osteomyelitis, left hand	Diagnosis	ICD-10-CM
M86.049	Acute hematogenous osteomyelitis, unspecified hand	Diagnosis	ICD-10-CM
M86.051	Acute hematogenous osteomyelitis, right femur	Diagnosis	ICD-10-CM
M86.052	Acute hematogenous osteomyelitis, left femur	Diagnosis	ICD-10-CM
M86.059	Acute hematogenous osteomyelitis, unspecified femur	Diagnosis	ICD-10-CM
M86.061	Acute hematogenous osteomyelitis, right tibia and fibula	Diagnosis	ICD-10-CM

**Appendix K. List of International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes and Healthcare Common Procedure Coding System (HCPCS) Codes Used to Define Baseline Characteristics in this Request**

<b>Code</b>	<b>Description</b>	<b>Code Category</b>	<b>Code Type</b>
M86.062	Acute hematogenous osteomyelitis, left tibia and fibula	Diagnosis	ICD-10-CM
M86.069	Acute hematogenous osteomyelitis, unspecified tibia and fibula	Diagnosis	ICD-10-CM
M86.071	Acute hematogenous osteomyelitis, right ankle and foot	Diagnosis	ICD-10-CM
M86.072	Acute hematogenous osteomyelitis, left ankle and foot	Diagnosis	ICD-10-CM
M86.079	Acute hematogenous osteomyelitis, unspecified ankle and foot	Diagnosis	ICD-10-CM
M86.08	Acute hematogenous osteomyelitis, other sites	Diagnosis	ICD-10-CM
M86.09	Acute hematogenous osteomyelitis, multiple sites	Diagnosis	ICD-10-CM
M86.10	Other acute osteomyelitis, unspecified site	Diagnosis	ICD-10-CM
M86.111	Other acute osteomyelitis, right shoulder	Diagnosis	ICD-10-CM
M86.112	Other acute osteomyelitis, left shoulder	Diagnosis	ICD-10-CM
M86.119	Other acute osteomyelitis, unspecified shoulder	Diagnosis	ICD-10-CM
M86.121	Other acute osteomyelitis, right humerus	Diagnosis	ICD-10-CM
M86.122	Other acute osteomyelitis, left humerus	Diagnosis	ICD-10-CM
M86.129	Other acute osteomyelitis, unspecified humerus	Diagnosis	ICD-10-CM
M86.131	Other acute osteomyelitis, right radius and ulna	Diagnosis	ICD-10-CM
M86.132	Other acute osteomyelitis, left radius and ulna	Diagnosis	ICD-10-CM
M86.139	Other acute osteomyelitis, unspecified radius and ulna	Diagnosis	ICD-10-CM
M86.141	Other acute osteomyelitis, right hand	Diagnosis	ICD-10-CM
M86.142	Other acute osteomyelitis, left hand	Diagnosis	ICD-10-CM
M86.149	Other acute osteomyelitis, unspecified hand	Diagnosis	ICD-10-CM
M86.151	Other acute osteomyelitis, right femur	Diagnosis	ICD-10-CM
M86.152	Other acute osteomyelitis, left femur	Diagnosis	ICD-10-CM
M86.159	Other acute osteomyelitis, unspecified femur	Diagnosis	ICD-10-CM
M86.161	Other acute osteomyelitis, right tibia and fibula	Diagnosis	ICD-10-CM
M86.162	Other acute osteomyelitis, left tibia and fibula	Diagnosis	ICD-10-CM
M86.169	Other acute osteomyelitis, unspecified tibia and fibula	Diagnosis	ICD-10-CM
M86.171	Other acute osteomyelitis, right ankle and foot	Diagnosis	ICD-10-CM
M86.172	Other acute osteomyelitis, left ankle and foot	Diagnosis	ICD-10-CM
M86.179	Other acute osteomyelitis, unspecified ankle and foot	Diagnosis	ICD-10-CM
M86.18	Other acute osteomyelitis, other site	Diagnosis	ICD-10-CM
M86.19	Other acute osteomyelitis, multiple sites	Diagnosis	ICD-10-CM
M86.20	Subacute osteomyelitis, unspecified site	Diagnosis	ICD-10-CM
M86.211	Subacute osteomyelitis, right shoulder	Diagnosis	ICD-10-CM
M86.212	Subacute osteomyelitis, left shoulder	Diagnosis	ICD-10-CM
M86.219	Subacute osteomyelitis, unspecified shoulder	Diagnosis	ICD-10-CM
M86.221	Subacute osteomyelitis, right humerus	Diagnosis	ICD-10-CM
M86.222	Subacute osteomyelitis, left humerus	Diagnosis	ICD-10-CM
M86.229	Subacute osteomyelitis, unspecified humerus	Diagnosis	ICD-10-CM
M86.231	Subacute osteomyelitis, right radius and ulna	Diagnosis	ICD-10-CM
M86.232	Subacute osteomyelitis, left radius and ulna	Diagnosis	ICD-10-CM
M86.239	Subacute osteomyelitis, unspecified radius and ulna	Diagnosis	ICD-10-CM
M86.241	Subacute osteomyelitis, right hand	Diagnosis	ICD-10-CM
M86.242	Subacute osteomyelitis, left hand	Diagnosis	ICD-10-CM
M86.249	Subacute osteomyelitis, unspecified hand	Diagnosis	ICD-10-CM



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<b>Code</b>	<b>Description</b>	<b>Code Category</b>	<b>Code Type</b>
M86.251	Subacute osteomyelitis, right femur	Diagnosis	ICD-10-CM
M86.252	Subacute osteomyelitis, left femur	Diagnosis	ICD-10-CM
M86.259	Subacute osteomyelitis, unspecified femur	Diagnosis	ICD-10-CM
M86.261	Subacute osteomyelitis, right tibia and fibula	Diagnosis	ICD-10-CM
M86.262	Subacute osteomyelitis, left tibia and fibula	Diagnosis	ICD-10-CM
M86.269	Subacute osteomyelitis, unspecified tibia and fibula	Diagnosis	ICD-10-CM
M86.271	Subacute osteomyelitis, right ankle and foot	Diagnosis	ICD-10-CM
M86.272	Subacute osteomyelitis, left ankle and foot	Diagnosis	ICD-10-CM
M86.279	Subacute osteomyelitis, unspecified ankle and foot	Diagnosis	ICD-10-CM
M86.28	Subacute osteomyelitis, other site	Diagnosis	ICD-10-CM
M86.29	Subacute osteomyelitis, multiple sites	Diagnosis	ICD-10-CM
M86.8X0	Other osteomyelitis, multiple sites	Diagnosis	ICD-10-CM
M86.8X1	Other osteomyelitis, shoulder	Diagnosis	ICD-10-CM
M86.8X2	Other osteomyelitis, upper arm	Diagnosis	ICD-10-CM
M86.8X3	Other osteomyelitis, forearm	Diagnosis	ICD-10-CM
M86.8X4	Other osteomyelitis, hand	Diagnosis	ICD-10-CM
M86.8X5	Other osteomyelitis, thigh	Diagnosis	ICD-10-CM
M86.8X6	Other osteomyelitis, lower leg	Diagnosis	ICD-10-CM
M86.8X7	Other osteomyelitis, ankle and foot	Diagnosis	ICD-10-CM
M86.8X8	Other osteomyelitis, other site	Diagnosis	ICD-10-CM
M86.8X9	Other osteomyelitis, unspecified sites	Diagnosis	ICD-10-CM
M86.9	Osteomyelitis, unspecified	Diagnosis	ICD-10-CM
A02.1	Salmonella sepsis	Diagnosis	ICD-10-CM
A32.7	Listerial sepsis	Diagnosis	ICD-10-CM
A32.82	Listerial endocarditis	Diagnosis	ICD-10-CM
A39.2	Acute meningococemia	Diagnosis	ICD-10-CM
A39.4	Meningococemia, unspecified	Diagnosis	ICD-10-CM
A39.51	Meningococcal endocarditis	Diagnosis	ICD-10-CM
A40.0	Sepsis due to streptococcus, group A	Diagnosis	ICD-10-CM
A40.1	Sepsis due to streptococcus, group B	Diagnosis	ICD-10-CM
A40.3	Sepsis due to Streptococcus pneumoniae	Diagnosis	ICD-10-CM
A40.8	Other streptococcal sepsis	Diagnosis	ICD-10-CM
A40.9	Streptococcal sepsis, unspecified	Diagnosis	ICD-10-CM
A41.01	Sepsis due to Methicillin susceptible Staphylococcus aureus	Diagnosis	ICD-10-CM
A41.02	Sepsis due to Methicillin resistant Staphylococcus aureus	Diagnosis	ICD-10-CM
A41.1	Sepsis due to other specified staphylococcus	Diagnosis	ICD-10-CM
A41.2	Sepsis due to unspecified staphylococcus	Diagnosis	ICD-10-CM
A41.3	Sepsis due to Hemophilus influenzae	Diagnosis	ICD-10-CM
A41.4	Sepsis due to anaerobes	Diagnosis	ICD-10-CM
A41.50	Gram-negative sepsis, unspecified	Diagnosis	ICD-10-CM
A41.51	Sepsis due to Escherichia coli [E. coli]	Diagnosis	ICD-10-CM
A41.52	Sepsis due to Pseudomonas	Diagnosis	ICD-10-CM
A41.53	Sepsis due to Serratia	Diagnosis	ICD-10-CM
A41.59	Other Gram-negative sepsis	Diagnosis	ICD-10-CM



**Appendix K. List of International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes and Healthcare Common Procedure Coding System (HCPCS) Codes Used to Define Baseline Characteristics in this Request**

<b>Code</b>	<b>Description</b>	<b>Code Category</b>	<b>Code Type</b>
A41.81	Sepsis due to Enterococcus	Diagnosis	ICD-10-CM
A41.89	Other specified sepsis	Diagnosis	ICD-10-CM
A41.9	Sepsis, unspecified organism	Diagnosis	ICD-10-CM
A42.7	Actinomycotic sepsis	Diagnosis	ICD-10-CM
A54.86	Gonococcal sepsis	Diagnosis	ICD-10-CM
B33.21	Viral endocarditis	Diagnosis	ICD-10-CM
B37.6	Candidal endocarditis	Diagnosis	ICD-10-CM
B37.7	Candidal sepsis	Diagnosis	ICD-10-CM
I33.0	Acute and subacute infective endocarditis	Diagnosis	ICD-10-CM
I76	Septic arterial embolism	Diagnosis	ICD-10-CM
R65.20	Severe sepsis without septic shock	Diagnosis	ICD-10-CM
R65.21	Severe sepsis with septic shock	Diagnosis	ICD-10-CM
R78.81	Bacteremia	Diagnosis	ICD-10-CM
A01.03	Typhoid pneumonia	Diagnosis	ICD-10-CM
A02.22	Salmonella pneumonia	Diagnosis	ICD-10-CM
A20.2	Pneumonic plague	Diagnosis	ICD-10-CM
A21.2	Pulmonary tularemia	Diagnosis	ICD-10-CM
A31.0	Pulmonary mycobacterial infection	Diagnosis	ICD-10-CM
A37.01	Whooping cough due to Bordetella pertussis with pneumonia	Diagnosis	ICD-10-CM
A37.11	Whooping cough due to Bordetella parapertussis with pneumonia	Diagnosis	ICD-10-CM
A37.81	Whooping cough due to other Bordetella species with pneumonia	Diagnosis	ICD-10-CM
A37.91	Whooping cough, unspecified species with pneumonia	Diagnosis	ICD-10-CM
A43.0	Pulmonary nocardiosis	Diagnosis	ICD-10-CM
A48.1	Legionnaires' disease	Diagnosis	ICD-10-CM
B01.2	Varicella pneumonia	Diagnosis	ICD-10-CM
B05.2	Measles complicated by pneumonia	Diagnosis	ICD-10-CM
B06.81	Rubella pneumonia	Diagnosis	ICD-10-CM
B25.0	Cytomegaloviral pneumonitis	Diagnosis	ICD-10-CM
B37.1	Pulmonary candidiasis	Diagnosis	ICD-10-CM
B38.0	Acute pulmonary coccidioidomycosis	Diagnosis	ICD-10-CM
B38.2	Pulmonary coccidioidomycosis, unspecified	Diagnosis	ICD-10-CM
B39.0	Acute pulmonary histoplasmosis capsulati	Diagnosis	ICD-10-CM
B39.2	Pulmonary histoplasmosis capsulati, unspecified	Diagnosis	ICD-10-CM
B58.3	Pulmonary toxoplasmosis	Diagnosis	ICD-10-CM
B59	Pneumocystosis	Diagnosis	ICD-10-CM
B77.81	Ascariasis pneumonia	Diagnosis	ICD-10-CM
J10.00	Influenza due to other identified influenza virus with unspecified type of pneumonia	Diagnosis	ICD-10-CM
J10.08	Influenza due to other identified influenza virus with other specified pneumonia	Diagnosis	ICD-10-CM
J11.00	Influenza due to unidentified influenza virus with unspecified type of pneumonia	Diagnosis	ICD-10-CM
J11.08	Influenza due to unidentified influenza virus with specified pneumonia	Diagnosis	ICD-10-CM
J12.0	Adenoviral pneumonia	Diagnosis	ICD-10-CM

**Appendix K. List of International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes and Healthcare Common Procedure Coding System (HCPCS) Codes Used to Define Baseline Characteristics in this Request**

<b>Code</b>	<b>Description</b>	<b>Code Category</b>	<b>Code Type</b>
J12.1	Respiratory syncytial virus pneumonia	Diagnosis	ICD-10-CM
J12.2	Parainfluenza virus pneumonia	Diagnosis	ICD-10-CM
J12.3	Human metapneumovirus pneumonia	Diagnosis	ICD-10-CM
J12.81	Pneumonia due to SARS-associated coronavirus	Diagnosis	ICD-10-CM
J12.89	Other viral pneumonia	Diagnosis	ICD-10-CM
J12.9	Viral pneumonia, unspecified	Diagnosis	ICD-10-CM
J13	Pneumonia due to Streptococcus pneumoniae	Diagnosis	ICD-10-CM
J14	Pneumonia due to Hemophilus influenzae	Diagnosis	ICD-10-CM
J15.0	Pneumonia due to Klebsiella pneumoniae	Diagnosis	ICD-10-CM
J15.1	Pneumonia due to Pseudomonas	Diagnosis	ICD-10-CM
J15.20	Pneumonia due to staphylococcus, unspecified	Diagnosis	ICD-10-CM
J15.211	Pneumonia due to Methicillin susceptible Staphylococcus aureus	Diagnosis	ICD-10-CM
J15.212	Pneumonia due to Methicillin resistant Staphylococcus aureus	Diagnosis	ICD-10-CM
J15.29	Pneumonia due to other staphylococcus	Diagnosis	ICD-10-CM
J15.3	Pneumonia due to streptococcus, group B	Diagnosis	ICD-10-CM
J15.4	Pneumonia due to other streptococci	Diagnosis	ICD-10-CM
J15.5	Pneumonia due to Escherichia coli	Diagnosis	ICD-10-CM
J15.6	Pneumonia due to other Gram-negative bacteria	Diagnosis	ICD-10-CM
J15.7	Pneumonia due to Mycoplasma pneumoniae	Diagnosis	ICD-10-CM
J15.8	Pneumonia due to other specified bacteria	Diagnosis	ICD-10-CM
J15.9	Unspecified bacterial pneumonia	Diagnosis	ICD-10-CM
J16.0	Chlamydial pneumonia	Diagnosis	ICD-10-CM
J16.8	Pneumonia due to other specified infectious organisms	Diagnosis	ICD-10-CM
J17	Pneumonia in diseases classified elsewhere	Diagnosis	ICD-10-CM
J18.0	Bronchopneumonia, unspecified organism	Diagnosis	ICD-10-CM
J18.1	Lobar pneumonia, unspecified organism	Diagnosis	ICD-10-CM
J18.8	Other pneumonia, unspecified organism	Diagnosis	ICD-10-CM
J18.9	Pneumonia, unspecified organism	Diagnosis	ICD-10-CM
J85.1	Abscess of lung with pneumonia	Diagnosis	ICD-10-CM
N10	Acute pyelonephritis	Diagnosis	ICD-10-CM
N16	Renal tubulo-interstitial disorders in diseases classified elsewhere	Diagnosis	ICD-10-CM
A04.8	Other specified bacterial intestinal infections	Diagnosis	ICD-10-CM
A04.9	Bacterial intestinal infection, unspecified	Diagnosis	ICD-10-CM
A74.81	Chlamydial peritonitis	Diagnosis	ICD-10-CM
D73.3	Abscess of spleen	Diagnosis	ICD-10-CM
K35.2	Acute appendicitis with generalized peritonitis	Diagnosis	ICD-10-CM
K35.3	Acute appendicitis with localized peritonitis	Diagnosis	ICD-10-CM
K35.80	Unspecified acute appendicitis	Diagnosis	ICD-10-CM
K35.89	Other acute appendicitis	Diagnosis	ICD-10-CM
K36	Other appendicitis	Diagnosis	ICD-10-CM
K37	Unspecified appendicitis	Diagnosis	ICD-10-CM
K38.9	Disease of appendix, unspecified	Diagnosis	ICD-10-CM
K55.30	Necrotizing enterocolitis, unspecified	Diagnosis	ICD-10-CM
K55.31	Stage 1 necrotizing enterocolitis	Diagnosis	ICD-10-CM

**Appendix K. List of International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes and Healthcare Common Procedure Coding System (HCPCS) Codes Used to Define Baseline Characteristics in this Request**

<b>Code</b>	<b>Description</b>	<b>Code Category</b>	<b>Code Type</b>
K55.32	Stage 2 necrotizing enterocolitis	Diagnosis	ICD-10-CM
K55.33	Stage 3 necrotizing enterocolitis	Diagnosis	ICD-10-CM
K57.00	Diverticulitis of small intestine with perforation and abscess without bleeding	Diagnosis	ICD-10-CM
K57.01	Diverticulitis of small intestine with perforation and abscess with bleeding	Diagnosis	ICD-10-CM
K57.12	Diverticulitis of small intestine without perforation or abscess without bleeding	Diagnosis	ICD-10-CM
K57.13	Diverticulitis of small intestine without perforation or abscess with bleeding	Diagnosis	ICD-10-CM
K57.20	Diverticulitis of large intestine with perforation and abscess without bleeding	Diagnosis	ICD-10-CM
K57.21	Diverticulitis of large intestine with perforation and abscess with bleeding	Diagnosis	ICD-10-CM
K57.32	Diverticulitis of large intestine without perforation or abscess without bleeding	Diagnosis	ICD-10-CM
K57.33	Diverticulitis of large intestine without perforation or abscess with bleeding	Diagnosis	ICD-10-CM
K57.40	Diverticulitis of both small and large intestine with perforation and abscess without bleeding	Diagnosis	ICD-10-CM
K57.41	Diverticulitis of both small and large intestine with perforation and abscess with bleeding	Diagnosis	ICD-10-CM
K57.52	Diverticulitis of both small and large intestine without perforation or abscess without bleeding	Diagnosis	ICD-10-CM
K57.53	Diverticulitis of both small and large intestine without perforation or abscess with bleeding	Diagnosis	ICD-10-CM
K57.80	Diverticulitis of intestine, part unspecified, with perforation and abscess without bleeding	Diagnosis	ICD-10-CM
K57.81	Diverticulitis of intestine, part unspecified, with perforation and abscess with bleeding	Diagnosis	ICD-10-CM
K57.92	Diverticulitis of intestine, part unspecified, without perforation or abscess without bleeding	Diagnosis	ICD-10-CM
K57.93	Diverticulitis of intestine, part unspecified, without perforation or abscess with bleeding	Diagnosis	ICD-10-CM
K63.0	Abscess of intestine	Diagnosis	ICD-10-CM
K65.0	Generalized (acute) peritonitis	Diagnosis	ICD-10-CM
K65.1	Peritoneal abscess	Diagnosis	ICD-10-CM
K65.2	Spontaneous bacterial peritonitis	Diagnosis	ICD-10-CM
K65.3	Choleperitonitis	Diagnosis	ICD-10-CM
K65.8	Other peritonitis	Diagnosis	ICD-10-CM
K65.9	Peritonitis, unspecified	Diagnosis	ICD-10-CM
K68.19	Other retroperitoneal abscess	Diagnosis	ICD-10-CM
K75.0	Abscess of liver	Diagnosis	ICD-10-CM
K81.0	Acute cholecystitis	Diagnosis	ICD-10-CM
K81.2	Acute cholecystitis with chronic cholecystitis	Diagnosis	ICD-10-CM
K81.9	Cholecystitis, unspecified	Diagnosis	ICD-10-CM
K85.0	Idiopathic acute pancreatitis	Diagnosis	ICD-10-CM
K85.00	Idiopathic acute pancreatitis without necrosis or infection	Diagnosis	ICD-10-CM
K85.01	Idiopathic acute pancreatitis with uninfected necrosis	Diagnosis	ICD-10-CM
K85.02	Idiopathic acute pancreatitis with infected necrosis	Diagnosis	ICD-10-CM

**Appendix K. List of International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes and Healthcare Common Procedure Coding System (HCPCS) Codes Used to Define Baseline Characteristics in this Request**

<b>Code</b>	<b>Description</b>	<b>Code Category</b>	<b>Code Type</b>
K85.1	Biliary acute pancreatitis	Diagnosis	ICD-10-CM
K85.10	Biliary acute pancreatitis without necrosis or infection	Diagnosis	ICD-10-CM
K85.11	Biliary acute pancreatitis with uninfected necrosis	Diagnosis	ICD-10-CM
K85.12	Biliary acute pancreatitis with infected necrosis	Diagnosis	ICD-10-CM
K85.3	Drug induced acute pancreatitis	Diagnosis	ICD-10-CM
K85.30	Drug induced acute pancreatitis without necrosis or infection	Diagnosis	ICD-10-CM
K85.31	Drug induced acute pancreatitis with uninfected necrosis	Diagnosis	ICD-10-CM
K85.32	Drug induced acute pancreatitis with infected necrosis	Diagnosis	ICD-10-CM
K85.8	Other acute pancreatitis	Diagnosis	ICD-10-CM
K85.80	Other acute pancreatitis without necrosis or infection	Diagnosis	ICD-10-CM
K85.81	Other acute pancreatitis with uninfected necrosis	Diagnosis	ICD-10-CM
K85.82	Other acute pancreatitis with infected necrosis	Diagnosis	ICD-10-CM
K85.9	Acute pancreatitis, unspecified	Diagnosis	ICD-10-CM
K85.90	Acute pancreatitis without necrosis or infection, unspecified	Diagnosis	ICD-10-CM
K85.91	Acute pancreatitis with uninfected necrosis, unspecified	Diagnosis	ICD-10-CM
K85.92	Acute pancreatitis with infected necrosis, unspecified	Diagnosis	ICD-10-CM
A31.1	Cutaneous mycobacterial infection	Diagnosis	ICD-10-CM
A36.3	Cutaneous diphtheria	Diagnosis	ICD-10-CM
A43.1	Cutaneous nocardiosis	Diagnosis	ICD-10-CM
A46	Erysipelas	Diagnosis	ICD-10-CM
A48.0	Gas gangrene	Diagnosis	ICD-10-CM
H00.031	Abscess of right upper eyelid	Diagnosis	ICD-10-CM
H00.032	Abscess of right lower eyelid	Diagnosis	ICD-10-CM
H00.033	Abscess of eyelid right eye, unspecified eyelid	Diagnosis	ICD-10-CM
H00.034	Abscess of left upper eyelid	Diagnosis	ICD-10-CM
H00.035	Abscess of left lower eyelid	Diagnosis	ICD-10-CM
H00.036	Abscess of eyelid left eye, unspecified eyelid	Diagnosis	ICD-10-CM
H00.039	Abscess of eyelid unspecified eye, unspecified eyelid	Diagnosis	ICD-10-CM
H05.011	Cellulitis of right orbit	Diagnosis	ICD-10-CM
H05.012	Cellulitis of left orbit	Diagnosis	ICD-10-CM
H05.013	Cellulitis of bilateral orbits	Diagnosis	ICD-10-CM
H05.019	Cellulitis of unspecified orbit	Diagnosis	ICD-10-CM
H60.00	Abscess of external ear, unspecified ear	Diagnosis	ICD-10-CM
H60.01	Abscess of right external ear	Diagnosis	ICD-10-CM
H60.02	Abscess of left external ear	Diagnosis	ICD-10-CM
H60.03	Abscess of external ear, bilateral	Diagnosis	ICD-10-CM
H60.10	Cellulitis of external ear, unspecified ear	Diagnosis	ICD-10-CM
H60.11	Cellulitis of right external ear	Diagnosis	ICD-10-CM
H60.12	Cellulitis of left external ear	Diagnosis	ICD-10-CM
H60.13	Cellulitis of external ear, bilateral	Diagnosis	ICD-10-CM
I70.261	Atherosclerosis of native arteries of extremities with gangrene, right leg	Diagnosis	ICD-10-CM
I70.262	Atherosclerosis of native arteries of extremities with gangrene, left leg	Diagnosis	ICD-10-CM
I70.263	Atherosclerosis of native arteries of extremities with gangrene, bilateral legs	Diagnosis	ICD-10-CM

**Appendix K. List of International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes and Healthcare Common Procedure Coding System (HCPCS) Codes Used to Define Baseline Characteristics in this Request**

<b>Code</b>	<b>Description</b>	<b>Code Category</b>	<b>Code Type</b>
I70.268	Atherosclerosis of native arteries of extremities with gangrene, other extremity	Diagnosis	ICD-10-CM
I70.269	Atherosclerosis of native arteries of extremities with gangrene, unspecified extremity	Diagnosis	ICD-10-CM
I73.01	Raynaud's syndrome with gangrene	Diagnosis	ICD-10-CM
I96	Gangrene, not elsewhere classified	Diagnosis	ICD-10-CM
J34.0	Abscess, furuncle and carbuncle of nose	Diagnosis	ICD-10-CM
J85.0	Gangrene and necrosis of lung	Diagnosis	ICD-10-CM
K12.2	Cellulitis and abscess of mouth	Diagnosis	ICD-10-CM
K61.0	Anal abscess	Diagnosis	ICD-10-CM
K61.1	Rectal abscess	Diagnosis	ICD-10-CM
K61.2	Anorectal abscess	Diagnosis	ICD-10-CM
K61.3	Ischiorectal abscess	Diagnosis	ICD-10-CM
L01.00	Impetigo, unspecified	Diagnosis	ICD-10-CM
L01.01	Non-bullous impetigo	Diagnosis	ICD-10-CM
L01.02	Bockhart's impetigo	Diagnosis	ICD-10-CM
L01.03	Bullous impetigo	Diagnosis	ICD-10-CM
L01.09	Other impetigo	Diagnosis	ICD-10-CM
L01.1	Impetiginization of other dermatoses	Diagnosis	ICD-10-CM
L02.01	Cutaneous abscess of face	Diagnosis	ICD-10-CM
L02.02	Furuncle of face	Diagnosis	ICD-10-CM
L02.03	Carbuncle of face	Diagnosis	ICD-10-CM
L02.11	Cutaneous abscess of neck	Diagnosis	ICD-10-CM
L02.12	Furuncle of neck	Diagnosis	ICD-10-CM
L02.13	Carbuncle of neck	Diagnosis	ICD-10-CM
L02.211	Cutaneous abscess of abdominal wall	Diagnosis	ICD-10-CM
L02.212	Cutaneous abscess of back [any part, except buttock]	Diagnosis	ICD-10-CM
L02.213	Cutaneous abscess of chest wall	Diagnosis	ICD-10-CM
L02.214	Cutaneous abscess of groin	Diagnosis	ICD-10-CM
L02.215	Cutaneous abscess of perineum	Diagnosis	ICD-10-CM
L02.216	Cutaneous abscess of umbilicus	Diagnosis	ICD-10-CM
L02.219	Cutaneous abscess of trunk, unspecified	Diagnosis	ICD-10-CM
L02.221	Furuncle of abdominal wall	Diagnosis	ICD-10-CM
L02.222	Furuncle of back [any part, except buttock]	Diagnosis	ICD-10-CM
L02.223	Furuncle of chest wall	Diagnosis	ICD-10-CM
L02.224	Furuncle of groin	Diagnosis	ICD-10-CM
L02.225	Furuncle of perineum	Diagnosis	ICD-10-CM
L02.226	Furuncle of umbilicus	Diagnosis	ICD-10-CM
L02.229	Furuncle of trunk, unspecified	Diagnosis	ICD-10-CM
L02.231	Carbuncle of abdominal wall	Diagnosis	ICD-10-CM
L02.232	Carbuncle of back [any part, except buttock]	Diagnosis	ICD-10-CM
L02.233	Carbuncle of chest wall	Diagnosis	ICD-10-CM
L02.234	Carbuncle of groin	Diagnosis	ICD-10-CM
L02.235	Carbuncle of perineum	Diagnosis	ICD-10-CM

**Appendix K. List of International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes and Healthcare Common Procedure Coding System (HCPCS) Codes Used to Define Baseline Characteristics in this Request**

<b>Code</b>	<b>Description</b>	<b>Code Category</b>	<b>Code Type</b>
L02.236	Carbuncle of umbilicus	Diagnosis	ICD-10-CM
L02.239	Carbuncle of trunk, unspecified	Diagnosis	ICD-10-CM
L02.31	Cutaneous abscess of buttock	Diagnosis	ICD-10-CM
L02.32	Furuncle of buttock	Diagnosis	ICD-10-CM
L02.33	Carbuncle of buttock	Diagnosis	ICD-10-CM
L02.411	Cutaneous abscess of right axilla	Diagnosis	ICD-10-CM
L02.412	Cutaneous abscess of left axilla	Diagnosis	ICD-10-CM
L02.413	Cutaneous abscess of right upper limb	Diagnosis	ICD-10-CM
L02.414	Cutaneous abscess of left upper limb	Diagnosis	ICD-10-CM
L02.415	Cutaneous abscess of right lower limb	Diagnosis	ICD-10-CM
L02.416	Cutaneous abscess of left lower limb	Diagnosis	ICD-10-CM
L02.419	Cutaneous abscess of limb, unspecified	Diagnosis	ICD-10-CM
L02.421	Furuncle of right axilla	Diagnosis	ICD-10-CM
L02.422	Furuncle of left axilla	Diagnosis	ICD-10-CM
L02.423	Furuncle of right upper limb	Diagnosis	ICD-10-CM
L02.424	Furuncle of left upper limb	Diagnosis	ICD-10-CM
L02.425	Furuncle of right lower limb	Diagnosis	ICD-10-CM
L02.426	Furuncle of left lower limb	Diagnosis	ICD-10-CM
L02.429	Furuncle of limb, unspecified	Diagnosis	ICD-10-CM
L02.431	Carbuncle of right axilla	Diagnosis	ICD-10-CM
L02.432	Carbuncle of left axilla	Diagnosis	ICD-10-CM
L02.433	Carbuncle of right upper limb	Diagnosis	ICD-10-CM
L02.434	Carbuncle of left upper limb	Diagnosis	ICD-10-CM
L02.435	Carbuncle of right lower limb	Diagnosis	ICD-10-CM
L02.436	Carbuncle of left lower limb	Diagnosis	ICD-10-CM
L02.439	Carbuncle of limb, unspecified	Diagnosis	ICD-10-CM
L02.511	Cutaneous abscess of right hand	Diagnosis	ICD-10-CM
L02.512	Cutaneous abscess of left hand	Diagnosis	ICD-10-CM
L02.519	Cutaneous abscess of unspecified hand	Diagnosis	ICD-10-CM
L02.521	Furuncle right hand	Diagnosis	ICD-10-CM
L02.522	Furuncle left hand	Diagnosis	ICD-10-CM
L02.529	Furuncle unspecified hand	Diagnosis	ICD-10-CM
L02.531	Carbuncle of right hand	Diagnosis	ICD-10-CM
L02.532	Carbuncle of left hand	Diagnosis	ICD-10-CM
L02.539	Carbuncle of unspecified hand	Diagnosis	ICD-10-CM
L02.611	Cutaneous abscess of right foot	Diagnosis	ICD-10-CM
L02.612	Cutaneous abscess of left foot	Diagnosis	ICD-10-CM
L02.619	Cutaneous abscess of unspecified foot	Diagnosis	ICD-10-CM
L02.621	Furuncle of right foot	Diagnosis	ICD-10-CM
L02.622	Furuncle of left foot	Diagnosis	ICD-10-CM
L02.629	Furuncle of unspecified foot	Diagnosis	ICD-10-CM
L02.631	Carbuncle of right foot	Diagnosis	ICD-10-CM
L02.632	Carbuncle of left foot	Diagnosis	ICD-10-CM
L02.639	Carbuncle of unspecified foot	Diagnosis	ICD-10-CM



**Appendix K. List of International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes and Healthcare Common Procedure Coding System (HCPCS) Codes Used to Define Baseline Characteristics in this Request**

<b>Code</b>	<b>Description</b>	<b>Code Category</b>	<b>Code Type</b>
L02.811	Cutaneous abscess of head [any part, except face]	Diagnosis	ICD-10-CM
L02.818	Cutaneous abscess of other sites	Diagnosis	ICD-10-CM
L02.821	Furuncle of head [any part, except face]	Diagnosis	ICD-10-CM
L02.828	Furuncle of other sites	Diagnosis	ICD-10-CM
L02.831	Carbuncle of head [any part, except face]	Diagnosis	ICD-10-CM
L02.838	Carbuncle of other sites	Diagnosis	ICD-10-CM
L02.91	Cutaneous abscess, unspecified	Diagnosis	ICD-10-CM
L02.92	Furuncle, unspecified	Diagnosis	ICD-10-CM
L02.93	Carbuncle, unspecified	Diagnosis	ICD-10-CM
L03.011	Cellulitis of right finger	Diagnosis	ICD-10-CM
L03.012	Cellulitis of left finger	Diagnosis	ICD-10-CM
L03.019	Cellulitis of unspecified finger	Diagnosis	ICD-10-CM
L03.031	Cellulitis of right toe	Diagnosis	ICD-10-CM
L03.032	Cellulitis of left toe	Diagnosis	ICD-10-CM
L03.039	Cellulitis of unspecified toe	Diagnosis	ICD-10-CM
L03.111	Cellulitis of right axilla	Diagnosis	ICD-10-CM
L03.112	Cellulitis of left axilla	Diagnosis	ICD-10-CM
L03.113	Cellulitis of right upper limb	Diagnosis	ICD-10-CM
L03.114	Cellulitis of left upper limb	Diagnosis	ICD-10-CM
L03.115	Cellulitis of right lower limb	Diagnosis	ICD-10-CM
L03.116	Cellulitis of left lower limb	Diagnosis	ICD-10-CM
L03.119	Cellulitis of unspecified part of limb	Diagnosis	ICD-10-CM
L03.211	Cellulitis of face	Diagnosis	ICD-10-CM
L03.213	Periorbital cellulitis	Diagnosis	ICD-10-CM
L03.221	Cellulitis of neck	Diagnosis	ICD-10-CM
L03.311	Cellulitis of abdominal wall	Diagnosis	ICD-10-CM
L03.312	Cellulitis of back [any part except buttock]	Diagnosis	ICD-10-CM
L03.313	Cellulitis of chest wall	Diagnosis	ICD-10-CM
L03.314	Cellulitis of groin	Diagnosis	ICD-10-CM
L03.315	Cellulitis of perineum	Diagnosis	ICD-10-CM
L03.316	Cellulitis of umbilicus	Diagnosis	ICD-10-CM
L03.317	Cellulitis of buttock	Diagnosis	ICD-10-CM
L03.319	Cellulitis of trunk, unspecified	Diagnosis	ICD-10-CM
L03.811	Cellulitis of head [any part, except face]	Diagnosis	ICD-10-CM
L03.818	Cellulitis of other sites	Diagnosis	ICD-10-CM
L03.90	Cellulitis, unspecified	Diagnosis	ICD-10-CM
L05.01	Pilonidal cyst with abscess	Diagnosis	ICD-10-CM
L05.02	Pilonidal sinus with abscess	Diagnosis	ICD-10-CM
L05.91	Pilonidal cyst without abscess	Diagnosis	ICD-10-CM
L05.92	Pilonidal sinus without abscess	Diagnosis	ICD-10-CM
L08.89	Other specified local infections of the skin and subcutaneous tissue	Diagnosis	ICD-10-CM
L08.9	Local infection of the skin and subcutaneous tissue, unspecified	Diagnosis	ICD-10-CM
M72.6	Necrotizing fasciitis	Diagnosis	ICD-10-CM
N48.21	Abscess of corpus cavernosum and penis	Diagnosis	ICD-10-CM



**Appendix K. List of International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes and Healthcare Common Procedure Coding System (HCPCS) Codes Used to Define Baseline Characteristics in this Request**

<b>Code</b>	<b>Description</b>	<b>Code Category</b>	<b>Code Type</b>
N48.22	Cellulitis of corpus cavernosum and penis	Diagnosis	ICD-10-CM
N61.1	Abscess of the breast and nipple	Diagnosis	ICD-10-CM
N73.0	Acute parametritis and pelvic cellulitis	Diagnosis	ICD-10-CM
N73.2	Unspecified parametritis and pelvic cellulitis	Diagnosis	ICD-10-CM
<b>Intestine, Fistula</b>			
K31.6	Fistula of stomach and duodenum	Diagnosis	ICD-10-CM
K38.3	Fistula of appendix	Diagnosis	ICD-10-CM
K50.013	Crohn's disease of small intestine with fistula	Diagnosis	ICD-10-CM
K50.113	Crohn's disease of large intestine with fistula	Diagnosis	ICD-10-CM
K50.813	Crohn's disease of both small and large intestine with fistula	Diagnosis	ICD-10-CM
K50.913	Crohn's disease, unspecified, with fistula	Diagnosis	ICD-10-CM
K51.013	Ulcerative (chronic) pancolitis with fistula	Diagnosis	ICD-10-CM
K51.213	Ulcerative (chronic) proctitis with fistula	Diagnosis	ICD-10-CM
K51.313	Ulcerative (chronic) rectosigmoiditis with fistula	Diagnosis	ICD-10-CM
K51.413	Inflammatory polyps of colon with fistula	Diagnosis	ICD-10-CM
K51.513	Left sided colitis with fistula	Diagnosis	ICD-10-CM
K51.813	Other ulcerative colitis with fistula	Diagnosis	ICD-10-CM
K51.913	Ulcerative colitis, unspecified with fistula	Diagnosis	ICD-10-CM
K60	Fissure and fistula of anal and rectal regions	Diagnosis	ICD-10-CM
K60.3	Anal fistula	Diagnosis	ICD-10-CM
K60.4	Rectal fistula	Diagnosis	ICD-10-CM
K60.5	Anorectal fistula	Diagnosis	ICD-10-CM
K63.2	Fistula of intestine	Diagnosis	ICD-10-CM
K82.3	Fistula of gallbladder	Diagnosis	ICD-10-CM
K83.3	Fistula of bile duct	Diagnosis	ICD-10-CM
N32.1	Vesicointestinal fistula	Diagnosis	ICD-10-CM
N82.2	Fistula of vagina to small intestine	Diagnosis	ICD-10-CM
N82.3	Fistula of vagina to large intestine	Diagnosis	ICD-10-CM
N82.4	Other female intestinal-genital tract fistulae	Diagnosis	ICD-10-CM
<b>Intestine, Obstruction</b>			
K50.012	Crohn's disease of small intestine with intestinal obstruction	Diagnosis	ICD-10-CM
K50.112	Crohn's disease of large intestine with intestinal obstruction	Diagnosis	ICD-10-CM
K50.812	Crohn's disease of both small and large intestine with intestinal obstruction	Diagnosis	ICD-10-CM
K50.912	Crohn's disease, unspecified, with intestinal obstruction	Diagnosis	ICD-10-CM
K51.012	Ulcerative (chronic) pancolitis with intestinal obstruction	Diagnosis	ICD-10-CM
K51.212	Ulcerative (chronic) proctitis with intestinal obstruction	Diagnosis	ICD-10-CM
K51.312	Ulcerative (chronic) rectosigmoiditis with intestinal obstruction	Diagnosis	ICD-10-CM
K51.412	Inflammatory polyps of colon with intestinal obstruction	Diagnosis	ICD-10-CM
K51.512	Left sided colitis with intestinal obstruction	Diagnosis	ICD-10-CM
K51.812	Other ulcerative colitis with intestinal obstruction	Diagnosis	ICD-10-CM
K51.912	Ulcerative colitis, unspecified with intestinal obstruction	Diagnosis	ICD-10-CM
K56	Paralytic ileus and intestinal obstruction without hernia	Diagnosis	ICD-10-CM
K56.5	Intestinal adhesions [bands] with obstruction (postinfection)	Diagnosis	ICD-10-CM

**Appendix K. List of International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes and Healthcare Common Procedure Coding System (HCPCS) Codes Used to Define Baseline Characteristics in this Request**

<b>Code</b>	<b>Description</b>	<b>Code Category</b>	<b>Code Type</b>
K56.50	Intestinal adhesions [bands], unspecified as to partial versus complete obstruction	Diagnosis	ICD-10-CM
K56.51	Intestinal adhesions [bands], with partial obstruction	Diagnosis	ICD-10-CM
K56.52	Intestinal adhesions [bands] with complete obstruction	Diagnosis	ICD-10-CM
K56.6	Other and unspecified intestinal obstruction	Diagnosis	ICD-10-CM
K56.60	Unspecified intestinal obstruction	Diagnosis	ICD-10-CM
K56.600	Partial intestinal obstruction, unspecified as to cause	Diagnosis	ICD-10-CM
K56.601	Complete intestinal obstruction, unspecified as to cause	Diagnosis	ICD-10-CM
K56.609	Unspecified intestinal obstruction, unspecified as to partial versus complete obstruction	Diagnosis	ICD-10-CM
K56.69	Other intestinal obstruction	Diagnosis	ICD-10-CM
K56.690	Other partial intestinal obstruction	Diagnosis	ICD-10-CM
K56.691	Other complete intestinal obstruction	Diagnosis	ICD-10-CM
K56.699	Other intestinal obstruction unspecified as to partial versus complete obstruction	Diagnosis	ICD-10-CM
K91.3	Postprocedural intestinal obstruction	Diagnosis	ICD-10-CM
K91.30	Postprocedural intestinal obstruction, unspecified as to partial versus complete	Diagnosis	ICD-10-CM
K91.31	Postprocedural partial intestinal obstruction	Diagnosis	ICD-10-CM
K91.32	Postprocedural complete intestinal obstruction	Diagnosis	ICD-10-CM
<b>Ischemic Heart Disease</b>			
I20.0	Unstable angina	Diagnosis	ICD-10-CM
I20.1	Angina pectoris with documented spasm	Diagnosis	ICD-10-CM
I20.8	Other forms of angina pectoris	Diagnosis	ICD-10-CM
I20.9	Angina pectoris, unspecified	Diagnosis	ICD-10-CM
I24.0	Acute coronary thrombosis not resulting in myocardial infarction	Diagnosis	ICD-10-CM
I24.1	Dressler's syndrome	Diagnosis	ICD-10-CM
I24.8	Other forms of acute ischemic heart disease	Diagnosis	ICD-10-CM
I24.9	Acute ischemic heart disease, unspecified	Diagnosis	ICD-10-CM
I25.10	Atherosclerotic heart disease of native coronary artery without angina pectoris	Diagnosis	ICD-10-CM
I25.110	Atherosclerotic heart disease of native coronary artery with unstable angina pectoris	Diagnosis	ICD-10-CM
I25.111	Atherosclerotic heart disease of native coronary artery with angina pectoris with documented spasm	Diagnosis	ICD-10-CM
I25.118	Atherosclerotic heart disease of native coronary artery with other forms of angina pectoris	Diagnosis	ICD-10-CM
I25.119	Atherosclerotic heart disease of native coronary artery with unspecified angina pectoris	Diagnosis	ICD-10-CM
I25.2	Old myocardial infarction	Diagnosis	ICD-10-CM
I25.3	Aneurysm of heart	Diagnosis	ICD-10-CM
I25.41	Coronary artery aneurysm	Diagnosis	ICD-10-CM
I25.42	Coronary artery dissection	Diagnosis	ICD-10-CM
I25.5	Ischemic cardiomyopathy	Diagnosis	ICD-10-CM

**Appendix K. List of International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes and Healthcare Common Procedure Coding System (HCPCS) Codes Used to Define Baseline Characteristics in this Request**

<b>Code</b>	<b>Description</b>	<b>Code Category</b>	<b>Code Type</b>
I25.6	Silent myocardial ischemia	Diagnosis	ICD-10-CM
I25.700	Atherosclerosis of coronary artery bypass graft(s), unspecified, with unstable angina pectoris	Diagnosis	ICD-10-CM
I25.701	Atherosclerosis of coronary artery bypass graft(s), unspecified, with angina pectoris with documented spasm	Diagnosis	ICD-10-CM
I25.708	Atherosclerosis of coronary artery bypass graft(s), unspecified, with other forms of angina pectoris	Diagnosis	ICD-10-CM
I25.709	Atherosclerosis of coronary artery bypass graft(s), unspecified, with unspecified angina pectoris	Diagnosis	ICD-10-CM
I25.710	Atherosclerosis of autologous vein coronary artery bypass graft(s) with unstable angina pectoris	Diagnosis	ICD-10-CM
I25.711	Atherosclerosis of autologous vein coronary artery bypass graft(s) with angina pectoris with documented spasm	Diagnosis	ICD-10-CM
I25.718	Atherosclerosis of autologous vein coronary artery bypass graft(s) with other forms of angina pectoris	Diagnosis	ICD-10-CM
I25.719	Atherosclerosis of autologous vein coronary artery bypass graft(s) with unspecified angina pectoris	Diagnosis	ICD-10-CM
I25.720	Atherosclerosis of autologous artery coronary artery bypass graft(s) with unstable angina pectoris	Diagnosis	ICD-10-CM
I25.721	Atherosclerosis of autologous artery coronary artery bypass graft(s) with angina pectoris with documented spasm	Diagnosis	ICD-10-CM
I25.728	Atherosclerosis of autologous artery coronary artery bypass graft(s) with other forms of angina pectoris	Diagnosis	ICD-10-CM
I25.729	Atherosclerosis of autologous artery coronary artery bypass graft(s) with unspecified angina pectoris	Diagnosis	ICD-10-CM
I25.730	Atherosclerosis of nonautologous biological coronary artery bypass graft(s) with unstable angina pectoris	Diagnosis	ICD-10-CM
I25.731	Atherosclerosis of nonautologous biological coronary artery bypass graft(s) with angina pectoris with documented spasm	Diagnosis	ICD-10-CM
I25.738	Atherosclerosis of nonautologous biological coronary artery bypass graft(s) with other forms of angina pectoris	Diagnosis	ICD-10-CM
I25.739	Atherosclerosis of nonautologous biological coronary artery bypass graft(s) with unspecified angina pectoris	Diagnosis	ICD-10-CM
I25.750	Atherosclerosis of native coronary artery of transplanted heart with unstable angina	Diagnosis	ICD-10-CM
I25.751	Atherosclerosis of native coronary artery of transplanted heart with angina pectoris with documented spasm	Diagnosis	ICD-10-CM
I25.758	Atherosclerosis of native coronary artery of transplanted heart with other forms of angina pectoris	Diagnosis	ICD-10-CM
I25.759	Atherosclerosis of native coronary artery of transplanted heart with unspecified angina pectoris	Diagnosis	ICD-10-CM
I25.760	Atherosclerosis of bypass graft of coronary artery of transplanted heart with unstable angina	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
I25.761	Atherosclerosis of bypass graft of coronary artery of transplanted heart with angina pectoris with documented spasm	Diagnosis	ICD-10-CM
I25.768	Atherosclerosis of bypass graft of coronary artery of transplanted heart with other forms of angina pectoris	Diagnosis	ICD-10-CM
I25.769	Atherosclerosis of bypass graft of coronary artery of transplanted heart with unspecified angina pectoris	Diagnosis	ICD-10-CM
I25.790	Atherosclerosis of other coronary artery bypass graft(s) with unstable angina pectoris	Diagnosis	ICD-10-CM
I25.791	Atherosclerosis of other coronary artery bypass graft(s) with angina pectoris with documented spasm	Diagnosis	ICD-10-CM
I25.798	Atherosclerosis of other coronary artery bypass graft(s) with other forms of angina pectoris	Diagnosis	ICD-10-CM
I25.799	Atherosclerosis of other coronary artery bypass graft(s) with unspecified angina pectoris	Diagnosis	ICD-10-CM
I25.810	Atherosclerosis of coronary artery bypass graft(s) without angina pectoris	Diagnosis	ICD-10-CM
I25.811	Atherosclerosis of native coronary artery of transplanted heart without angina pectoris	Diagnosis	ICD-10-CM
I25.812	Atherosclerosis of bypass graft of coronary artery of transplanted heart without angina pectoris	Diagnosis	ICD-10-CM
I25.82	Chronic total occlusion of coronary artery	Diagnosis	ICD-10-CM
I25.83	Coronary atherosclerosis due to lipid rich plaque	Diagnosis	ICD-10-CM
I25.84	Coronary atherosclerosis due to calcified coronary lesion	Diagnosis	ICD-10-CM
I25.89	Other forms of chronic ischemic heart disease	Diagnosis	ICD-10-CM
I25.9	Chronic ischemic heart disease, unspecified	Diagnosis	ICD-10-CM
<b>Liver Disease</b>			
K70.0	Alcoholic fatty liver	Diagnosis	ICD-10-CM
K70.10	Alcoholic hepatitis without ascites	Diagnosis	ICD-10-CM
K70.11	Alcoholic hepatitis with ascites	Diagnosis	ICD-10-CM
K70.2	Alcoholic fibrosis and sclerosis of liver	Diagnosis	ICD-10-CM
K70.30	Alcoholic cirrhosis of liver without ascites	Diagnosis	ICD-10-CM
K70.31	Alcoholic cirrhosis of liver with ascites	Diagnosis	ICD-10-CM
K70.40	Alcoholic hepatic failure without coma	Diagnosis	ICD-10-CM
K70.41	Alcoholic hepatic failure with coma	Diagnosis	ICD-10-CM
K70.9	Alcoholic liver disease, unspecified	Diagnosis	ICD-10-CM
K71.0	Toxic liver disease with cholestasis	Diagnosis	ICD-10-CM
K71.11	Toxic liver disease with hepatic necrosis, with coma	Diagnosis	ICD-10-CM
K71.7	Toxic liver disease with fibrosis and cirrhosis of liver	Diagnosis	ICD-10-CM
K71.8	Toxic liver disease with other disorders of liver	Diagnosis	ICD-10-CM
K71.9	Toxic liver disease, unspecified	Diagnosis	ICD-10-CM
K72.00	Acute and subacute hepatic failure without coma	Diagnosis	ICD-10-CM
K72.01	Acute and subacute hepatic failure with coma	Diagnosis	ICD-10-CM
K72.10	Chronic hepatic failure without coma	Diagnosis	ICD-10-CM
K72.11	Chronic hepatic failure with coma	Diagnosis	ICD-10-CM
K72.90	Hepatic failure, unspecified without coma	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
K72.91	Hepatic failure, unspecified with coma	Diagnosis	ICD-10-CM
K74.0	Hepatic fibrosis	Diagnosis	ICD-10-CM
K74.00	Hepatic fibrosis, unspecified	Diagnosis	ICD-10-CM
K74.01	Hepatic fibrosis, early fibrosis	Diagnosis	ICD-10-CM
K74.02	Hepatic fibrosis, advanced fibrosis	Diagnosis	ICD-10-CM
K74.1	Hepatic sclerosis	Diagnosis	ICD-10-CM
K74.2	Hepatic fibrosis with hepatic sclerosis	Diagnosis	ICD-10-CM
K74.3	Primary biliary cirrhosis	Diagnosis	ICD-10-CM
K74.4	Secondary biliary cirrhosis	Diagnosis	ICD-10-CM
K74.5	Biliary cirrhosis, unspecified	Diagnosis	ICD-10-CM
K74.60	Unspecified cirrhosis of liver	Diagnosis	ICD-10-CM
K74.69	Other cirrhosis of liver	Diagnosis	ICD-10-CM
K75.0	Abscess of liver	Diagnosis	ICD-10-CM
K75.1	Phlebitis of portal vein	Diagnosis	ICD-10-CM
K75.81	Nonalcoholic steatohepatitis (NASH)	Diagnosis	ICD-10-CM
K75.89	Other specified inflammatory liver diseases	Diagnosis	ICD-10-CM
K75.9	Inflammatory liver disease, unspecified	Diagnosis	ICD-10-CM
K76.0	Fatty (change of) liver, not elsewhere classified	Diagnosis	ICD-10-CM
K76.1	Chronic passive congestion of liver	Diagnosis	ICD-10-CM
K76.2	Central hemorrhagic necrosis of liver	Diagnosis	ICD-10-CM
K76.3	Infarction of liver	Diagnosis	ICD-10-CM
K76.5	Hepatic veno-occlusive disease	Diagnosis	ICD-10-CM
K76.6	Portal hypertension	Diagnosis	ICD-10-CM
K76.7	Hepatorenal syndrome	Diagnosis	ICD-10-CM
K76.81	Hepatopulmonary syndrome	Diagnosis	ICD-10-CM
K76.89	Other specified diseases of liver	Diagnosis	ICD-10-CM
K76.9	Liver disease, unspecified	Diagnosis	ICD-10-CM
K77	Liver disorders in diseases classified elsewhere	Diagnosis	ICD-10-CM
K80.30	Calculus of bile duct with cholangitis, unspecified, without obstruction	Diagnosis	ICD-10-CM
K80.31	Calculus of bile duct with cholangitis, unspecified, with obstruction	Diagnosis	ICD-10-CM
K80.32	Calculus of bile duct with acute cholangitis without obstruction	Diagnosis	ICD-10-CM
K80.33	Calculus of bile duct with acute cholangitis with obstruction	Diagnosis	ICD-10-CM
K80.34	Calculus of bile duct with chronic cholangitis without obstruction	Diagnosis	ICD-10-CM
K80.35	Calculus of bile duct with chronic cholangitis with obstruction	Diagnosis	ICD-10-CM
K80.36	Calculus of bile duct with acute and chronic cholangitis without obstruction	Diagnosis	ICD-10-CM
K80.37	Calculus of bile duct with acute and chronic cholangitis with obstruction	Diagnosis	ICD-10-CM
K83.0	Cholangitis	Diagnosis	ICD-10-CM
R16.0	Hepatomegaly, not elsewhere classified	Diagnosis	ICD-10-CM
R16.2	Hepatomegaly with splenomegaly, not elsewhere classified	Diagnosis	ICD-10-CM
Z48.23	Encounter for aftercare following liver transplant	Diagnosis	ICD-10-CM
Z94.4	Liver transplant status	Diagnosis	ICD-10-CM
<b>Obesity</b>			
E66.01	Morbid (severe) obesity due to excess calories	Diagnosis	ICD-10-CM
E66.09	Other obesity due to excess calories	Diagnosis	ICD-10-CM

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<b>Code</b>	<b>Description</b>	<b>Code Category</b>	<b>Code Type</b>
E66.1	Drug-induced obesity	Diagnosis	ICD-10-CM
E66.2	Morbid (severe) obesity with alveolar hypoventilation	Diagnosis	ICD-10-CM
E66.8	Other obesity	Diagnosis	ICD-10-CM
E66.9	Obesity, unspecified	Diagnosis	ICD-10-CM
K95.01	Infection due to gastric band procedure	Diagnosis	ICD-10-CM
K95.09	Other complications of gastric band procedure	Diagnosis	ICD-10-CM
K95.81	Infection due to other bariatric procedure	Diagnosis	ICD-10-CM
K95.89	Other complications of other bariatric procedure	Diagnosis	ICD-10-CM
Z68.30	Body mass index (BMI) 30.0-30.9, adult	Diagnosis	ICD-10-CM
Z68.31	Body mass index (BMI) 31.0-31.9, adult	Diagnosis	ICD-10-CM
Z68.32	Body mass index (BMI) 32.0-32.9, adult	Diagnosis	ICD-10-CM
Z68.33	Body mass index (BMI) 33.0-33.9, adult	Diagnosis	ICD-10-CM
Z68.34	Body mass index (BMI) 34.0-34.9, adult	Diagnosis	ICD-10-CM
Z68.35	Body mass index (BMI) 35.0-35.9, adult	Diagnosis	ICD-10-CM
Z68.36	Body mass index (BMI) 36.0-36.9, adult	Diagnosis	ICD-10-CM
Z68.37	Body mass index (BMI) 37.0-37.9, adult	Diagnosis	ICD-10-CM
Z68.38	Body mass index (BMI) 38.0-38.9, adult	Diagnosis	ICD-10-CM
Z68.39	Body mass index (BMI) 39.0-39.9, adult	Diagnosis	ICD-10-CM
Z68.41	Body mass index (BMI) 40.0-44.9, adult	Diagnosis	ICD-10-CM
Z68.42	Body mass index (BMI) 45.0-49.9, adult	Diagnosis	ICD-10-CM
Z68.43	Body mass index (BMI) 50.0-59.9, adult	Diagnosis	ICD-10-CM
Z68.44	Body mass index (BMI) 60.0-69.9, adult	Diagnosis	ICD-10-CM
Z68.45	Body mass index (BMI) 70 or greater, adult	Diagnosis	ICD-10-CM
43846	Gastric restrictive procedure, with gastric bypass for morbid obesity; with short limb (150 cm or less) Roux-en-Y gastroenterostomy	Procedure	CPT-4
43847	Gastric restrictive procedure, with gastric bypass for morbid obesity; with small intestine reconstruction to limit absorption	Procedure	CPT-4
43842	Gastric restrictive procedure, without gastric bypass, for morbid obesity; vertical-banded gastroplasty	Procedure	CPT-4
43845	Gastric restrictive procedure with partial gastrectomy, pylorus-preserving duodenoileostomy and ileoileostomy (50 to 100 cm common channel) to limit absorption (biliopancreatic diversion with duodenal switch)	Procedure	CPT-4
43843	Gastric restrictive procedure, without gastric bypass, for morbid obesity; other than vertical-banded gastroplasty	Procedure	CPT-4
43770	Laparoscopy, surgical, gastric restrictive procedure; placement of adjustable gastric restrictive device (eg, gastric band and subcutaneous port components)	Procedure	CPT-4
43644	Laparoscopy, surgical, gastric restrictive procedure; with gastric bypass and Roux-en-Y gastroenterostomy (roux limb 150 cm or less)	Procedure	CPT-4
43645	Laparoscopy, surgical, gastric restrictive procedure; with gastric bypass and small intestine reconstruction to limit absorption	Procedure	CPT-4
0F190Z3	Bypass Common Bile Duct to Duodenum, Open Approach	Procedure	ICD-10-PCS
0D19479	Bypass Duodenum to Duodenum with Autologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS



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<b>Code</b>	<b>Description</b>	<b>Code Category</b>	<b>Code Type</b>
0D194K9	Bypass Duodenum to Duodenum with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D19879	Bypass Duodenum to Duodenum with Autologous Tissue Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0D19079	Bypass Duodenum to Duodenum with Autologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0D198Z9	Bypass Duodenum to Duodenum, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0D198K9	Bypass Duodenum to Duodenum with Nonautologous Tissue Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0D190K9	Bypass Duodenum to Duodenum with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0D194Z9	Bypass Duodenum to Duodenum, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D194J9	Bypass Duodenum to Duodenum with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D198J9	Bypass Duodenum to Duodenum with Synthetic Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0D190J9	Bypass Duodenum to Duodenum with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
0D1987B	Bypass Duodenum to Ileum with Autologous Tissue Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0D1907B	Bypass Duodenum to Ileum with Autologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0D1947B	Bypass Duodenum to Ileum with Autologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D198ZB	Bypass Duodenum to Ileum, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0D198KB	Bypass Duodenum to Ileum with Nonautologous Tissue Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0D194KB	Bypass Duodenum to Ileum with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D190KB	Bypass Duodenum to Ileum with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0D194ZB	Bypass Duodenum to Ileum, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D194JB	Bypass Duodenum to Ileum with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D198JB	Bypass Duodenum to Ileum with Synthetic Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0D190JB	Bypass Duodenum to Ileum with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
0D1987A	Bypass Duodenum to Jejunum with Autologous Tissue Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0D1947A	Bypass Duodenum to Jejunum with Autologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D1907A	Bypass Duodenum to Jejunum with Autologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0D198ZA	Bypass Duodenum to Jejunum, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS



**Appendix K. List of International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes and Healthcare Common Procedure Coding System (HCPCS) Codes Used to Define Baseline Characteristics in this Request**

<b>Code</b>	<b>Description</b>	<b>Code Category</b>	<b>Code Type</b>
0D198KA	Bypass Duodenum to Jejunum with Nonautologous Tissue Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0D194KA	Bypass Duodenum to Jejunum with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D190KA	Bypass Duodenum to Jejunum with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0D194ZA	Bypass Duodenum to Jejunum, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D194JA	Bypass Duodenum to Jejunum with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D198JA	Bypass Duodenum to Jejunum with Synthetic Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0D190JA	Bypass Duodenum to Jejunum with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
0D190Z9	Bypass Duodenum to Duodenum, Open Approach	Procedure	ICD-10-PCS
0D190ZB	Bypass Duodenum to Ileum, Open Approach	Procedure	ICD-10-PCS
0D190ZA	Bypass Duodenum to Jejunum, Open Approach	Procedure	ICD-10-PCS
0D1B87B	Bypass Ileum to Ileum with Autologous Tissue Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0D1B47B	Bypass Ileum to Ileum with Autologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D1B07B	Bypass Ileum to Ileum with Autologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0D1B8KB	Bypass Ileum to Ileum with Nonautologous Tissue Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0D1B0KB	Bypass Ileum to Ileum with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0D1B4KB	Bypass Ileum to Ileum with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D1B4ZB	Bypass Ileum to Ileum, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D1B8JB	Bypass Ileum to Ileum with Synthetic Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0D1B4JB	Bypass Ileum to Ileum with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D1B0JB	Bypass Ileum to Ileum with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
0D1B8ZH	Bypass Ileum to Cecum, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0D1B0ZB	Bypass Ileum to Ileum, Open Approach	Procedure	ICD-10-PCS
0D1B8ZB	Bypass Ileum to Ileum, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0D1A87B	Bypass Jejunum to Ileum with Autologous Tissue Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0D1A07B	Bypass Jejunum to Ileum with Autologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0D1A47B	Bypass Jejunum to Ileum with Autologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D1A8KB	Bypass Jejunum to Ileum with Nonautologous Tissue Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0D1A4KB	Bypass Jejunum to Ileum with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS

**Appendix K. List of International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes and Healthcare Common Procedure Coding System (HCPCS) Codes Used to Define Baseline Characteristics in this Request**

<b>Code</b>	<b>Description</b>	<b>Code Category</b>	<b>Code Type</b>
0D1A0KB	Bypass Jejunum to Ileum with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0D1A4ZB	Bypass Jejunum to Ileum, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D1A8JB	Bypass Jejunum to Ileum with Synthetic Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0D1A0JB	Bypass Jejunum to Ileum with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
0D1A4JB	Bypass Jejunum to Ileum with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D1A87A	Bypass Jejunum to Jejunum with Autologous Tissue Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0D1A07A	Bypass Jejunum to Jejunum with Autologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0D1A47A	Bypass Jejunum to Jejunum with Autologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D1A8KA	Bypass Jejunum to Jejunum with Nonautologous Tissue Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0D1A4KA	Bypass Jejunum to Jejunum with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D1A0KA	Bypass Jejunum to Jejunum with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0D1A4ZA	Bypass Jejunum to Jejunum, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D1A8JA	Bypass Jejunum to Jejunum with Synthetic Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0D1A0JA	Bypass Jejunum to Jejunum with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
0D1A4JA	Bypass Jejunum to Jejunum with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D1A8ZB	Bypass Jejunum to Ileum, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0D1A8ZH	Bypass Jejunum to Cecum, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0D1A0ZB	Bypass Jejunum to Ileum, Open Approach	Procedure	ICD-10-PCS
0D1A8ZA	Bypass Jejunum to Jejunum, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0D1A0ZA	Bypass Jejunum to Jejunum, Open Approach	Procedure	ICD-10-PCS
0D168K9	Bypass Stomach to Duodenum with Nonautologous Tissue Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0D16879	Bypass Stomach to Duodenum with Autologous Tissue Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0D168J9	Bypass Stomach to Duodenum with Synthetic Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0D1687B	Bypass Stomach to Ileum with Autologous Tissue Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0D168KB	Bypass Stomach to Ileum with Nonautologous Tissue Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0D164KB	Bypass Stomach to Ileum with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS

**Appendix K. List of International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes and Healthcare Common Procedure Coding System (HCPCS) Codes Used to Define Baseline Characteristics in this Request**

<b>Code</b>	<b>Description</b>	<b>Code Category</b>	<b>Code Type</b>
0D168JB	Bypass Stomach to Ileum with Synthetic Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0D168KA	Bypass Stomach to Jejunum with Nonautologous Tissue Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0D1687A	Bypass Stomach to Jejunum with Autologous Tissue Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0D164KA	Bypass Stomach to Jejunum with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D168JA	Bypass Stomach to Jejunum with Synthetic Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0D160JA	Bypass Stomach to Jejunum with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
0D16479	Bypass Stomach to Duodenum with Autologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D16079	Bypass Stomach to Duodenum with Autologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0D168Z9	Bypass Stomach to Duodenum, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0D164K9	Bypass Stomach to Duodenum with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D160K9	Bypass Stomach to Duodenum with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0D160Z9	Bypass Stomach to Duodenum, Open Approach	Procedure	ICD-10-PCS
0D164Z9	Bypass Stomach to Duodenum, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D160J9	Bypass Stomach to Duodenum with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
0D164J9	Bypass Stomach to Duodenum with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D1647B	Bypass Stomach to Ileum with Autologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D1607B	Bypass Stomach to Ileum with Autologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0D168ZB	Bypass Stomach to Ileum, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0D160KB	Bypass Stomach to Ileum with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0D160ZB	Bypass Stomach to Ileum, Open Approach	Procedure	ICD-10-PCS
0D164ZB	Bypass Stomach to Ileum, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D160JB	Bypass Stomach to Ileum with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
0D164JB	Bypass Stomach to Ileum with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D1647A	Bypass Stomach to Jejunum with Autologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D1607A	Bypass Stomach to Jejunum with Autologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0D168ZA	Bypass Stomach to Jejunum, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0D160KA	Bypass Stomach to Jejunum with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0D160ZA	Bypass Stomach to Jejunum, Open Approach	Procedure	ICD-10-PCS

**Appendix K. List of International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes and Healthcare Common Procedure Coding System (HCPCS) Codes Used to Define Baseline Characteristics in this Request**

<b>Code</b>	<b>Description</b>	<b>Code Category</b>	<b>Code Type</b>
0D164ZA	Bypass Stomach to Jejunum, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D164JA	Bypass Stomach to Jejunum with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D1607L	Bypass Stomach to Transverse Colon with Autologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0D168ZL	Bypass Stomach to Transverse Colon, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0D164JL	Bypass Stomach to Transverse Colon with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D160JL	Bypass Stomach to Transverse Colon with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
0D160ZL	Bypass Stomach to Transverse Colon, Open Approach	Procedure	ICD-10-PCS
0D164ZL	Bypass Stomach to Transverse Colon, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D1687L	Bypass Stomach to Transverse Colon with Autologous Tissue Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0D1647L	Bypass Stomach to Transverse Colon with Autologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D168KL	Bypass Stomach to Transverse Colon with Nonautologous Tissue Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0D164KL	Bypass Stomach to Transverse Colon with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D160KL	Bypass Stomach to Transverse Colon with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0D168JL	Bypass Stomach to Transverse Colon with Synthetic Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0DB60ZZ	Excision of Stomach, Open Approach	Procedure	ICD-10-PCS
0DB90ZZ	Excision of Duodenum, Open Approach	Procedure	ICD-10-PCS
0DB80ZZ	Excision of Small Intestine, Open Approach	Procedure	ICD-10-PCS
0DB60Z3	Excision of Stomach, Open Approach, Vertical	Procedure	ICD-10-PCS
0DB63ZZ	Excision of Stomach, Percutaneous Approach	Procedure	ICD-10-PCS
0DBB0ZZ	Excision of Ileum, Open Approach	Procedure	ICD-10-PCS
0DB63Z3	Excision of Stomach, Percutaneous Approach, Vertical	Procedure	ICD-10-PCS
0DB68Z3	Excision of Stomach, Via Natural or Artificial Opening Endoscopic, Vertical	Procedure	ICD-10-PCS
0DB67Z3	Excision of Stomach, Via Natural or Artificial Opening, Vertical	Procedure	ICD-10-PCS
0DB67ZZ	Excision of Stomach, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0DQ64ZZ	Repair Stomach, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DV64CZ	Restriction of Stomach with Extraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
43645	Laparoscopy, surgical, gastric restrictive procedure; with gastric bypass and small intestine reconstruction to limit absorption	Procedure	ICD-10-PCS
43644	Laparoscopy, surgical, gastric restrictive procedure; with gastric bypass and Roux-en-Y gastroenterostomy (roux limb 150 cm or less)	Procedure	ICD-10-PCS

**Appendix K. List of International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes and Healthcare Common Procedure Coding System (HCPCS) Codes Used to Define Baseline Characteristics in this Request**

<b>Code</b>	<b>Description</b>	<b>Code Category</b>	<b>Code Type</b>
43770	Laparoscopy, surgical, gastric restrictive procedure; placement of adjustable gastric restrictive device (eg, gastric band and subcutaneous port components)	Procedure	ICD-10-PCS
43842	Gastric restrictive procedure, without gastric bypass, for morbid obesity; vertical-banded gastroplasty	Procedure	ICD-10-PCS
43843	Gastric restrictive procedure, without gastric bypass, for morbid obesity; other than vertical-banded gastroplasty	Procedure	ICD-10-PCS
43847	Gastric restrictive procedure, with gastric bypass for morbid obesity; with small intestine reconstruction to limit absorption	Procedure	ICD-10-PCS
43846	Gastric restrictive procedure, with gastric bypass for morbid obesity; with short limb (150 cm or less) Roux-en-Y gastroenterostomy	Procedure	ICD-10-PCS
43845	Gastric restrictive procedure with partial gastrectomy, pylorus-preserving duodenoileostomy and ileoileostomy (50 to 100 cm common channel) to limit absorption (biliopancreatic diversion with duodenal switch)	Procedure	ICD-10-PCS
<b>Osteoporosis</b>			
M81.0	Age-related osteoporosis without current pathological fracture	Diagnosis	ICD-10-CM
M81.6	Localized osteoporosis [Lequesne]	Diagnosis	ICD-10-CM
M81.8	Other osteoporosis without current pathological fracture	Diagnosis	ICD-10-CM
M80.072A	Age-related osteoporosis with current pathological fracture, left ankle and foot, initial encounter for fracture	Diagnosis	ICD-10-CM
M80.032A	Age-related osteoporosis with current pathological fracture, left forearm, initial encounter for fracture	Diagnosis	ICD-10-CM
M80.062A	Age-related osteoporosis with current pathological fracture, left lower leg, initial encounter for fracture	Diagnosis	ICD-10-CM
M80.071A	Age-related osteoporosis with current pathological fracture, right ankle and foot, initial encounter for fracture	Diagnosis	ICD-10-CM
M80.031A	Age-related osteoporosis with current pathological fracture, right forearm, initial encounter for fracture	Diagnosis	ICD-10-CM
M80.061A	Age-related osteoporosis with current pathological fracture, right lower leg, initial encounter for fracture	Diagnosis	ICD-10-CM
M80.079A	Age-related osteoporosis with current pathological fracture, unspecified ankle and foot, initial encounter for fracture	Diagnosis	ICD-10-CM
M80.059A	Age-related osteoporosis with current pathological fracture, unspecified femur, initial encounter for fracture	Diagnosis	ICD-10-CM
M80.039A	Age-related osteoporosis with current pathological fracture, unspecified forearm, initial encounter for fracture	Diagnosis	ICD-10-CM
M80.069A	Age-related osteoporosis with current pathological fracture, unspecified lower leg, initial encounter for fracture	Diagnosis	ICD-10-CM
M80.019A	Age-related osteoporosis with current pathological fracture, unspecified shoulder, initial encounter for fracture	Diagnosis	ICD-10-CM
M80.08XA	Age-related osteoporosis with current pathological fracture, vertebra(e), initial encounter for fracture	Diagnosis	ICD-10-CM
M80.052A	Age-related osteoporosis with current pathological fracture, left femur, initial encounter for fracture	Diagnosis	ICD-10-CM

**Appendix K. List of International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes and Healthcare Common Procedure Coding System (HCPCS) Codes Used to Define Baseline Characteristics in this Request**

<b>Code</b>	<b>Description</b>	<b>Code Category</b>	<b>Code Type</b>
M80.042A	Age-related osteoporosis with current pathological fracture, left hand, initial encounter for fracture	Diagnosis	ICD-10-CM
M80.022A	Age-related osteoporosis with current pathological fracture, left humerus, initial encounter for fracture	Diagnosis	ICD-10-CM
M80.012A	Age-related osteoporosis with current pathological fracture, left shoulder, initial encounter for fracture	Diagnosis	ICD-10-CM
M80.051A	Age-related osteoporosis with current pathological fracture, right femur, initial encounter for fracture	Diagnosis	ICD-10-CM
M80.041A	Age-related osteoporosis with current pathological fracture, right hand, initial encounter for fracture	Diagnosis	ICD-10-CM
M80.021A	Age-related osteoporosis with current pathological fracture, right humerus, initial encounter for fracture	Diagnosis	ICD-10-CM
M80.011A	Age-related osteoporosis with current pathological fracture, right shoulder, initial encounter for fracture	Diagnosis	ICD-10-CM
M80.049A	Age-related osteoporosis with current pathological fracture, unspecified hand, initial encounter for fracture	Diagnosis	ICD-10-CM
M80.029A	Age-related osteoporosis with current pathological fracture, unspecified humerus, initial encounter for fracture	Diagnosis	ICD-10-CM
M80.0AXA	Age-related osteoporosis with current pathological fracture, other site, initial encounter for fracture	Diagnosis	ICD-10-CM
M80.00XA	Age-related osteoporosis with current pathological fracture, unspecified site, initial encounter for fracture	Diagnosis	ICD-10-CM
M80.872A	Other osteoporosis with current pathological fracture, left ankle and foot, initial encounter for fracture	Diagnosis	ICD-10-CM
M80.852A	Other osteoporosis with current pathological fracture, left femur, initial encounter for fracture	Diagnosis	ICD-10-CM
M80.832A	Other osteoporosis with current pathological fracture, left forearm, initial encounter for fracture	Diagnosis	ICD-10-CM
M80.842A	Other osteoporosis with current pathological fracture, left hand, initial encounter for fracture	Diagnosis	ICD-10-CM
M80.822A	Other osteoporosis with current pathological fracture, left humerus, initial encounter for fracture	Diagnosis	ICD-10-CM
M80.862A	Other osteoporosis with current pathological fracture, left lower leg, initial encounter for fracture	Diagnosis	ICD-10-CM
M80.812A	Other osteoporosis with current pathological fracture, left shoulder, initial encounter for fracture	Diagnosis	ICD-10-CM
M80.871A	Other osteoporosis with current pathological fracture, right ankle and foot, initial encounter for fracture	Diagnosis	ICD-10-CM
M80.851A	Other osteoporosis with current pathological fracture, right femur, initial encounter for fracture	Diagnosis	ICD-10-CM
M80.831A	Other osteoporosis with current pathological fracture, right forearm, initial encounter for fracture	Diagnosis	ICD-10-CM
M80.841A	Other osteoporosis with current pathological fracture, right hand, initial encounter for fracture	Diagnosis	ICD-10-CM



**Appendix K. List of International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes and Healthcare Common Procedure Coding System (HCPCS) Codes Used to Define Baseline Characteristics in this Request**

<b>Code</b>	<b>Description</b>	<b>Code Category</b>	<b>Code Type</b>
M80.821A	Other osteoporosis with current pathological fracture, right humerus, initial encounter for fracture	Diagnosis	ICD-10-CM
M80.861A	Other osteoporosis with current pathological fracture, right lower leg, initial encounter for fracture	Diagnosis	ICD-10-CM
M80.811A	Other osteoporosis with current pathological fracture, right shoulder, initial encounter for fracture	Diagnosis	ICD-10-CM
M80.879A	Other osteoporosis with current pathological fracture, unspecified ankle and foot, initial encounter for fracture	Diagnosis	ICD-10-CM
M80.859A	Other osteoporosis with current pathological fracture, unspecified femur, initial encounter for fracture	Diagnosis	ICD-10-CM
M80.839A	Other osteoporosis with current pathological fracture, unspecified forearm, initial encounter for fracture	Diagnosis	ICD-10-CM
M80.849A	Other osteoporosis with current pathological fracture, unspecified hand, initial encounter for fracture	Diagnosis	ICD-10-CM
M80.829A	Other osteoporosis with current pathological fracture, unspecified humerus, initial encounter for fracture	Diagnosis	ICD-10-CM
M80.869A	Other osteoporosis with current pathological fracture, unspecified lower leg, initial encounter for fracture	Diagnosis	ICD-10-CM
M80.819A	Other osteoporosis with current pathological fracture, unspecified shoulder, initial encounter for fracture	Diagnosis	ICD-10-CM
M80.80XA	Other osteoporosis with current pathological fracture, unspecified site, initial encounter for fracture	Diagnosis	ICD-10-CM
M80.88XA	Other osteoporosis with current pathological fracture, vertebra(e), initial encounter for fracture	Diagnosis	ICD-10-CM
M80.8AXA	Other osteoporosis with current pathological fracture, other site, initial encounter for fracture	Diagnosis	ICD-10-CM
<b>Pancolitis</b>			
K51.0	Ulcerative (chronic) pancolitis	Diagnosis	ICD-10-CM
K51.00	Ulcerative (chronic) pancolitis without complications	Diagnosis	ICD-10-CM
K51.01	Ulcerative (chronic) pancolitis with complications	Diagnosis	ICD-10-CM
K51.011	Ulcerative (chronic) pancolitis with rectal bleeding	Diagnosis	ICD-10-CM
K51.012	Ulcerative (chronic) pancolitis with intestinal obstruction	Diagnosis	ICD-10-CM
K51.013	Ulcerative (chronic) pancolitis with fistula	Diagnosis	ICD-10-CM
K51.014	Ulcerative (chronic) pancolitis with abscess	Diagnosis	ICD-10-CM
K51.018	Ulcerative (chronic) pancolitis with other complication	Diagnosis	ICD-10-CM
K51.019	Ulcerative (chronic) pancolitis with unspecified complications	Diagnosis	ICD-10-CM
<b>Rheumatoid Arthritis/Osteoarthritis</b>			
M05.80	Other rheumatoid arthritis with rheumatoid factor of unspecified site	Diagnosis	ICD-10-CM
M08.80	Other juvenile arthritis, unspecified site	Diagnosis	ICD-10-CM
M15.0	Primary generalized (osteo)arthritis	Diagnosis	ICD-10-CM
M05.00	Felty's syndrome, unspecified site	Diagnosis	ICD-10-CM
M05.011	Felty's syndrome, right shoulder	Diagnosis	ICD-10-CM
M05.012	Felty's syndrome, left shoulder	Diagnosis	ICD-10-CM
M05.019	Felty's syndrome, unspecified shoulder	Diagnosis	ICD-10-CM



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<b>Code</b>	<b>Description</b>	<b>Code Category</b>	<b>Code Type</b>
M05.021	Felty's syndrome, right elbow	Diagnosis	ICD-10-CM
M05.022	Felty's syndrome, left elbow	Diagnosis	ICD-10-CM
M05.029	Felty's syndrome, unspecified elbow	Diagnosis	ICD-10-CM
M05.031	Felty's syndrome, right wrist	Diagnosis	ICD-10-CM
M05.032	Felty's syndrome, left wrist	Diagnosis	ICD-10-CM
M05.039	Felty's syndrome, unspecified wrist	Diagnosis	ICD-10-CM
M05.041	Felty's syndrome, right hand	Diagnosis	ICD-10-CM
M05.042	Felty's syndrome, left hand	Diagnosis	ICD-10-CM
M05.049	Felty's syndrome, unspecified hand	Diagnosis	ICD-10-CM
M05.051	Felty's syndrome, right hip	Diagnosis	ICD-10-CM
M05.052	Felty's syndrome, left hip	Diagnosis	ICD-10-CM
M05.059	Felty's syndrome, unspecified hip	Diagnosis	ICD-10-CM
M05.061	Felty's syndrome, right knee	Diagnosis	ICD-10-CM
M05.062	Felty's syndrome, left knee	Diagnosis	ICD-10-CM
M05.069	Felty's syndrome, unspecified knee	Diagnosis	ICD-10-CM
M05.071	Felty's syndrome, right ankle and foot	Diagnosis	ICD-10-CM
M05.072	Felty's syndrome, left ankle and foot	Diagnosis	ICD-10-CM
M05.079	Felty's syndrome, unspecified ankle and foot	Diagnosis	ICD-10-CM
M05.09	Felty's syndrome, multiple sites	Diagnosis	ICD-10-CM
M05.20	Rheumatoid vasculitis with rheumatoid arthritis of unspecified site	Diagnosis	ICD-10-CM
M05.211	Rheumatoid vasculitis with rheumatoid arthritis of right shoulder	Diagnosis	ICD-10-CM
M05.212	Rheumatoid vasculitis with rheumatoid arthritis of left shoulder	Diagnosis	ICD-10-CM
M05.219	Rheumatoid vasculitis with rheumatoid arthritis of unspecified shoulder	Diagnosis	ICD-10-CM
M05.221	Rheumatoid vasculitis with rheumatoid arthritis of right elbow	Diagnosis	ICD-10-CM
M05.222	Rheumatoid vasculitis with rheumatoid arthritis of left elbow	Diagnosis	ICD-10-CM
M05.229	Rheumatoid vasculitis with rheumatoid arthritis of unspecified elbow	Diagnosis	ICD-10-CM
M05.231	Rheumatoid vasculitis with rheumatoid arthritis of right wrist	Diagnosis	ICD-10-CM
M05.232	Rheumatoid vasculitis with rheumatoid arthritis of left wrist	Diagnosis	ICD-10-CM
M05.239	Rheumatoid vasculitis with rheumatoid arthritis of unspecified wrist	Diagnosis	ICD-10-CM
M05.241	Rheumatoid vasculitis with rheumatoid arthritis of right hand	Diagnosis	ICD-10-CM
M05.242	Rheumatoid vasculitis with rheumatoid arthritis of left hand	Diagnosis	ICD-10-CM
M05.249	Rheumatoid vasculitis with rheumatoid arthritis of unspecified hand	Diagnosis	ICD-10-CM
M05.251	Rheumatoid vasculitis with rheumatoid arthritis of right hip	Diagnosis	ICD-10-CM
M05.252	Rheumatoid vasculitis with rheumatoid arthritis of left hip	Diagnosis	ICD-10-CM
M05.259	Rheumatoid vasculitis with rheumatoid arthritis of unspecified hip	Diagnosis	ICD-10-CM
M05.261	Rheumatoid vasculitis with rheumatoid arthritis of right knee	Diagnosis	ICD-10-CM
M05.262	Rheumatoid vasculitis with rheumatoid arthritis of left knee	Diagnosis	ICD-10-CM
M05.269	Rheumatoid vasculitis with rheumatoid arthritis of unspecified knee	Diagnosis	ICD-10-CM
M05.271	Rheumatoid vasculitis with rheumatoid arthritis of right ankle and foot	Diagnosis	ICD-10-CM
M05.272	Rheumatoid vasculitis with rheumatoid arthritis of left ankle and foot	Diagnosis	ICD-10-CM
M05.279	Rheumatoid vasculitis with rheumatoid arthritis of unspecified ankle and foot	Diagnosis	ICD-10-CM
M05.29	Rheumatoid vasculitis with rheumatoid arthritis of multiple sites	Diagnosis	ICD-10-CM
M05.30	Rheumatoid heart disease with rheumatoid arthritis of unspecified site	Diagnosis	ICD-10-CM
M05.311	Rheumatoid heart disease with rheumatoid arthritis of right shoulder	Diagnosis	ICD-10-CM

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<b>Code</b>	<b>Description</b>	<b>Code Category</b>	<b>Code Type</b>
M05.312	Rheumatoid heart disease with rheumatoid arthritis of left shoulder	Diagnosis	ICD-10-CM
M05.319	Rheumatoid heart disease with rheumatoid arthritis of unspecified shoulder	Diagnosis	ICD-10-CM
M05.321	Rheumatoid heart disease with rheumatoid arthritis of right elbow	Diagnosis	ICD-10-CM
M05.322	Rheumatoid heart disease with rheumatoid arthritis of left elbow	Diagnosis	ICD-10-CM
M05.329	Rheumatoid heart disease with rheumatoid arthritis of unspecified elbow	Diagnosis	ICD-10-CM
M05.331	Rheumatoid heart disease with rheumatoid arthritis of right wrist	Diagnosis	ICD-10-CM
M05.332	Rheumatoid heart disease with rheumatoid arthritis of left wrist	Diagnosis	ICD-10-CM
M05.339	Rheumatoid heart disease with rheumatoid arthritis of unspecified wrist	Diagnosis	ICD-10-CM
M05.341	Rheumatoid heart disease with rheumatoid arthritis of right hand	Diagnosis	ICD-10-CM
M05.342	Rheumatoid heart disease with rheumatoid arthritis of left hand	Diagnosis	ICD-10-CM
M05.349	Rheumatoid heart disease with rheumatoid arthritis of unspecified hand	Diagnosis	ICD-10-CM
M05.351	Rheumatoid heart disease with rheumatoid arthritis of right hip	Diagnosis	ICD-10-CM
M05.352	Rheumatoid heart disease with rheumatoid arthritis of left hip	Diagnosis	ICD-10-CM
M05.359	Rheumatoid heart disease with rheumatoid arthritis of unspecified hip	Diagnosis	ICD-10-CM
M05.361	Rheumatoid heart disease with rheumatoid arthritis of right knee	Diagnosis	ICD-10-CM
M05.362	Rheumatoid heart disease with rheumatoid arthritis of left knee	Diagnosis	ICD-10-CM
M05.369	Rheumatoid heart disease with rheumatoid arthritis of unspecified knee	Diagnosis	ICD-10-CM
M05.371	Rheumatoid heart disease with rheumatoid arthritis of right ankle and foot	Diagnosis	ICD-10-CM
M05.372	Rheumatoid heart disease with rheumatoid arthritis of left ankle and foot	Diagnosis	ICD-10-CM
M05.379	Rheumatoid heart disease with rheumatoid arthritis of unspecified ankle and foot	Diagnosis	ICD-10-CM
M05.39	Rheumatoid heart disease with rheumatoid arthritis of multiple sites	Diagnosis	ICD-10-CM
M05.40	Rheumatoid myopathy with rheumatoid arthritis of unspecified site	Diagnosis	ICD-10-CM
M05.411	Rheumatoid myopathy with rheumatoid arthritis of right shoulder	Diagnosis	ICD-10-CM
M05.412	Rheumatoid myopathy with rheumatoid arthritis of left shoulder	Diagnosis	ICD-10-CM
M05.419	Rheumatoid myopathy with rheumatoid arthritis of unspecified shoulder	Diagnosis	ICD-10-CM
M05.421	Rheumatoid myopathy with rheumatoid arthritis of right elbow	Diagnosis	ICD-10-CM
M05.422	Rheumatoid myopathy with rheumatoid arthritis of left elbow	Diagnosis	ICD-10-CM
M05.429	Rheumatoid myopathy with rheumatoid arthritis of unspecified elbow	Diagnosis	ICD-10-CM
M05.431	Rheumatoid myopathy with rheumatoid arthritis of right wrist	Diagnosis	ICD-10-CM
M05.432	Rheumatoid myopathy with rheumatoid arthritis of left wrist	Diagnosis	ICD-10-CM
M05.439	Rheumatoid myopathy with rheumatoid arthritis of unspecified wrist	Diagnosis	ICD-10-CM
M05.441	Rheumatoid myopathy with rheumatoid arthritis of right hand	Diagnosis	ICD-10-CM
M05.442	Rheumatoid myopathy with rheumatoid arthritis of left hand	Diagnosis	ICD-10-CM
M05.449	Rheumatoid myopathy with rheumatoid arthritis of unspecified hand	Diagnosis	ICD-10-CM
M05.451	Rheumatoid myopathy with rheumatoid arthritis of right hip	Diagnosis	ICD-10-CM
M05.452	Rheumatoid myopathy with rheumatoid arthritis of left hip	Diagnosis	ICD-10-CM
M05.459	Rheumatoid myopathy with rheumatoid arthritis of unspecified hip	Diagnosis	ICD-10-CM
M05.461	Rheumatoid myopathy with rheumatoid arthritis of right knee	Diagnosis	ICD-10-CM
M05.462	Rheumatoid myopathy with rheumatoid arthritis of left knee	Diagnosis	ICD-10-CM
M05.469	Rheumatoid myopathy with rheumatoid arthritis of unspecified knee	Diagnosis	ICD-10-CM
M05.471	Rheumatoid myopathy with rheumatoid arthritis of right ankle and foot	Diagnosis	ICD-10-CM
M05.472	Rheumatoid myopathy with rheumatoid arthritis of left ankle and foot	Diagnosis	ICD-10-CM

**Appendix K. List of International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes and Healthcare Common Procedure Coding System (HCPCS) Codes Used to Define Baseline Characteristics in this Request**

<b>Code</b>	<b>Description</b>	<b>Code Category</b>	<b>Code Type</b>
M05.479	Rheumatoid myopathy with rheumatoid arthritis of unspecified ankle and foot	Diagnosis	ICD-10-CM
M05.49	Rheumatoid myopathy with rheumatoid arthritis of multiple sites	Diagnosis	ICD-10-CM
M05.50	Rheumatoid polyneuropathy with rheumatoid arthritis of unspecified site	Diagnosis	ICD-10-CM
M05.511	Rheumatoid polyneuropathy with rheumatoid arthritis of right shoulder	Diagnosis	ICD-10-CM
M05.512	Rheumatoid polyneuropathy with rheumatoid arthritis of left shoulder	Diagnosis	ICD-10-CM
M05.519	Rheumatoid polyneuropathy with rheumatoid arthritis of unspecified shoulder	Diagnosis	ICD-10-CM
M05.521	Rheumatoid polyneuropathy with rheumatoid arthritis of right elbow	Diagnosis	ICD-10-CM
M05.522	Rheumatoid polyneuropathy with rheumatoid arthritis of left elbow	Diagnosis	ICD-10-CM
M05.529	Rheumatoid polyneuropathy with rheumatoid arthritis of unspecified elbow	Diagnosis	ICD-10-CM
M05.531	Rheumatoid polyneuropathy with rheumatoid arthritis of right wrist	Diagnosis	ICD-10-CM
M05.532	Rheumatoid polyneuropathy with rheumatoid arthritis of left wrist	Diagnosis	ICD-10-CM
M05.539	Rheumatoid polyneuropathy with rheumatoid arthritis of unspecified wrist	Diagnosis	ICD-10-CM
M05.541	Rheumatoid polyneuropathy with rheumatoid arthritis of right hand	Diagnosis	ICD-10-CM
M05.542	Rheumatoid polyneuropathy with rheumatoid arthritis of left hand	Diagnosis	ICD-10-CM
M05.549	Rheumatoid polyneuropathy with rheumatoid arthritis of unspecified hand	Diagnosis	ICD-10-CM
M05.551	Rheumatoid polyneuropathy with rheumatoid arthritis of right hip	Diagnosis	ICD-10-CM
M05.552	Rheumatoid polyneuropathy with rheumatoid arthritis of left hip	Diagnosis	ICD-10-CM
M05.559	Rheumatoid polyneuropathy with rheumatoid arthritis of unspecified hip	Diagnosis	ICD-10-CM
M05.561	Rheumatoid polyneuropathy with rheumatoid arthritis of right knee	Diagnosis	ICD-10-CM
M05.562	Rheumatoid polyneuropathy with rheumatoid arthritis of left knee	Diagnosis	ICD-10-CM
M05.569	Rheumatoid polyneuropathy with rheumatoid arthritis of unspecified knee	Diagnosis	ICD-10-CM
M05.571	Rheumatoid polyneuropathy with rheumatoid arthritis of right ankle and foot	Diagnosis	ICD-10-CM
M05.572	Rheumatoid polyneuropathy with rheumatoid arthritis of left ankle and foot	Diagnosis	ICD-10-CM
M05.579	Rheumatoid polyneuropathy with rheumatoid arthritis of unspecified ankle and foot	Diagnosis	ICD-10-CM
M05.59	Rheumatoid polyneuropathy with rheumatoid arthritis of multiple sites	Diagnosis	ICD-10-CM
M05.60	Rheumatoid arthritis of unspecified site with involvement of other organs and systems	Diagnosis	ICD-10-CM
M05.611	Rheumatoid arthritis of right shoulder with involvement of other organs and systems	Diagnosis	ICD-10-CM
M05.612	Rheumatoid arthritis of left shoulder with involvement of other organs and systems	Diagnosis	ICD-10-CM
M05.619	Rheumatoid arthritis of unspecified shoulder with involvement of other organs and systems	Diagnosis	ICD-10-CM
M05.621	Rheumatoid arthritis of right elbow with involvement of other organs and systems	Diagnosis	ICD-10-CM
M05.622	Rheumatoid arthritis of left elbow with involvement of other organs and systems	Diagnosis	ICD-10-CM
M05.629	Rheumatoid arthritis of unspecified elbow with involvement of other organs and systems	Diagnosis	ICD-10-CM
M05.631	Rheumatoid arthritis of right wrist with involvement of other organs and systems	Diagnosis	ICD-10-CM

**Appendix K. List of International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes and Healthcare Common Procedure Coding System (HCPCS) Codes Used to Define Baseline Characteristics in this Request**

<b>Code</b>	<b>Description</b>	<b>Code Category</b>	<b>Code Type</b>
M05.632	Rheumatoid arthritis of left wrist with involvement of other organs and systems	Diagnosis	ICD-10-CM
M05.639	Rheumatoid arthritis of unspecified wrist with involvement of other organs and systems	Diagnosis	ICD-10-CM
M05.641	Rheumatoid arthritis of right hand with involvement of other organs and systems	Diagnosis	ICD-10-CM
M05.642	Rheumatoid arthritis of left hand with involvement of other organs and systems	Diagnosis	ICD-10-CM
M05.649	Rheumatoid arthritis of unspecified hand with involvement of other organs and systems	Diagnosis	ICD-10-CM
M05.651	Rheumatoid arthritis of right hip with involvement of other organs and systems	Diagnosis	ICD-10-CM
M05.652	Rheumatoid arthritis of left hip with involvement of other organs and systems	Diagnosis	ICD-10-CM
M05.659	Rheumatoid arthritis of unspecified hip with involvement of other organs and systems	Diagnosis	ICD-10-CM
M05.661	Rheumatoid arthritis of right knee with involvement of other organs and systems	Diagnosis	ICD-10-CM
M05.662	Rheumatoid arthritis of left knee with involvement of other organs and systems	Diagnosis	ICD-10-CM
M05.669	Rheumatoid arthritis of unspecified knee with involvement of other organs and systems	Diagnosis	ICD-10-CM
M05.671	Rheumatoid arthritis of right ankle and foot with involvement of other organs and systems	Diagnosis	ICD-10-CM
M05.672	Rheumatoid arthritis of left ankle and foot with involvement of other organs and systems	Diagnosis	ICD-10-CM
M05.679	Rheumatoid arthritis of unspecified ankle and foot with involvement of other organs and systems	Diagnosis	ICD-10-CM
M05.69	Rheumatoid arthritis of multiple sites with involvement of other organs and systems	Diagnosis	ICD-10-CM
M05.70	Rheumatoid arthritis with rheumatoid factor of unspecified site without organ or systems involvement	Diagnosis	ICD-10-CM
M05.711	Rheumatoid arthritis with rheumatoid factor of right shoulder without organ or systems involvement	Diagnosis	ICD-10-CM
M05.712	Rheumatoid arthritis with rheumatoid factor of left shoulder without organ or systems involvement	Diagnosis	ICD-10-CM
M05.719	Rheumatoid arthritis with rheumatoid factor of unspecified shoulder without organ or systems involvement	Diagnosis	ICD-10-CM
M05.721	Rheumatoid arthritis with rheumatoid factor of right elbow without organ or systems involvement	Diagnosis	ICD-10-CM
M05.722	Rheumatoid arthritis with rheumatoid factor of left elbow without organ or systems involvement	Diagnosis	ICD-10-CM
M05.729	Rheumatoid arthritis with rheumatoid factor of unspecified elbow without organ or systems involvement	Diagnosis	ICD-10-CM

**Appendix K. List of International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes and Healthcare Common Procedure Coding System (HCPCS) Codes Used to Define Baseline Characteristics in this Request**

<b>Code</b>	<b>Description</b>	<b>Code Category</b>	<b>Code Type</b>
M05.731	Rheumatoid arthritis with rheumatoid factor of right wrist without organ or systems involvement	Diagnosis	ICD-10-CM
M05.732	Rheumatoid arthritis with rheumatoid factor of left wrist without organ or systems involvement	Diagnosis	ICD-10-CM
M05.739	Rheumatoid arthritis with rheumatoid factor of unspecified wrist without organ or systems involvement	Diagnosis	ICD-10-CM
M05.741	Rheumatoid arthritis with rheumatoid factor of right hand without organ or systems involvement	Diagnosis	ICD-10-CM
M05.742	Rheumatoid arthritis with rheumatoid factor of left hand without organ or systems involvement	Diagnosis	ICD-10-CM
M05.749	Rheumatoid arthritis with rheumatoid factor of unspecified hand without organ or systems involvement	Diagnosis	ICD-10-CM
M05.751	Rheumatoid arthritis with rheumatoid factor of right hip without organ or systems involvement	Diagnosis	ICD-10-CM
M05.752	Rheumatoid arthritis with rheumatoid factor of left hip without organ or systems involvement	Diagnosis	ICD-10-CM
M05.759	Rheumatoid arthritis with rheumatoid factor of unspecified hip without organ or systems involvement	Diagnosis	ICD-10-CM
M05.761	Rheumatoid arthritis with rheumatoid factor of right knee without organ or systems involvement	Diagnosis	ICD-10-CM
M05.762	Rheumatoid arthritis with rheumatoid factor of left knee without organ or systems involvement	Diagnosis	ICD-10-CM
M05.769	Rheumatoid arthritis with rheumatoid factor of unspecified knee without organ or systems involvement	Diagnosis	ICD-10-CM
M05.771	Rheumatoid arthritis with rheumatoid factor of right ankle and foot without organ or systems involvement	Diagnosis	ICD-10-CM
M05.772	Rheumatoid arthritis with rheumatoid factor of left ankle and foot without organ or systems involvement	Diagnosis	ICD-10-CM
M05.779	Rheumatoid arthritis with rheumatoid factor of unspecified ankle and foot without organ or systems involvement	Diagnosis	ICD-10-CM
M05.79	Rheumatoid arthritis with rheumatoid factor of multiple sites without organ or systems involvement	Diagnosis	ICD-10-CM
M05.811	Other rheumatoid arthritis with rheumatoid factor of right shoulder	Diagnosis	ICD-10-CM
M05.812	Other rheumatoid arthritis with rheumatoid factor of left shoulder	Diagnosis	ICD-10-CM
M05.819	Other rheumatoid arthritis with rheumatoid factor of unspecified shoulder	Diagnosis	ICD-10-CM
M05.821	Other rheumatoid arthritis with rheumatoid factor of right elbow	Diagnosis	ICD-10-CM
M05.822	Other rheumatoid arthritis with rheumatoid factor of left elbow	Diagnosis	ICD-10-CM
M05.829	Other rheumatoid arthritis with rheumatoid factor of unspecified elbow	Diagnosis	ICD-10-CM
M05.831	Other rheumatoid arthritis with rheumatoid factor of right wrist	Diagnosis	ICD-10-CM
M05.832	Other rheumatoid arthritis with rheumatoid factor of left wrist	Diagnosis	ICD-10-CM
M05.839	Other rheumatoid arthritis with rheumatoid factor of unspecified wrist	Diagnosis	ICD-10-CM
M05.841	Other rheumatoid arthritis with rheumatoid factor of right hand	Diagnosis	ICD-10-CM
M05.842	Other rheumatoid arthritis with rheumatoid factor of left hand	Diagnosis	ICD-10-CM
M05.849	Other rheumatoid arthritis with rheumatoid factor of unspecified hand	Diagnosis	ICD-10-CM

**Appendix K. List of International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes and Healthcare Common Procedure Coding System (HCPCS) Codes Used to Define Baseline Characteristics in this Request**

<b>Code</b>	<b>Description</b>	<b>Code Category</b>	<b>Code Type</b>
M05.851	Other rheumatoid arthritis with rheumatoid factor of right hip	Diagnosis	ICD-10-CM
M05.852	Other rheumatoid arthritis with rheumatoid factor of left hip	Diagnosis	ICD-10-CM
M05.859	Other rheumatoid arthritis with rheumatoid factor of unspecified hip	Diagnosis	ICD-10-CM
M05.861	Other rheumatoid arthritis with rheumatoid factor of right knee	Diagnosis	ICD-10-CM
M05.862	Other rheumatoid arthritis with rheumatoid factor of left knee	Diagnosis	ICD-10-CM
M05.869	Other rheumatoid arthritis with rheumatoid factor of unspecified knee	Diagnosis	ICD-10-CM
M05.871	Other rheumatoid arthritis with rheumatoid factor of right ankle and foot	Diagnosis	ICD-10-CM
M05.872	Other rheumatoid arthritis with rheumatoid factor of left ankle and foot	Diagnosis	ICD-10-CM
M05.879	Other rheumatoid arthritis with rheumatoid factor of unspecified ankle and foot	Diagnosis	ICD-10-CM
M05.89	Other rheumatoid arthritis with rheumatoid factor of multiple sites	Diagnosis	ICD-10-CM
M05.9	Rheumatoid arthritis with rheumatoid factor, unspecified	Diagnosis	ICD-10-CM
M06.00	Rheumatoid arthritis without rheumatoid factor, unspecified site	Diagnosis	ICD-10-CM
M06.011	Rheumatoid arthritis without rheumatoid factor, right shoulder	Diagnosis	ICD-10-CM
M06.012	Rheumatoid arthritis without rheumatoid factor, left shoulder	Diagnosis	ICD-10-CM
M06.019	Rheumatoid arthritis without rheumatoid factor, unspecified shoulder	Diagnosis	ICD-10-CM
M06.021	Rheumatoid arthritis without rheumatoid factor, right elbow	Diagnosis	ICD-10-CM
M06.022	Rheumatoid arthritis without rheumatoid factor, left elbow	Diagnosis	ICD-10-CM
M06.029	Rheumatoid arthritis without rheumatoid factor, unspecified elbow	Diagnosis	ICD-10-CM
M06.031	Rheumatoid arthritis without rheumatoid factor, right wrist	Diagnosis	ICD-10-CM
M06.032	Rheumatoid arthritis without rheumatoid factor, left wrist	Diagnosis	ICD-10-CM
M06.039	Rheumatoid arthritis without rheumatoid factor, unspecified wrist	Diagnosis	ICD-10-CM
M06.041	Rheumatoid arthritis without rheumatoid factor, right hand	Diagnosis	ICD-10-CM
M06.042	Rheumatoid arthritis without rheumatoid factor, left hand	Diagnosis	ICD-10-CM
M06.049	Rheumatoid arthritis without rheumatoid factor, unspecified hand	Diagnosis	ICD-10-CM
M06.051	Rheumatoid arthritis without rheumatoid factor, right hip	Diagnosis	ICD-10-CM
M06.052	Rheumatoid arthritis without rheumatoid factor, left hip	Diagnosis	ICD-10-CM
M06.059	Rheumatoid arthritis without rheumatoid factor, unspecified hip	Diagnosis	ICD-10-CM
M06.061	Rheumatoid arthritis without rheumatoid factor, right knee	Diagnosis	ICD-10-CM
M06.062	Rheumatoid arthritis without rheumatoid factor, left knee	Diagnosis	ICD-10-CM
M06.069	Rheumatoid arthritis without rheumatoid factor, unspecified knee	Diagnosis	ICD-10-CM
M06.071	Rheumatoid arthritis without rheumatoid factor, right ankle and foot	Diagnosis	ICD-10-CM
M06.072	Rheumatoid arthritis without rheumatoid factor, left ankle and foot	Diagnosis	ICD-10-CM
M06.079	Rheumatoid arthritis without rheumatoid factor, unspecified ankle and foot	Diagnosis	ICD-10-CM
M06.08	Rheumatoid arthritis without rheumatoid factor, vertebrae	Diagnosis	ICD-10-CM
M06.09	Rheumatoid arthritis without rheumatoid factor, multiple sites	Diagnosis	ICD-10-CM
M06.1	Adult-onset Still's disease	Diagnosis	ICD-10-CM
M06.20	Rheumatoid bursitis, unspecified site	Diagnosis	ICD-10-CM
M06.211	Rheumatoid bursitis, right shoulder	Diagnosis	ICD-10-CM
M06.212	Rheumatoid bursitis, left shoulder	Diagnosis	ICD-10-CM
M06.219	Rheumatoid bursitis, unspecified shoulder	Diagnosis	ICD-10-CM
M06.221	Rheumatoid bursitis, right elbow	Diagnosis	ICD-10-CM
M06.222	Rheumatoid bursitis, left elbow	Diagnosis	ICD-10-CM
M06.229	Rheumatoid bursitis, unspecified elbow	Diagnosis	ICD-10-CM



**Appendix K. List of International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes and Healthcare Common Procedure Coding System (HCPCS) Codes Used to Define Baseline Characteristics in this Request**

<b>Code</b>	<b>Description</b>	<b>Code Category</b>	<b>Code Type</b>
M06.231	Rheumatoid bursitis, right wrist	Diagnosis	ICD-10-CM
M06.232	Rheumatoid bursitis, left wrist	Diagnosis	ICD-10-CM
M06.239	Rheumatoid bursitis, unspecified wrist	Diagnosis	ICD-10-CM
M06.241	Rheumatoid bursitis, right hand	Diagnosis	ICD-10-CM
M06.242	Rheumatoid bursitis, left hand	Diagnosis	ICD-10-CM
M06.249	Rheumatoid bursitis, unspecified hand	Diagnosis	ICD-10-CM
M06.251	Rheumatoid bursitis, right hip	Diagnosis	ICD-10-CM
M06.252	Rheumatoid bursitis, left hip	Diagnosis	ICD-10-CM
M06.259	Rheumatoid bursitis, unspecified hip	Diagnosis	ICD-10-CM
M06.261	Rheumatoid bursitis, right knee	Diagnosis	ICD-10-CM
M06.262	Rheumatoid bursitis, left knee	Diagnosis	ICD-10-CM
M06.269	Rheumatoid bursitis, unspecified knee	Diagnosis	ICD-10-CM
M06.271	Rheumatoid bursitis, right ankle and foot	Diagnosis	ICD-10-CM
M06.272	Rheumatoid bursitis, left ankle and foot	Diagnosis	ICD-10-CM
M06.279	Rheumatoid bursitis, unspecified ankle and foot	Diagnosis	ICD-10-CM
M06.28	Rheumatoid bursitis, vertebrae	Diagnosis	ICD-10-CM
M06.29	Rheumatoid bursitis, multiple sites	Diagnosis	ICD-10-CM
M06.30	Rheumatoid nodule, unspecified site	Diagnosis	ICD-10-CM
M06.311	Rheumatoid nodule, right shoulder	Diagnosis	ICD-10-CM
M06.312	Rheumatoid nodule, left shoulder	Diagnosis	ICD-10-CM
M06.319	Rheumatoid nodule, unspecified shoulder	Diagnosis	ICD-10-CM
M06.321	Rheumatoid nodule, right elbow	Diagnosis	ICD-10-CM
M06.322	Rheumatoid nodule, left elbow	Diagnosis	ICD-10-CM
M06.329	Rheumatoid nodule, unspecified elbow	Diagnosis	ICD-10-CM
M06.331	Rheumatoid nodule, right wrist	Diagnosis	ICD-10-CM
M06.332	Rheumatoid nodule, left wrist	Diagnosis	ICD-10-CM
M06.339	Rheumatoid nodule, unspecified wrist	Diagnosis	ICD-10-CM
M06.341	Rheumatoid nodule, right hand	Diagnosis	ICD-10-CM
M06.342	Rheumatoid nodule, left hand	Diagnosis	ICD-10-CM
M06.349	Rheumatoid nodule, unspecified hand	Diagnosis	ICD-10-CM
M06.351	Rheumatoid nodule, right hip	Diagnosis	ICD-10-CM
M06.352	Rheumatoid nodule, left hip	Diagnosis	ICD-10-CM
M06.359	Rheumatoid nodule, unspecified hip	Diagnosis	ICD-10-CM
M06.361	Rheumatoid nodule, right knee	Diagnosis	ICD-10-CM
M06.362	Rheumatoid nodule, left knee	Diagnosis	ICD-10-CM
M06.369	Rheumatoid nodule, unspecified knee	Diagnosis	ICD-10-CM
M06.371	Rheumatoid nodule, right ankle and foot	Diagnosis	ICD-10-CM
M06.372	Rheumatoid nodule, left ankle and foot	Diagnosis	ICD-10-CM
M06.379	Rheumatoid nodule, unspecified ankle and foot	Diagnosis	ICD-10-CM
M06.38	Rheumatoid nodule, vertebrae	Diagnosis	ICD-10-CM
M06.39	Rheumatoid nodule, multiple sites	Diagnosis	ICD-10-CM
M06.80	Other specified rheumatoid arthritis, unspecified site	Diagnosis	ICD-10-CM
M06.811	Other specified rheumatoid arthritis, right shoulder	Diagnosis	ICD-10-CM
M06.812	Other specified rheumatoid arthritis, left shoulder	Diagnosis	ICD-10-CM



**Appendix K. List of International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes and Healthcare Common Procedure Coding System (HCPCS) Codes Used to Define Baseline Characteristics in this Request**

<b>Code</b>	<b>Description</b>	<b>Code Category</b>	<b>Code Type</b>
M06.819	Other specified rheumatoid arthritis, unspecified shoulder	Diagnosis	ICD-10-CM
M06.821	Other specified rheumatoid arthritis, right elbow	Diagnosis	ICD-10-CM
M06.822	Other specified rheumatoid arthritis, left elbow	Diagnosis	ICD-10-CM
M06.829	Other specified rheumatoid arthritis, unspecified elbow	Diagnosis	ICD-10-CM
M06.831	Other specified rheumatoid arthritis, right wrist	Diagnosis	ICD-10-CM
M06.832	Other specified rheumatoid arthritis, left wrist	Diagnosis	ICD-10-CM
M06.839	Other specified rheumatoid arthritis, unspecified wrist	Diagnosis	ICD-10-CM
M06.841	Other specified rheumatoid arthritis, right hand	Diagnosis	ICD-10-CM
M06.842	Other specified rheumatoid arthritis, left hand	Diagnosis	ICD-10-CM
M06.849	Other specified rheumatoid arthritis, unspecified hand	Diagnosis	ICD-10-CM
M06.851	Other specified rheumatoid arthritis, right hip	Diagnosis	ICD-10-CM
M06.852	Other specified rheumatoid arthritis, left hip	Diagnosis	ICD-10-CM
M06.859	Other specified rheumatoid arthritis, unspecified hip	Diagnosis	ICD-10-CM
M06.861	Other specified rheumatoid arthritis, right knee	Diagnosis	ICD-10-CM
M06.862	Other specified rheumatoid arthritis, left knee	Diagnosis	ICD-10-CM
M06.869	Other specified rheumatoid arthritis, unspecified knee	Diagnosis	ICD-10-CM
M06.871	Other specified rheumatoid arthritis, right ankle and foot	Diagnosis	ICD-10-CM
M06.872	Other specified rheumatoid arthritis, left ankle and foot	Diagnosis	ICD-10-CM
M06.879	Other specified rheumatoid arthritis, unspecified ankle and foot	Diagnosis	ICD-10-CM
M06.88	Other specified rheumatoid arthritis, vertebrae	Diagnosis	ICD-10-CM
M06.89	Other specified rheumatoid arthritis, multiple sites	Diagnosis	ICD-10-CM
M06.9	Rheumatoid arthritis, unspecified	Diagnosis	ICD-10-CM
M08.00	Unspecified juvenile rheumatoid arthritis of unspecified site	Diagnosis	ICD-10-CM
M08.011	Unspecified juvenile rheumatoid arthritis, right shoulder	Diagnosis	ICD-10-CM
M08.012	Unspecified juvenile rheumatoid arthritis, left shoulder	Diagnosis	ICD-10-CM
M08.019	Unspecified juvenile rheumatoid arthritis, unspecified shoulder	Diagnosis	ICD-10-CM
M08.021	Unspecified juvenile rheumatoid arthritis, right elbow	Diagnosis	ICD-10-CM
M08.022	Unspecified juvenile rheumatoid arthritis, left elbow	Diagnosis	ICD-10-CM
M08.029	Unspecified juvenile rheumatoid arthritis, unspecified elbow	Diagnosis	ICD-10-CM
M08.031	Unspecified juvenile rheumatoid arthritis, right wrist	Diagnosis	ICD-10-CM
M08.032	Unspecified juvenile rheumatoid arthritis, left wrist	Diagnosis	ICD-10-CM
M08.039	Unspecified juvenile rheumatoid arthritis, unspecified wrist	Diagnosis	ICD-10-CM
M08.041	Unspecified juvenile rheumatoid arthritis, right hand	Diagnosis	ICD-10-CM
M08.042	Unspecified juvenile rheumatoid arthritis, left hand	Diagnosis	ICD-10-CM
M08.049	Unspecified juvenile rheumatoid arthritis, unspecified hand	Diagnosis	ICD-10-CM
M08.051	Unspecified juvenile rheumatoid arthritis, right hip	Diagnosis	ICD-10-CM
M08.052	Unspecified juvenile rheumatoid arthritis, left hip	Diagnosis	ICD-10-CM
M08.059	Unspecified juvenile rheumatoid arthritis, unspecified hip	Diagnosis	ICD-10-CM
M08.061	Unspecified juvenile rheumatoid arthritis, right knee	Diagnosis	ICD-10-CM
M08.062	Unspecified juvenile rheumatoid arthritis, left knee	Diagnosis	ICD-10-CM
M08.069	Unspecified juvenile rheumatoid arthritis, unspecified knee	Diagnosis	ICD-10-CM
M08.071	Unspecified juvenile rheumatoid arthritis, right ankle and foot	Diagnosis	ICD-10-CM
M08.072	Unspecified juvenile rheumatoid arthritis, left ankle and foot	Diagnosis	ICD-10-CM
M08.079	Unspecified juvenile rheumatoid arthritis, unspecified ankle and foot	Diagnosis	ICD-10-CM

**Appendix K. List of International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes and Healthcare Common Procedure Coding System (HCPCS) Codes Used to Define Baseline Characteristics in this Request**

<b>Code</b>	<b>Description</b>	<b>Code Category</b>	<b>Code Type</b>
M08.08	Unspecified juvenile rheumatoid arthritis, vertebrae	Diagnosis	ICD-10-CM
M08.09	Unspecified juvenile rheumatoid arthritis, multiple sites	Diagnosis	ICD-10-CM
M08.1	Juvenile ankylosing spondylitis	Diagnosis	ICD-10-CM
M08.20	Juvenile rheumatoid arthritis with systemic onset, unspecified site	Diagnosis	ICD-10-CM
M08.211	Juvenile rheumatoid arthritis with systemic onset, right shoulder	Diagnosis	ICD-10-CM
M08.212	Juvenile rheumatoid arthritis with systemic onset, left shoulder	Diagnosis	ICD-10-CM
M08.219	Juvenile rheumatoid arthritis with systemic onset, unspecified shoulder	Diagnosis	ICD-10-CM
M08.221	Juvenile rheumatoid arthritis with systemic onset, right elbow	Diagnosis	ICD-10-CM
M08.222	Juvenile rheumatoid arthritis with systemic onset, left elbow	Diagnosis	ICD-10-CM
M08.229	Juvenile rheumatoid arthritis with systemic onset, unspecified elbow	Diagnosis	ICD-10-CM
M08.231	Juvenile rheumatoid arthritis with systemic onset, right wrist	Diagnosis	ICD-10-CM
M08.232	Juvenile rheumatoid arthritis with systemic onset, left wrist	Diagnosis	ICD-10-CM
M08.239	Juvenile rheumatoid arthritis with systemic onset, unspecified wrist	Diagnosis	ICD-10-CM
M08.241	Juvenile rheumatoid arthritis with systemic onset, right hand	Diagnosis	ICD-10-CM
M08.242	Juvenile rheumatoid arthritis with systemic onset, left hand	Diagnosis	ICD-10-CM
M08.249	Juvenile rheumatoid arthritis with systemic onset, unspecified hand	Diagnosis	ICD-10-CM
M08.251	Juvenile rheumatoid arthritis with systemic onset, right hip	Diagnosis	ICD-10-CM
M08.252	Juvenile rheumatoid arthritis with systemic onset, left hip	Diagnosis	ICD-10-CM
M08.259	Juvenile rheumatoid arthritis with systemic onset, unspecified hip	Diagnosis	ICD-10-CM
M08.261	Juvenile rheumatoid arthritis with systemic onset, right knee	Diagnosis	ICD-10-CM
M08.262	Juvenile rheumatoid arthritis with systemic onset, left knee	Diagnosis	ICD-10-CM
M08.269	Juvenile rheumatoid arthritis with systemic onset, unspecified knee	Diagnosis	ICD-10-CM
M08.271	Juvenile rheumatoid arthritis with systemic onset, right ankle and foot	Diagnosis	ICD-10-CM
M08.272	Juvenile rheumatoid arthritis with systemic onset, left ankle and foot	Diagnosis	ICD-10-CM
M08.279	Juvenile rheumatoid arthritis with systemic onset, unspecified ankle and foot	Diagnosis	ICD-10-CM
M08.28	Juvenile rheumatoid arthritis with systemic onset, vertebrae	Diagnosis	ICD-10-CM
M08.29	Juvenile rheumatoid arthritis with systemic onset, multiple sites	Diagnosis	ICD-10-CM
M08.3	Juvenile rheumatoid polyarthritis (seronegative)	Diagnosis	ICD-10-CM
M08.40	Pauciarticular juvenile rheumatoid arthritis, unspecified site	Diagnosis	ICD-10-CM
M08.411	Pauciarticular juvenile rheumatoid arthritis, right shoulder	Diagnosis	ICD-10-CM
M08.412	Pauciarticular juvenile rheumatoid arthritis, left shoulder	Diagnosis	ICD-10-CM
M08.419	Pauciarticular juvenile rheumatoid arthritis, unspecified shoulder	Diagnosis	ICD-10-CM
M08.421	Pauciarticular juvenile rheumatoid arthritis, right elbow	Diagnosis	ICD-10-CM
M08.422	Pauciarticular juvenile rheumatoid arthritis, left elbow	Diagnosis	ICD-10-CM
M08.429	Pauciarticular juvenile rheumatoid arthritis, unspecified elbow	Diagnosis	ICD-10-CM
M08.431	Pauciarticular juvenile rheumatoid arthritis, right wrist	Diagnosis	ICD-10-CM
M08.432	Pauciarticular juvenile rheumatoid arthritis, left wrist	Diagnosis	ICD-10-CM
M08.439	Pauciarticular juvenile rheumatoid arthritis, unspecified wrist	Diagnosis	ICD-10-CM
M08.441	Pauciarticular juvenile rheumatoid arthritis, right hand	Diagnosis	ICD-10-CM
M08.442	Pauciarticular juvenile rheumatoid arthritis, left hand	Diagnosis	ICD-10-CM
M08.449	Pauciarticular juvenile rheumatoid arthritis, unspecified hand	Diagnosis	ICD-10-CM
M08.451	Pauciarticular juvenile rheumatoid arthritis, right hip	Diagnosis	ICD-10-CM
M08.452	Pauciarticular juvenile rheumatoid arthritis, left hip	Diagnosis	ICD-10-CM
M08.459	Pauciarticular juvenile rheumatoid arthritis, unspecified hip	Diagnosis	ICD-10-CM

**Appendix K. List of International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes and Healthcare Common Procedure Coding System (HCPCS) Codes Used to Define Baseline Characteristics in this Request**

<b>Code</b>	<b>Description</b>	<b>Code Category</b>	<b>Code Type</b>
M08.461	Pauciarticular juvenile rheumatoid arthritis, right knee	Diagnosis	ICD-10-CM
M08.462	Pauciarticular juvenile rheumatoid arthritis, left knee	Diagnosis	ICD-10-CM
M08.469	Pauciarticular juvenile rheumatoid arthritis, unspecified knee	Diagnosis	ICD-10-CM
M08.471	Pauciarticular juvenile rheumatoid arthritis, right ankle and foot	Diagnosis	ICD-10-CM
M08.472	Pauciarticular juvenile rheumatoid arthritis, left ankle and foot	Diagnosis	ICD-10-CM
M08.479	Pauciarticular juvenile rheumatoid arthritis, unspecified ankle and foot	Diagnosis	ICD-10-CM
M08.48	Pauciarticular juvenile rheumatoid arthritis, vertebrae	Diagnosis	ICD-10-CM
M08.811	Other juvenile arthritis, right shoulder	Diagnosis	ICD-10-CM
M08.812	Other juvenile arthritis, left shoulder	Diagnosis	ICD-10-CM
M08.819	Other juvenile arthritis, unspecified shoulder	Diagnosis	ICD-10-CM
M08.821	Other juvenile arthritis, right elbow	Diagnosis	ICD-10-CM
M08.822	Other juvenile arthritis, left elbow	Diagnosis	ICD-10-CM
M08.829	Other juvenile arthritis, unspecified elbow	Diagnosis	ICD-10-CM
M08.831	Other juvenile arthritis, right wrist	Diagnosis	ICD-10-CM
M08.832	Other juvenile arthritis, left wrist	Diagnosis	ICD-10-CM
M08.839	Other juvenile arthritis, unspecified wrist	Diagnosis	ICD-10-CM
M08.841	Other juvenile arthritis, right hand	Diagnosis	ICD-10-CM
M08.842	Other juvenile arthritis, left hand	Diagnosis	ICD-10-CM
M08.849	Other juvenile arthritis, unspecified hand	Diagnosis	ICD-10-CM
M08.851	Other juvenile arthritis, right hip	Diagnosis	ICD-10-CM
M08.852	Other juvenile arthritis, left hip	Diagnosis	ICD-10-CM
M08.859	Other juvenile arthritis, unspecified hip	Diagnosis	ICD-10-CM
M08.861	Other juvenile arthritis, right knee	Diagnosis	ICD-10-CM
M08.862	Other juvenile arthritis, left knee	Diagnosis	ICD-10-CM
M08.869	Other juvenile arthritis, unspecified knee	Diagnosis	ICD-10-CM
M08.871	Other juvenile arthritis, right ankle and foot	Diagnosis	ICD-10-CM
M08.872	Other juvenile arthritis, left ankle and foot	Diagnosis	ICD-10-CM
M08.879	Other juvenile arthritis, unspecified ankle and foot	Diagnosis	ICD-10-CM
M08.88	Other juvenile arthritis, other specified site	Diagnosis	ICD-10-CM
M08.89	Other juvenile arthritis, multiple sites	Diagnosis	ICD-10-CM
M08.90	Juvenile arthritis, unspecified, unspecified site	Diagnosis	ICD-10-CM
M08.911	Juvenile arthritis, unspecified, right shoulder	Diagnosis	ICD-10-CM
M08.912	Juvenile arthritis, unspecified, left shoulder	Diagnosis	ICD-10-CM
M08.919	Juvenile arthritis, unspecified, unspecified shoulder	Diagnosis	ICD-10-CM
M08.921	Juvenile arthritis, unspecified, right elbow	Diagnosis	ICD-10-CM
M08.922	Juvenile arthritis, unspecified, left elbow	Diagnosis	ICD-10-CM
M08.929	Juvenile arthritis, unspecified, unspecified elbow	Diagnosis	ICD-10-CM
M08.931	Juvenile arthritis, unspecified, right wrist	Diagnosis	ICD-10-CM
M08.932	Juvenile arthritis, unspecified, left wrist	Diagnosis	ICD-10-CM
M08.939	Juvenile arthritis, unspecified, unspecified wrist	Diagnosis	ICD-10-CM
M08.941	Juvenile arthritis, unspecified, right hand	Diagnosis	ICD-10-CM
M08.942	Juvenile arthritis, unspecified, left hand	Diagnosis	ICD-10-CM
M08.949	Juvenile arthritis, unspecified, unspecified hand	Diagnosis	ICD-10-CM
M08.951	Juvenile arthritis, unspecified, right hip	Diagnosis	ICD-10-CM

**Appendix K. List of International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes and Healthcare Common Procedure Coding System (HCPCS) Codes Used to Define Baseline Characteristics in this Request**

<b>Code</b>	<b>Description</b>	<b>Code Category</b>	<b>Code Type</b>
M08.952	Juvenile arthritis, unspecified, left hip	Diagnosis	ICD-10-CM
M08.959	Juvenile arthritis, unspecified, unspecified hip	Diagnosis	ICD-10-CM
M08.961	Juvenile arthritis, unspecified, right knee	Diagnosis	ICD-10-CM
M08.962	Juvenile arthritis, unspecified, left knee	Diagnosis	ICD-10-CM
M08.969	Juvenile arthritis, unspecified, unspecified knee	Diagnosis	ICD-10-CM
M08.971	Juvenile arthritis, unspecified, right ankle and foot	Diagnosis	ICD-10-CM
M08.972	Juvenile arthritis, unspecified, left ankle and foot	Diagnosis	ICD-10-CM
M08.979	Juvenile arthritis, unspecified, unspecified ankle and foot	Diagnosis	ICD-10-CM
M08.98	Juvenile arthritis, unspecified, vertebrae	Diagnosis	ICD-10-CM
M08.99	Juvenile arthritis, unspecified, multiple sites	Diagnosis	ICD-10-CM
M15.1	Heberden's nodes (with arthropathy)	Diagnosis	ICD-10-CM
M15.2	Bouchard's nodes (with arthropathy)	Diagnosis	ICD-10-CM
M15.3	Secondary multiple arthritis	Diagnosis	ICD-10-CM
M15.4	Erosive (osteo)arthritis	Diagnosis	ICD-10-CM
M15.8	Other polyosteoarthritis	Diagnosis	ICD-10-CM
M15.9	Polyosteoarthritis, unspecified	Diagnosis	ICD-10-CM
M16.0	Bilateral primary osteoarthritis of hip	Diagnosis	ICD-10-CM
M16.10	Unilateral primary osteoarthritis, unspecified hip	Diagnosis	ICD-10-CM
M16.11	Unilateral primary osteoarthritis, right hip	Diagnosis	ICD-10-CM
M16.12	Unilateral primary osteoarthritis, left hip	Diagnosis	ICD-10-CM
M16.2	Bilateral osteoarthritis resulting from hip dysplasia	Diagnosis	ICD-10-CM
M16.30	Unilateral osteoarthritis resulting from hip dysplasia, unspecified hip	Diagnosis	ICD-10-CM
M16.31	Unilateral osteoarthritis resulting from hip dysplasia, right hip	Diagnosis	ICD-10-CM
M16.32	Unilateral osteoarthritis resulting from hip dysplasia, left hip	Diagnosis	ICD-10-CM
M16.4	Bilateral post-traumatic osteoarthritis of hip	Diagnosis	ICD-10-CM
M16.50	Unilateral post-traumatic osteoarthritis, unspecified hip	Diagnosis	ICD-10-CM
M16.51	Unilateral post-traumatic osteoarthritis, right hip	Diagnosis	ICD-10-CM
M16.52	Unilateral post-traumatic osteoarthritis, left hip	Diagnosis	ICD-10-CM
M16.6	Other bilateral secondary osteoarthritis of hip	Diagnosis	ICD-10-CM
M16.7	Other unilateral secondary osteoarthritis of hip	Diagnosis	ICD-10-CM
M16.9	Osteoarthritis of hip, unspecified	Diagnosis	ICD-10-CM
M17.0	Bilateral primary osteoarthritis of knee	Diagnosis	ICD-10-CM
M17.10	Unilateral primary osteoarthritis, unspecified knee	Diagnosis	ICD-10-CM
M17.11	Unilateral primary osteoarthritis, right knee	Diagnosis	ICD-10-CM
M17.12	Unilateral primary osteoarthritis, left knee	Diagnosis	ICD-10-CM
M17.2	Bilateral post-traumatic osteoarthritis of knee	Diagnosis	ICD-10-CM
M17.30	Unilateral post-traumatic osteoarthritis, unspecified knee	Diagnosis	ICD-10-CM
M17.31	Unilateral post-traumatic osteoarthritis, right knee	Diagnosis	ICD-10-CM
M17.32	Unilateral post-traumatic osteoarthritis, left knee	Diagnosis	ICD-10-CM
M17.4	Other bilateral secondary osteoarthritis of knee	Diagnosis	ICD-10-CM
M17.5	Other unilateral secondary osteoarthritis of knee	Diagnosis	ICD-10-CM
M17.9	Osteoarthritis of knee, unspecified	Diagnosis	ICD-10-CM
M18.0	Bilateral primary osteoarthritis of first carpometacarpal joints	Diagnosis	ICD-10-CM

**Appendix K. List of International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes and Healthcare Common Procedure Coding System (HCPCS) Codes Used to Define Baseline Characteristics in this Request**

<b>Code</b>	<b>Description</b>	<b>Code Category</b>	<b>Code Type</b>
M18.10	Unilateral primary osteoarthritis of first carpometacarpal joint, unspecified hand	Diagnosis	ICD-10-CM
M18.11	Unilateral primary osteoarthritis of first carpometacarpal joint, right hand	Diagnosis	ICD-10-CM
M18.12	Unilateral primary osteoarthritis of first carpometacarpal joint, left hand	Diagnosis	ICD-10-CM
M18.2	Bilateral post-traumatic osteoarthritis of first carpometacarpal joints	Diagnosis	ICD-10-CM
M18.30	Unilateral post-traumatic osteoarthritis of first carpometacarpal joint, unspecified hand	Diagnosis	ICD-10-CM
M18.31	Unilateral post-traumatic osteoarthritis of first carpometacarpal joint, right hand	Diagnosis	ICD-10-CM
M18.32	Unilateral post-traumatic osteoarthritis of first carpometacarpal joint, left hand	Diagnosis	ICD-10-CM
M18.4	Other bilateral secondary osteoarthritis of first carpometacarpal joints	Diagnosis	ICD-10-CM
M18.50	Other unilateral secondary osteoarthritis of first carpometacarpal joint, unspecified hand	Diagnosis	ICD-10-CM
M18.51	Other unilateral secondary osteoarthritis of first carpometacarpal joint, right hand	Diagnosis	ICD-10-CM
M18.52	Other unilateral secondary osteoarthritis of first carpometacarpal joint, left hand	Diagnosis	ICD-10-CM
M18.9	Osteoarthritis of first carpometacarpal joint, unspecified	Diagnosis	ICD-10-CM
M19.011	Primary osteoarthritis, right shoulder	Diagnosis	ICD-10-CM
M19.012	Primary osteoarthritis, left shoulder	Diagnosis	ICD-10-CM
M19.019	Primary osteoarthritis, unspecified shoulder	Diagnosis	ICD-10-CM
M19.021	Primary osteoarthritis, right elbow	Diagnosis	ICD-10-CM
M19.022	Primary osteoarthritis, left elbow	Diagnosis	ICD-10-CM
M19.029	Primary osteoarthritis, unspecified elbow	Diagnosis	ICD-10-CM
M19.031	Primary osteoarthritis, right wrist	Diagnosis	ICD-10-CM
M19.032	Primary osteoarthritis, left wrist	Diagnosis	ICD-10-CM
M19.039	Primary osteoarthritis, unspecified wrist	Diagnosis	ICD-10-CM
M19.041	Primary osteoarthritis, right hand	Diagnosis	ICD-10-CM
M19.042	Primary osteoarthritis, left hand	Diagnosis	ICD-10-CM
M19.049	Primary osteoarthritis, unspecified hand	Diagnosis	ICD-10-CM
M19.071	Primary osteoarthritis, right ankle and foot	Diagnosis	ICD-10-CM
M19.072	Primary osteoarthritis, left ankle and foot	Diagnosis	ICD-10-CM
M19.079	Primary osteoarthritis, unspecified ankle and foot	Diagnosis	ICD-10-CM
M19.111	Post-traumatic osteoarthritis, right shoulder	Diagnosis	ICD-10-CM
M19.112	Post-traumatic osteoarthritis, left shoulder	Diagnosis	ICD-10-CM
M19.119	Post-traumatic osteoarthritis, unspecified shoulder	Diagnosis	ICD-10-CM
M19.121	Post-traumatic osteoarthritis, right elbow	Diagnosis	ICD-10-CM
M19.122	Post-traumatic osteoarthritis, left elbow	Diagnosis	ICD-10-CM
M19.129	Post-traumatic osteoarthritis, unspecified elbow	Diagnosis	ICD-10-CM
M19.131	Post-traumatic osteoarthritis, right wrist	Diagnosis	ICD-10-CM
M19.132	Post-traumatic osteoarthritis, left wrist	Diagnosis	ICD-10-CM
M19.139	Post-traumatic osteoarthritis, unspecified wrist	Diagnosis	ICD-10-CM
M19.141	Post-traumatic osteoarthritis, right hand	Diagnosis	ICD-10-CM

**Appendix K. List of International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes and Healthcare Common Procedure Coding System (HCPCS) Codes Used to Define Baseline Characteristics in this Request**

<b>Code</b>	<b>Description</b>	<b>Code Category</b>	<b>Code Type</b>
M19.142	Post-traumatic osteoarthritis, left hand	Diagnosis	ICD-10-CM
M19.149	Post-traumatic osteoarthritis, unspecified hand	Diagnosis	ICD-10-CM
M19.171	Post-traumatic osteoarthritis, right ankle and foot	Diagnosis	ICD-10-CM
M19.172	Post-traumatic osteoarthritis, left ankle and foot	Diagnosis	ICD-10-CM
M19.179	Post-traumatic osteoarthritis, unspecified ankle and foot	Diagnosis	ICD-10-CM
M19.211	Secondary osteoarthritis, right shoulder	Diagnosis	ICD-10-CM
M19.212	Secondary osteoarthritis, left shoulder	Diagnosis	ICD-10-CM
M19.219	Secondary osteoarthritis, unspecified shoulder	Diagnosis	ICD-10-CM
M19.221	Secondary osteoarthritis, right elbow	Diagnosis	ICD-10-CM
M19.222	Secondary osteoarthritis, left elbow	Diagnosis	ICD-10-CM
M19.229	Secondary osteoarthritis, unspecified elbow	Diagnosis	ICD-10-CM
M19.231	Secondary osteoarthritis, right wrist	Diagnosis	ICD-10-CM
M19.232	Secondary osteoarthritis, left wrist	Diagnosis	ICD-10-CM
M19.239	Secondary osteoarthritis, unspecified wrist	Diagnosis	ICD-10-CM
M19.241	Secondary osteoarthritis, right hand	Diagnosis	ICD-10-CM
M19.242	Secondary osteoarthritis, left hand	Diagnosis	ICD-10-CM
M19.249	Secondary osteoarthritis, unspecified hand	Diagnosis	ICD-10-CM
M19.271	Secondary osteoarthritis, right ankle and foot	Diagnosis	ICD-10-CM
M19.272	Secondary osteoarthritis, left ankle and foot	Diagnosis	ICD-10-CM
M19.279	Secondary osteoarthritis, unspecified ankle and foot	Diagnosis	ICD-10-CM
M19.90	Unspecified osteoarthritis, unspecified site	Diagnosis	ICD-10-CM
M19.91	Primary osteoarthritis, unspecified site	Diagnosis	ICD-10-CM
M19.92	Post-traumatic osteoarthritis, unspecified site	Diagnosis	ICD-10-CM
M19.93	Secondary osteoarthritis, unspecified site	Diagnosis	ICD-10-CM
M45.0	Ankylosing spondylitis of multiple sites in spine	Diagnosis	ICD-10-CM
M45.1	Ankylosing spondylitis of occipito-atlanto-axial region	Diagnosis	ICD-10-CM
M45.2	Ankylosing spondylitis of cervical region	Diagnosis	ICD-10-CM
M45.3	Ankylosing spondylitis of cervicothoracic region	Diagnosis	ICD-10-CM
M45.4	Ankylosing spondylitis of thoracic region	Diagnosis	ICD-10-CM
M45.5	Ankylosing spondylitis of thoracolumbar region	Diagnosis	ICD-10-CM
M45.6	Ankylosing spondylitis lumbar region	Diagnosis	ICD-10-CM
M45.7	Ankylosing spondylitis of lumbosacral region	Diagnosis	ICD-10-CM
M45.8	Ankylosing spondylitis sacral and sacrococcygeal region	Diagnosis	ICD-10-CM
M45.9	Ankylosing spondylitis of unspecified sites in spine	Diagnosis	ICD-10-CM
M47.011	Anterior spinal artery compression syndromes, occipito-atlanto-axial region	Diagnosis	ICD-10-CM
M47.012	Anterior spinal artery compression syndromes, cervical region	Diagnosis	ICD-10-CM
M47.013	Anterior spinal artery compression syndromes, cervicothoracic region	Diagnosis	ICD-10-CM
M47.014	Anterior spinal artery compression syndromes, thoracic region	Diagnosis	ICD-10-CM
M47.015	Anterior spinal artery compression syndromes, thoracolumbar region	Diagnosis	ICD-10-CM
M47.016	Anterior spinal artery compression syndromes, lumbar region	Diagnosis	ICD-10-CM
M47.019	Anterior spinal artery compression syndromes, site unspecified	Diagnosis	ICD-10-CM
M47.021	Vertebral artery compression syndromes, occipito-atlanto-axial region	Diagnosis	ICD-10-CM
M47.022	Vertebral artery compression syndromes, cervical region	Diagnosis	ICD-10-CM
M47.029	Vertebral artery compression syndromes, site unspecified	Diagnosis	ICD-10-CM



**Appendix K. List of International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes and Healthcare Common Procedure Coding System (HCPCS) Codes Used to Define Baseline Characteristics in this Request**

<b>Code</b>	<b>Description</b>	<b>Code Category</b>	<b>Code Type</b>
M47.10	Other spondylosis with myelopathy, site unspecified	Diagnosis	ICD-10-CM
M47.11	Other spondylosis with myelopathy, occipito-atlanto-axial region	Diagnosis	ICD-10-CM
M47.12	Other spondylosis with myelopathy, cervical region	Diagnosis	ICD-10-CM
M47.13	Other spondylosis with myelopathy, cervicothoracic region	Diagnosis	ICD-10-CM
M47.20	Other spondylosis with radiculopathy, site unspecified	Diagnosis	ICD-10-CM
M47.21	Other spondylosis with radiculopathy, occipito-atlanto-axial region	Diagnosis	ICD-10-CM
M47.22	Other spondylosis with radiculopathy, cervical region	Diagnosis	ICD-10-CM
M47.23	Other spondylosis with radiculopathy, cervicothoracic region	Diagnosis	ICD-10-CM
M47.24	Other spondylosis with radiculopathy, thoracic region	Diagnosis	ICD-10-CM
M47.25	Other spondylosis with radiculopathy, thoracolumbar region	Diagnosis	ICD-10-CM
M47.26	Other spondylosis with radiculopathy, lumbar region	Diagnosis	ICD-10-CM
M47.27	Other spondylosis with radiculopathy, lumbosacral region	Diagnosis	ICD-10-CM
M47.28	Other spondylosis with radiculopathy, sacral and sacrococcygeal region	Diagnosis	ICD-10-CM
M47.811	Spondylosis without myelopathy or radiculopathy, occipito-atlanto-axial region	Diagnosis	ICD-10-CM
M47.812	Spondylosis without myelopathy or radiculopathy, cervical region	Diagnosis	ICD-10-CM
M47.813	Spondylosis without myelopathy or radiculopathy, cervicothoracic region	Diagnosis	ICD-10-CM
M47.814	Spondylosis without myelopathy or radiculopathy, thoracic region	Diagnosis	ICD-10-CM
M47.815	Spondylosis without myelopathy or radiculopathy, thoracolumbar region	Diagnosis	ICD-10-CM
M47.816	Spondylosis without myelopathy or radiculopathy, lumbar region	Diagnosis	ICD-10-CM
M47.817	Spondylosis without myelopathy or radiculopathy, lumbosacral region	Diagnosis	ICD-10-CM
M47.818	Spondylosis without myelopathy or radiculopathy, sacral and sacrococcygeal region	Diagnosis	ICD-10-CM
M47.819	Spondylosis without myelopathy or radiculopathy, site unspecified	Diagnosis	ICD-10-CM
M47.891	Other spondylosis, occipito-atlanto-axial region	Diagnosis	ICD-10-CM
M47.892	Other spondylosis, cervical region	Diagnosis	ICD-10-CM
M47.893	Other spondylosis, cervicothoracic region	Diagnosis	ICD-10-CM
M47.894	Other spondylosis, thoracic region	Diagnosis	ICD-10-CM
M47.895	Other spondylosis, thoracolumbar region	Diagnosis	ICD-10-CM
M47.896	Other spondylosis, lumbar region	Diagnosis	ICD-10-CM
M47.897	Other spondylosis, lumbosacral region	Diagnosis	ICD-10-CM
M47.898	Other spondylosis, sacral and sacrococcygeal region	Diagnosis	ICD-10-CM
M47.899	Other spondylosis, site unspecified	Diagnosis	ICD-10-CM
M47.9	Spondylosis, unspecified	Diagnosis	ICD-10-CM
M48.8X1	Other specified spondylopathies, occipito-atlanto-axial region	Diagnosis	ICD-10-CM
M48.8X2	Other specified spondylopathies, cervical region	Diagnosis	ICD-10-CM
M48.8X3	Other specified spondylopathies, cervicothoracic region	Diagnosis	ICD-10-CM
M48.8X4	Other specified spondylopathies, thoracic region	Diagnosis	ICD-10-CM
M48.8X5	Other specified spondylopathies, thoracolumbar region	Diagnosis	ICD-10-CM
M48.8X6	Other specified spondylopathies, lumbar region	Diagnosis	ICD-10-CM
M48.8X7	Other specified spondylopathies, lumbosacral region	Diagnosis	ICD-10-CM
M48.8X8	Other specified spondylopathies, sacral and sacrococcygeal region	Diagnosis	ICD-10-CM
M48.8X9	Other specified spondylopathies, site unspecified	Diagnosis	ICD-10-CM
M08.9A	Juvenile arthritis, unspecified, other specified site	Diagnosis	ICD-10-CM



**Appendix K. List of International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes and Healthcare Common Procedure Coding System (HCPCS) Codes Used to Define Baseline Characteristics in this Request**

<b>Code</b>	<b>Description</b>	<b>Code Category</b>	<b>Code Type</b>
M08.2A	Juvenile rheumatoid arthritis with systemic onset, other specified site	Diagnosis	ICD-10-CM
M06.8A	Other specified rheumatoid arthritis, other specified site	Diagnosis	ICD-10-CM
M05.8A	Other rheumatoid arthritis with rheumatoid factor of other specified site	Diagnosis	ICD-10-CM
M08.4A	Pauciarticular juvenile rheumatoid arthritis, other specified site	Diagnosis	ICD-10-CM
M19.19	Post-traumatic osteoarthritis, other specified site	Diagnosis	ICD-10-CM
M19.09	Primary osteoarthritis, other specified site	Diagnosis	ICD-10-CM
M05.7A	Rheumatoid arthritis with rheumatoid factor of other specified site without organ or systems involvement	Diagnosis	ICD-10-CM
M06.0A	Rheumatoid arthritis without rheumatoid factor, other specified site	Diagnosis	ICD-10-CM
M19.29	Secondary osteoarthritis, other specified site	Diagnosis	ICD-10-CM
M08.0A	Unspecified juvenile rheumatoid arthritis, other specified site	Diagnosis	ICD-10-CM
L40.50	Arthropathic psoriasis, unspecified	Diagnosis	ICD-10-CM
L40.51	Distal interphalangeal psoriatic arthropathy	Diagnosis	ICD-10-CM
M45.A0	Non-radiographic axial spondyloarthritis of unspecified sites in spine	Diagnosis	ICD-10-CM
M45.AB	Non-radiographic axial spondyloarthritis of multiple sites in spine	Diagnosis	ICD-10-CM
M45.A5	Non-radiographic axial spondyloarthritis of thoracolumbar region	Diagnosis	ICD-10-CM
M45.A4	Non-radiographic axial spondyloarthritis of thoracic region	Diagnosis	ICD-10-CM
M45.A6	Non-radiographic axial spondyloarthritis of lumbar region	Diagnosis	ICD-10-CM
M45.A7	Non-radiographic axial spondyloarthritis of lumbosacral region	Diagnosis	ICD-10-CM
M45.A1	Non-radiographic axial spondyloarthritis of occipito-atlanto-axial region	Diagnosis	ICD-10-CM
M45.A8	Non-radiographic axial spondyloarthritis of sacral and sacrococcygeal region	Diagnosis	ICD-10-CM
M45.A2	Non-radiographic axial spondyloarthritis of cervical region	Diagnosis	ICD-10-CM
M45.A3	Non-radiographic axial spondyloarthritis of cervicothoracic region	Diagnosis	ICD-10-CM
M46.88	Other specified inflammatory spondylopathies, sacral and sacrococcygeal region	Diagnosis	ICD-10-CM
M46.82	Other specified inflammatory spondylopathies, cervical region	Diagnosis	ICD-10-CM
M46.83	Other specified inflammatory spondylopathies, cervicothoracic region	Diagnosis	ICD-10-CM
M46.86	Other specified inflammatory spondylopathies, lumbar region	Diagnosis	ICD-10-CM
M46.87	Other specified inflammatory spondylopathies, lumbosacral region	Diagnosis	ICD-10-CM
M46.89	Other specified inflammatory spondylopathies, multiple sites in spine	Diagnosis	ICD-10-CM
M46.81	Other specified inflammatory spondylopathies, occipito-atlanto-axial region	Diagnosis	ICD-10-CM
M46.84	Other specified inflammatory spondylopathies, thoracic region	Diagnosis	ICD-10-CM
M46.85	Other specified inflammatory spondylopathies, thoracolumbar region	Diagnosis	ICD-10-CM
L40.59	Other psoriatic arthropathy	Diagnosis	ICD-10-CM
M46.80	Other specified inflammatory spondylopathies, site unspecified	Diagnosis	ICD-10-CM
M47.14	Other spondylosis with myelopathy, thoracic region	Diagnosis	ICD-10-CM
M47.15	Other spondylosis with myelopathy, thoracolumbar region	Diagnosis	ICD-10-CM
M47.16	Other spondylosis with myelopathy, lumbar region	Diagnosis	ICD-10-CM
L40.54	Psoriatic juvenile arthropathy	Diagnosis	ICD-10-CM
M05.172	Rheumatoid lung disease with rheumatoid arthritis of left ankle and foot	Diagnosis	ICD-10-CM
M05.171	Rheumatoid lung disease with rheumatoid arthritis of right ankle and foot	Diagnosis	ICD-10-CM
M05.129	Rheumatoid lung disease with rheumatoid arthritis of unspecified elbow	Diagnosis	ICD-10-CM
M05.139	Rheumatoid lung disease with rheumatoid arthritis of unspecified wrist	Diagnosis	ICD-10-CM

**Appendix K. List of International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes and Healthcare Common Procedure Coding System (HCPCS) Codes Used to Define Baseline Characteristics in this Request**

Code	Description	Code Category	Code Type
M05.179	Rheumatoid lung disease with rheumatoid arthritis of unspecified ankle and foot	Diagnosis	ICD-10-CM
M05.119	Rheumatoid lung disease with rheumatoid arthritis of unspecified shoulder	Diagnosis	ICD-10-CM
M05.122	Rheumatoid lung disease with rheumatoid arthritis of left elbow	Diagnosis	ICD-10-CM
M05.142	Rheumatoid lung disease with rheumatoid arthritis of left hand	Diagnosis	ICD-10-CM
M05.152	Rheumatoid lung disease with rheumatoid arthritis of left hip	Diagnosis	ICD-10-CM
M05.162	Rheumatoid lung disease with rheumatoid arthritis of left knee	Diagnosis	ICD-10-CM
M05.112	Rheumatoid lung disease with rheumatoid arthritis of left shoulder	Diagnosis	ICD-10-CM
M05.132	Rheumatoid lung disease with rheumatoid arthritis of left wrist	Diagnosis	ICD-10-CM
M05.19	Rheumatoid lung disease with rheumatoid arthritis of multiple sites	Diagnosis	ICD-10-CM
M05.121	Rheumatoid lung disease with rheumatoid arthritis of right elbow	Diagnosis	ICD-10-CM
M05.141	Rheumatoid lung disease with rheumatoid arthritis of right hand	Diagnosis	ICD-10-CM
M05.151	Rheumatoid lung disease with rheumatoid arthritis of right hip	Diagnosis	ICD-10-CM
M05.161	Rheumatoid lung disease with rheumatoid arthritis of right knee	Diagnosis	ICD-10-CM
M05.111	Rheumatoid lung disease with rheumatoid arthritis of right shoulder	Diagnosis	ICD-10-CM
M05.131	Rheumatoid lung disease with rheumatoid arthritis of right wrist	Diagnosis	ICD-10-CM
M05.149	Rheumatoid lung disease with rheumatoid arthritis of unspecified hand	Diagnosis	ICD-10-CM
M05.159	Rheumatoid lung disease with rheumatoid arthritis of unspecified hip	Diagnosis	ICD-10-CM
M05.169	Rheumatoid lung disease with rheumatoid arthritis of unspecified knee	Diagnosis	ICD-10-CM
M05.10	Rheumatoid lung disease with rheumatoid arthritis of unspecified site	Diagnosis	ICD-10-CM
M46.93	Unspecified inflammatory spondylopathy, cervicothoracic region	Diagnosis	ICD-10-CM
M46.97	Unspecified inflammatory spondylopathy, lumbosacral region	Diagnosis	ICD-10-CM
M46.99	Unspecified inflammatory spondylopathy, multiple sites in spine	Diagnosis	ICD-10-CM
M46.91	Unspecified inflammatory spondylopathy, occipito-atlanto-axial region	Diagnosis	ICD-10-CM
M46.98	Unspecified inflammatory spondylopathy, sacral and sacrococcygeal region	Diagnosis	ICD-10-CM
M46.95	Unspecified inflammatory spondylopathy, thoracolumbar region	Diagnosis	ICD-10-CM
M46.92	Unspecified inflammatory spondylopathy, cervical region	Diagnosis	ICD-10-CM
M46.96	Unspecified inflammatory spondylopathy, lumbar region	Diagnosis	ICD-10-CM
M46.90	Unspecified inflammatory spondylopathy, site unspecified	Diagnosis	ICD-10-CM
M46.94	Unspecified inflammatory spondylopathy, thoracic region	Diagnosis	ICD-10-CM
<b>Stroke/Transient Ischemic Attack - Inclusion</b>			
G45.0	Vertebro-basilar artery syndrome	Diagnosis	ICD-10-CM
G45.1	Carotid artery syndrome (hemispheric)	Diagnosis	ICD-10-CM
G45.2	Multiple and bilateral precerebral artery syndromes	Diagnosis	ICD-10-CM
G45.8	Other transient cerebral ischemic attacks and related syndromes	Diagnosis	ICD-10-CM
G45.9	Transient cerebral ischemic attack, unspecified	Diagnosis	ICD-10-CM
G46.0	Middle cerebral artery syndrome	Diagnosis	ICD-10-CM
G46.1	Anterior cerebral artery syndrome	Diagnosis	ICD-10-CM
G46.2	Posterior cerebral artery syndrome	Diagnosis	ICD-10-CM
G46.3	Brain stem stroke syndrome	Diagnosis	ICD-10-CM
G46.4	Cerebellar stroke syndrome	Diagnosis	ICD-10-CM
G46.5	Pure motor lacunar syndrome	Diagnosis	ICD-10-CM
G46.6	Pure sensory lacunar syndrome	Diagnosis	ICD-10-CM
G46.7	Other lacunar syndromes	Diagnosis	ICD-10-CM

**Appendix K. List of International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes and Healthcare Common Procedure Coding System (HCPCS) Codes Used to Define Baseline Characteristics in this Request**

<b>Code</b>	<b>Description</b>	<b>Code Category</b>	<b>Code Type</b>
G46.8	Other vascular syndromes of brain in cerebrovascular diseases	Diagnosis	ICD-10-CM
G97.31	Intraoperative hemorrhage and hematoma of a nervous system organ or structure complicating a nervous system procedure	Diagnosis	ICD-10-CM
G97.32	Intraoperative hemorrhage and hematoma of a nervous system organ or structure complicating other procedure	Diagnosis	ICD-10-CM
I60.00	Nontraumatic subarachnoid hemorrhage from unspecified carotid siphon and bifurcation	Diagnosis	ICD-10-CM
I60.01	Nontraumatic subarachnoid hemorrhage from right carotid siphon and bifurcation	Diagnosis	ICD-10-CM
I60.02	Nontraumatic subarachnoid hemorrhage from left carotid siphon and bifurcation	Diagnosis	ICD-10-CM
I60.10	Nontraumatic subarachnoid hemorrhage from unspecified middle cerebral artery	Diagnosis	ICD-10-CM
I60.11	Nontraumatic subarachnoid hemorrhage from right middle cerebral artery	Diagnosis	ICD-10-CM
I60.12	Nontraumatic subarachnoid hemorrhage from left middle cerebral artery	Diagnosis	ICD-10-CM
I60.2	Nontraumatic subarachnoid hemorrhage from anterior communicating artery	Diagnosis	ICD-10-CM
I60.20	Nontraumatic subarachnoid hemorrhage from unspecified anterior communicating artery	Diagnosis	ICD-10-CM
I60.21	Nontraumatic subarachnoid hemorrhage from right anterior communicating artery	Diagnosis	ICD-10-CM
I60.22	Nontraumatic subarachnoid hemorrhage from left anterior communicating artery	Diagnosis	ICD-10-CM
I60.30	Nontraumatic subarachnoid hemorrhage from unspecified posterior communicating artery	Diagnosis	ICD-10-CM
I60.31	Nontraumatic subarachnoid hemorrhage from right posterior communicating artery	Diagnosis	ICD-10-CM
I60.32	Nontraumatic subarachnoid hemorrhage from left posterior communicating artery	Diagnosis	ICD-10-CM
I60.4	Nontraumatic subarachnoid hemorrhage from basilar artery	Diagnosis	ICD-10-CM
I60.50	Nontraumatic subarachnoid hemorrhage from unspecified vertebral artery	Diagnosis	ICD-10-CM
I60.51	Nontraumatic subarachnoid hemorrhage from right vertebral artery	Diagnosis	ICD-10-CM
I60.52	Nontraumatic subarachnoid hemorrhage from left vertebral artery	Diagnosis	ICD-10-CM
I60.6	Nontraumatic subarachnoid hemorrhage from other intracranial arteries	Diagnosis	ICD-10-CM
I60.7	Nontraumatic subarachnoid hemorrhage from unspecified intracranial artery	Diagnosis	ICD-10-CM
I60.8	Other nontraumatic subarachnoid hemorrhage	Diagnosis	ICD-10-CM
I60.9	Nontraumatic subarachnoid hemorrhage, unspecified	Diagnosis	ICD-10-CM
I61.0	Nontraumatic intracerebral hemorrhage in hemisphere, subcortical	Diagnosis	ICD-10-CM
I61.1	Nontraumatic intracerebral hemorrhage in hemisphere, cortical	Diagnosis	ICD-10-CM
I61.2	Nontraumatic intracerebral hemorrhage in hemisphere, unspecified	Diagnosis	ICD-10-CM
I61.3	Nontraumatic intracerebral hemorrhage in brain stem	Diagnosis	ICD-10-CM
I61.4	Nontraumatic intracerebral hemorrhage in cerebellum	Diagnosis	ICD-10-CM
I61.5	Nontraumatic intracerebral hemorrhage, intraventricular	Diagnosis	ICD-10-CM
I61.6	Nontraumatic intracerebral hemorrhage, multiple localized	Diagnosis	ICD-10-CM
I61.8	Other nontraumatic intracerebral hemorrhage	Diagnosis	ICD-10-CM

**Appendix K. List of International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes and Healthcare Common Procedure Coding System (HCPCS) Codes Used to Define Baseline Characteristics in this Request**

<b>Code</b>	<b>Description</b>	<b>Code Category</b>	<b>Code Type</b>
I61.9	Nontraumatic intracerebral hemorrhage, unspecified	Diagnosis	ICD-10-CM
I63.00	Cerebral infarction due to thrombosis of unspecified precerebral artery	Diagnosis	ICD-10-CM
I63.011	Cerebral infarction due to thrombosis of right vertebral artery	Diagnosis	ICD-10-CM
I63.012	Cerebral infarction due to thrombosis of left vertebral artery	Diagnosis	ICD-10-CM
I63.013	Cerebral infarction due to thrombosis of bilateral vertebral arteries	Diagnosis	ICD-10-CM
I63.019	Cerebral infarction due to thrombosis of unspecified vertebral artery	Diagnosis	ICD-10-CM
I63.02	Cerebral infarction due to thrombosis of basilar artery	Diagnosis	ICD-10-CM
I63.031	Cerebral infarction due to thrombosis of right carotid artery	Diagnosis	ICD-10-CM
I63.032	Cerebral infarction due to thrombosis of left carotid artery	Diagnosis	ICD-10-CM
I63.039	Cerebral infarction due to thrombosis of unspecified carotid artery	Diagnosis	ICD-10-CM
I63.09	Cerebral infarction due to thrombosis of other precerebral artery	Diagnosis	ICD-10-CM
I63.10	Cerebral infarction due to embolism of unspecified precerebral artery	Diagnosis	ICD-10-CM
I63.111	Cerebral infarction due to embolism of right vertebral artery	Diagnosis	ICD-10-CM
I63.112	Cerebral infarction due to embolism of left vertebral artery	Diagnosis	ICD-10-CM
I63.119	Cerebral infarction due to embolism of unspecified vertebral artery	Diagnosis	ICD-10-CM
I63.12	Cerebral infarction due to embolism of basilar artery	Diagnosis	ICD-10-CM
I63.131	Cerebral infarction due to embolism of right carotid artery	Diagnosis	ICD-10-CM
I63.132	Cerebral infarction due to embolism of left carotid artery	Diagnosis	ICD-10-CM
I63.139	Cerebral infarction due to embolism of unspecified carotid artery	Diagnosis	ICD-10-CM
I63.19	Cerebral infarction due to embolism of other precerebral artery	Diagnosis	ICD-10-CM
I63.20	Cerebral infarction due to unspecified occlusion or stenosis of unspecified precerebral arteries	Diagnosis	ICD-10-CM
I63.211	Cerebral infarction due to unspecified occlusion or stenosis of right vertebral artery	Diagnosis	ICD-10-CM
I63.212	Cerebral infarction due to unspecified occlusion or stenosis of left vertebral artery	Diagnosis	ICD-10-CM
I63.213	Cerebral infarction due to unspecified occlusion or stenosis of bilateral vertebral arteries	Diagnosis	ICD-10-CM
I63.219	Cerebral infarction due to unspecified occlusion or stenosis of unspecified vertebral artery	Diagnosis	ICD-10-CM
I63.22	Cerebral infarction due to unspecified occlusion or stenosis of basilar artery	Diagnosis	ICD-10-CM
I63.231	Cerebral infarction due to unspecified occlusion or stenosis of right carotid arteries	Diagnosis	ICD-10-CM
I63.232	Cerebral infarction due to unspecified occlusion or stenosis of left carotid arteries	Diagnosis	ICD-10-CM
I63.233	Cerebral infarction due to unspecified occlusion or stenosis of bilateral carotid arteries	Diagnosis	ICD-10-CM
I63.239	Cerebral infarction due to unspecified occlusion or stenosis of unspecified carotid artery	Diagnosis	ICD-10-CM
I63.29	Cerebral infarction due to unspecified occlusion or stenosis of other precerebral arteries	Diagnosis	ICD-10-CM
I63.30	Cerebral infarction due to thrombosis of unspecified cerebral artery	Diagnosis	ICD-10-CM
I63.311	Cerebral infarction due to thrombosis of right middle cerebral artery	Diagnosis	ICD-10-CM
I63.312	Cerebral infarction due to thrombosis of left middle cerebral artery	Diagnosis	ICD-10-CM

**Appendix K. List of International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes and Healthcare Common Procedure Coding System (HCPCS) Codes Used to Define Baseline Characteristics in this Request**

<b>Code</b>	<b>Description</b>	<b>Code Category</b>	<b>Code Type</b>
I63.313	Cerebral infarction due to thrombosis of bilateral middle cerebral arteries	Diagnosis	ICD-10-CM
I63.319	Cerebral infarction due to thrombosis of unspecified middle cerebral artery	Diagnosis	ICD-10-CM
I63.321	Cerebral infarction due to thrombosis of right anterior cerebral artery	Diagnosis	ICD-10-CM
I63.322	Cerebral infarction due to thrombosis of left anterior cerebral artery	Diagnosis	ICD-10-CM
I63.323	Cerebral infarction due to thrombosis of bilateral anterior cerebral arteries	Diagnosis	ICD-10-CM
I63.329	Cerebral infarction due to thrombosis of unspecified anterior cerebral artery	Diagnosis	ICD-10-CM
I63.331	Cerebral infarction due to thrombosis of right posterior cerebral artery	Diagnosis	ICD-10-CM
I63.332	Cerebral infarction due to thrombosis of left posterior cerebral artery	Diagnosis	ICD-10-CM
I63.333	Cerebral infarction due to thrombosis of bilateral posterior cerebral arteries	Diagnosis	ICD-10-CM
I63.339	Cerebral infarction due to thrombosis of unspecified posterior cerebral artery	Diagnosis	ICD-10-CM
I63.341	Cerebral infarction due to thrombosis of right cerebellar artery	Diagnosis	ICD-10-CM
I63.342	Cerebral infarction due to thrombosis of left cerebellar artery	Diagnosis	ICD-10-CM
I63.343	Cerebral infarction due to thrombosis of bilateral cerebellar arteries	Diagnosis	ICD-10-CM
I63.349	Cerebral infarction due to thrombosis of unspecified cerebellar artery	Diagnosis	ICD-10-CM
I63.39	Cerebral infarction due to thrombosis of other cerebral artery	Diagnosis	ICD-10-CM
I63.40	Cerebral infarction due to embolism of unspecified cerebral artery	Diagnosis	ICD-10-CM
I63.411	Cerebral infarction due to embolism of right middle cerebral artery	Diagnosis	ICD-10-CM
I63.412	Cerebral infarction due to embolism of left middle cerebral artery	Diagnosis	ICD-10-CM
I63.413	Cerebral infarction due to embolism of bilateral middle cerebral arteries	Diagnosis	ICD-10-CM
I63.419	Cerebral infarction due to embolism of unspecified middle cerebral artery	Diagnosis	ICD-10-CM
I63.421	Cerebral infarction due to embolism of right anterior cerebral artery	Diagnosis	ICD-10-CM
I63.422	Cerebral infarction due to embolism of left anterior cerebral artery	Diagnosis	ICD-10-CM
I63.423	Cerebral infarction due to embolism of bilateral anterior cerebral arteries	Diagnosis	ICD-10-CM
I63.429	Cerebral infarction due to embolism of unspecified anterior cerebral artery	Diagnosis	ICD-10-CM
I63.431	Cerebral infarction due to embolism of right posterior cerebral artery	Diagnosis	ICD-10-CM
I63.432	Cerebral infarction due to embolism of left posterior cerebral artery	Diagnosis	ICD-10-CM
I63.433	Cerebral infarction due to embolism of bilateral posterior cerebral arteries	Diagnosis	ICD-10-CM
I63.439	Cerebral infarction due to embolism of unspecified posterior cerebral artery	Diagnosis	ICD-10-CM
I63.441	Cerebral infarction due to embolism of right cerebellar artery	Diagnosis	ICD-10-CM
I63.442	Cerebral infarction due to embolism of left cerebellar artery	Diagnosis	ICD-10-CM
I63.443	Cerebral infarction due to embolism of bilateral cerebellar arteries	Diagnosis	ICD-10-CM
I63.449	Cerebral infarction due to embolism of unspecified cerebellar artery	Diagnosis	ICD-10-CM
I63.49	Cerebral infarction due to embolism of other cerebral artery	Diagnosis	ICD-10-CM
I63.50	Cerebral infarction due to unspecified occlusion or stenosis of unspecified cerebral artery	Diagnosis	ICD-10-CM
I63.511	Cerebral infarction due to unspecified occlusion or stenosis of right middle cerebral artery	Diagnosis	ICD-10-CM
I63.512	Cerebral infarction due to unspecified occlusion or stenosis of left middle cerebral artery	Diagnosis	ICD-10-CM
I63.513	Cerebral infarction due to unspecified occlusion or stenosis of bilateral middle cerebral arteries	Diagnosis	ICD-10-CM
I63.519	Cerebral infarction due to unspecified occlusion or stenosis of unspecified middle cerebral artery	Diagnosis	ICD-10-CM

**Appendix K. List of International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes and Healthcare Common Procedure Coding System (HCPCS) Codes Used to Define Baseline Characteristics in this Request**

<b>Code</b>	<b>Description</b>	<b>Code Category</b>	<b>Code Type</b>
I63.521	Cerebral infarction due to unspecified occlusion or stenosis of right anterior cerebral artery	Diagnosis	ICD-10-CM
I63.522	Cerebral infarction due to unspecified occlusion or stenosis of left anterior cerebral artery	Diagnosis	ICD-10-CM
I63.523	Cerebral infarction due to unspecified occlusion or stenosis of bilateral anterior cerebral arteries	Diagnosis	ICD-10-CM
I63.529	Cerebral infarction due to unspecified occlusion or stenosis of unspecified anterior cerebral artery	Diagnosis	ICD-10-CM
I63.531	Cerebral infarction due to unspecified occlusion or stenosis of right posterior cerebral artery	Diagnosis	ICD-10-CM
I63.532	Cerebral infarction due to unspecified occlusion or stenosis of left posterior cerebral artery	Diagnosis	ICD-10-CM
I63.533	Cerebral infarction due to unspecified occlusion or stenosis of bilateral posterior cerebral arteries	Diagnosis	ICD-10-CM
I63.539	Cerebral infarction due to unspecified occlusion or stenosis of unspecified posterior cerebral artery	Diagnosis	ICD-10-CM
I63.541	Cerebral infarction due to unspecified occlusion or stenosis of right cerebellar artery	Diagnosis	ICD-10-CM
I63.542	Cerebral infarction due to unspecified occlusion or stenosis of left cerebellar artery	Diagnosis	ICD-10-CM
I63.543	Cerebral infarction due to unspecified occlusion or stenosis of bilateral cerebellar arteries	Diagnosis	ICD-10-CM
I63.549	Cerebral infarction due to unspecified occlusion or stenosis of unspecified cerebellar artery	Diagnosis	ICD-10-CM
I63.59	Cerebral infarction due to unspecified occlusion or stenosis of other cerebral artery	Diagnosis	ICD-10-CM
I63.6	Cerebral infarction due to cerebral venous thrombosis, nonpyogenic	Diagnosis	ICD-10-CM
I63.8	Other cerebral infarction	Diagnosis	ICD-10-CM
I63.9	Cerebral infarction, unspecified	Diagnosis	ICD-10-CM
I66.01	Occlusion and stenosis of right middle cerebral artery	Diagnosis	ICD-10-CM
I66.02	Occlusion and stenosis of left middle cerebral artery	Diagnosis	ICD-10-CM
I66.03	Occlusion and stenosis of bilateral middle cerebral arteries	Diagnosis	ICD-10-CM
I66.09	Occlusion and stenosis of unspecified middle cerebral artery	Diagnosis	ICD-10-CM
I66.11	Occlusion and stenosis of right anterior cerebral artery	Diagnosis	ICD-10-CM
I66.12	Occlusion and stenosis of left anterior cerebral artery	Diagnosis	ICD-10-CM
I66.13	Occlusion and stenosis of bilateral anterior cerebral arteries	Diagnosis	ICD-10-CM
I66.19	Occlusion and stenosis of unspecified anterior cerebral artery	Diagnosis	ICD-10-CM
I66.21	Occlusion and stenosis of right posterior cerebral artery	Diagnosis	ICD-10-CM
I66.22	Occlusion and stenosis of left posterior cerebral artery	Diagnosis	ICD-10-CM
I66.23	Occlusion and stenosis of bilateral posterior cerebral arteries	Diagnosis	ICD-10-CM
I66.29	Occlusion and stenosis of unspecified posterior cerebral artery	Diagnosis	ICD-10-CM
I66.3	Occlusion and stenosis of cerebellar arteries	Diagnosis	ICD-10-CM
I66.8	Occlusion and stenosis of other cerebral arteries	Diagnosis	ICD-10-CM
I66.9	Occlusion and stenosis of unspecified cerebral artery	Diagnosis	ICD-10-CM



**Appendix K. List of International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes and Healthcare Common Procedure Coding System (HCPCS) Codes Used to Define Baseline Characteristics in this Request**

Code	Description	Code Category	Code Type
I67.841	Reversible cerebrovascular vasoconstriction syndrome	Diagnosis	ICD-10-CM
I67.848	Other cerebrovascular vasospasm and vasoconstriction	Diagnosis	ICD-10-CM
I67.89	Other cerebrovascular disease	Diagnosis	ICD-10-CM
I97.810	Intraoperative cerebrovascular infarction during cardiac surgery	Diagnosis	ICD-10-CM
I97.811	Intraoperative cerebrovascular infarction during other surgery	Diagnosis	ICD-10-CM
I97.820	Postprocedural cerebrovascular infarction following cardiac surgery	Diagnosis	ICD-10-CM
I97.821	Postprocedural cerebrovascular infarction following other surgery	Diagnosis	ICD-10-CM
G45.3	Amaurosis fugax	Diagnosis	ICD-10-CM
I62.00	Nontraumatic subdural hemorrhage, unspecified	Diagnosis	ICD-10-CM
I62.01	Nontraumatic acute subdural hemorrhage	Diagnosis	ICD-10-CM
I62.02	Nontraumatic subacute subdural hemorrhage	Diagnosis	ICD-10-CM
I62.9	Nontraumatic intracranial hemorrhage, unspecified	Diagnosis	ICD-10-CM
I63.033	Cerebral infarction due to thrombosis of bilateral carotid arteries	Diagnosis	ICD-10-CM
I63.113	Cerebral infarction due to embolism of bilateral vertebral arteries	Diagnosis	ICD-10-CM
I63.133	Cerebral infarction due to embolism of bilateral carotid arteries	Diagnosis	ICD-10-CM
I63.81	Other cerebral infarction due to occlusion or stenosis of small artery	Diagnosis	ICD-10-CM
I63.89	Other cerebral infarction	Diagnosis	ICD-10-CM
<b>Stroke/Transient Ischemic Attack - Exclusion</b>			
S01.90XA	Unspecified open wound of unspecified part of head, initial encounter	Diagnosis	ICD-10-CM
S02.0XXA	Fracture of vault of skull, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S02.0XXB	Fracture of vault of skull, initial encounter for open fracture	Diagnosis	ICD-10-CM
S02.101A	Fracture of base of skull, right side, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S02.101B	Fracture of base of skull, right side, initial encounter for open fracture	Diagnosis	ICD-10-CM
S02.102A	Fracture of base of skull, left side, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S02.102B	Fracture of base of skull, left side, initial encounter for open fracture	Diagnosis	ICD-10-CM
S02.109A	Fracture of base of skull, unspecified side, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S02.109B	Fracture of base of skull, unspecified side, initial encounter for open fracture	Diagnosis	ICD-10-CM
S02.10XA	Unspecified fracture of base of skull, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S02.10XB	Unspecified fracture of base of skull, initial encounter for open fracture	Diagnosis	ICD-10-CM
S02.110A	Type I occipital condyle fracture, unspecified side, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S02.110B	Type I occipital condyle fracture, unspecified side, initial encounter for open fracture	Diagnosis	ICD-10-CM
S02.111A	Type II occipital condyle fracture, unspecified side, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S02.111B	Type II occipital condyle fracture, unspecified side, initial encounter for open fracture	Diagnosis	ICD-10-CM
S02.112A	Type III occipital condyle fracture, unspecified side, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S02.112B	Type III occipital condyle fracture, unspecified side, initial encounter for open fracture	Diagnosis	ICD-10-CM
S02.113A	Unspecified occipital condyle fracture, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S02.113B	Unspecified occipital condyle fracture, initial encounter for open fracture	Diagnosis	ICD-10-CM
S02.118A	Other fracture of occiput, unspecified side, initial encounter for closed fracture	Diagnosis	ICD-10-CM



**Appendix K. List of International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes and Healthcare Common Procedure Coding System (HCPCS) Codes Used to Define Baseline Characteristics in this Request**

<b>Code</b>	<b>Description</b>	<b>Code Category</b>	<b>Code Type</b>
S02.118B	Other fracture of occiput, unspecified side, initial encounter for open fracture	Diagnosis	ICD-10-CM
S02.119A	Unspecified fracture of occiput, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S02.119B	Unspecified fracture of occiput, initial encounter for open fracture	Diagnosis	ICD-10-CM
S02.11GA	Other fracture of occiput, right side, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S02.11GB	Other fracture of occiput, right side, initial encounter for open fracture	Diagnosis	ICD-10-CM
S02.11HA	Other fracture of occiput, left side, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S02.11HB	Other fracture of occiput, left side, initial encounter for open fracture	Diagnosis	ICD-10-CM
S02.19XA	Other fracture of base of skull, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S02.19XB	Other fracture of base of skull, initial encounter for open fracture	Diagnosis	ICD-10-CM
S02.2XXA	Fracture of nasal bones, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S02.2XXB	Fracture of nasal bones, initial encounter for open fracture	Diagnosis	ICD-10-CM
S02.30XA	Fracture of orbital floor, unspecified side, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S02.30XB	Fracture of orbital floor, unspecified side, initial encounter for open fracture	Diagnosis	ICD-10-CM
S02.31XA	Fracture of orbital floor, right side, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S02.31XB	Fracture of orbital floor, right side, initial encounter for open fracture	Diagnosis	ICD-10-CM
S02.32XA	Fracture of orbital floor, left side, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S02.32XB	Fracture of orbital floor, left side, initial encounter for open fracture	Diagnosis	ICD-10-CM
S02.3XXA	Fracture of orbital floor, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S02.3XXB	Fracture of orbital floor, initial encounter for open fracture	Diagnosis	ICD-10-CM
S02.400A	Malar fracture, unspecified side, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S02.400B	Malar fracture, unspecified side, initial encounter for open fracture	Diagnosis	ICD-10-CM
S02.401A	Maxillary fracture, unspecified side, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S02.401B	Maxillary fracture, unspecified side, initial encounter for open fracture	Diagnosis	ICD-10-CM
S02.402A	Zygomatic fracture, unspecified side, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S02.402B	Zygomatic fracture, unspecified side, initial encounter for open fracture	Diagnosis	ICD-10-CM
S02.40AA	Malar fracture, right side, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S02.40AB	Malar fracture, right side, initial encounter for open fracture	Diagnosis	ICD-10-CM
S02.40BA	Malar fracture, left side, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S02.40BB	Malar fracture, left side, initial encounter for open fracture	Diagnosis	ICD-10-CM
S02.40CA	Maxillary fracture, right side, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S02.40CB	Maxillary fracture, right side, initial encounter for open fracture	Diagnosis	ICD-10-CM
S02.40DA	Maxillary fracture, left side, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S02.40DB	Maxillary fracture, left side, initial encounter for open fracture	Diagnosis	ICD-10-CM
S02.40EA	Zygomatic fracture, right side, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S02.40EB	Zygomatic fracture, right side, initial encounter for open fracture	Diagnosis	ICD-10-CM
S02.40FA	Zygomatic fracture, left side, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S02.40FB	Zygomatic fracture, left side, initial encounter for open fracture	Diagnosis	ICD-10-CM
S02.411A	LeFort I fracture, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S02.411B	LeFort I fracture, initial encounter for open fracture	Diagnosis	ICD-10-CM
S02.412A	LeFort II fracture, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S02.412B	LeFort II fracture, initial encounter for open fracture	Diagnosis	ICD-10-CM
S02.413A	LeFort III fracture, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S02.413B	LeFort III fracture, initial encounter for open fracture	Diagnosis	ICD-10-CM
S02.42XA	Fracture of alveolus of maxilla, initial encounter for closed fracture	Diagnosis	ICD-10-CM

**Appendix K. List of International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes and Healthcare Common Procedure Coding System (HCPCS) Codes Used to Define Baseline Characteristics in this Request**

<b>Code</b>	<b>Description</b>	<b>Code Category</b>	<b>Code Type</b>
S02.42XB	Fracture of alveolus of maxilla, initial encounter for open fracture	Diagnosis	ICD-10-CM
S02.600A	Fracture of unspecified part of body of mandible, unspecified side, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S02.600B	Fracture of unspecified part of body of mandible, unspecified side, initial encounter for open fracture	Diagnosis	ICD-10-CM
S02.601A	Fracture of unspecified part of body of right mandible, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S02.601B	Fracture of unspecified part of body of right mandible, initial encounter for open fracture	Diagnosis	ICD-10-CM
S02.602A	Fracture of unspecified part of body of left mandible, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S02.602B	Fracture of unspecified part of body of left mandible, initial encounter for open fracture	Diagnosis	ICD-10-CM
S02.609A	Fracture of mandible, unspecified, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S02.609B	Fracture of mandible, unspecified, initial encounter for open fracture	Diagnosis	ICD-10-CM
S02.610A	Fracture of condylar process of mandible, unspecified side, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S02.610B	Fracture of condylar process of mandible, unspecified side, initial encounter for open fracture	Diagnosis	ICD-10-CM
S02.611A	Fracture of condylar process of right mandible, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S02.611B	Fracture of condylar process of right mandible, initial encounter for open fracture	Diagnosis	ICD-10-CM
S02.612A	Fracture of condylar process of left mandible, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S02.612B	Fracture of condylar process of left mandible, initial encounter for open fracture	Diagnosis	ICD-10-CM
S02.61XA	Fracture of condylar process of mandible, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S02.61XB	Fracture of condylar process of mandible, initial encounter for open fracture	Diagnosis	ICD-10-CM
S02.620A	Fracture of subcondylar process of mandible, unspecified side, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S02.620B	Fracture of subcondylar process of mandible, unspecified side, initial encounter for open fracture	Diagnosis	ICD-10-CM
S02.621A	Fracture of subcondylar process of right mandible, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S02.621B	Fracture of subcondylar process of right mandible, initial encounter for open fracture	Diagnosis	ICD-10-CM
S02.622A	Fracture of subcondylar process of left mandible, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S02.622B	Fracture of subcondylar process of left mandible, initial encounter for open fracture	Diagnosis	ICD-10-CM
S02.62XA	Fracture of subcondylar process of mandible, initial encounter for closed fracture	Diagnosis	ICD-10-CM

**Appendix K. List of International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes and Healthcare Common Procedure Coding System (HCPCS) Codes Used to Define Baseline Characteristics in this Request**

<b>Code</b>	<b>Description</b>	<b>Code Category</b>	<b>Code Type</b>
S02.62XB	Fracture of subcondylar process of mandible, initial encounter for open fracture	Diagnosis	ICD-10-CM
S02.630A	Fracture of coronoid process of mandible, unspecified side, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S02.630B	Fracture of coronoid process of mandible, unspecified side, initial encounter for open fracture	Diagnosis	ICD-10-CM
S02.631A	Fracture of coronoid process of right mandible, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S02.631B	Fracture of coronoid process of right mandible, initial encounter for open fracture	Diagnosis	ICD-10-CM
S02.632A	Fracture of coronoid process of left mandible, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S02.632B	Fracture of coronoid process of left mandible, initial encounter for open fracture	Diagnosis	ICD-10-CM
S02.63XA	Fracture of coronoid process of mandible, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S02.63XB	Fracture of coronoid process of mandible, initial encounter for open fracture	Diagnosis	ICD-10-CM
S02.640A	Fracture of ramus of mandible, unspecified side, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S02.640B	Fracture of ramus of mandible, unspecified side, initial encounter for open fracture	Diagnosis	ICD-10-CM
S02.641A	Fracture of ramus of right mandible, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S02.641B	Fracture of ramus of right mandible, initial encounter for open fracture	Diagnosis	ICD-10-CM
S02.642A	Fracture of ramus of left mandible, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S02.642B	Fracture of ramus of left mandible, initial encounter for open fracture	Diagnosis	ICD-10-CM
S02.64XA	Fracture of ramus of mandible, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S02.64XB	Fracture of ramus of mandible, initial encounter for open fracture	Diagnosis	ICD-10-CM
S02.650A	Fracture of angle of mandible, unspecified side, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S02.650B	Fracture of angle of mandible, unspecified side, initial encounter for open fracture	Diagnosis	ICD-10-CM
S02.651A	Fracture of angle of right mandible, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S02.651B	Fracture of angle of right mandible, initial encounter for open fracture	Diagnosis	ICD-10-CM
S02.652A	Fracture of angle of left mandible, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S02.652B	Fracture of angle of left mandible, initial encounter for open fracture	Diagnosis	ICD-10-CM
S02.65XA	Fracture of angle of mandible, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S02.65XB	Fracture of angle of mandible, initial encounter for open fracture	Diagnosis	ICD-10-CM
S02.66XA	Fracture of symphysis of mandible, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S02.66XB	Fracture of symphysis of mandible, initial encounter for open fracture	Diagnosis	ICD-10-CM
S02.670A	Fracture of alveolus of mandible, unspecified side, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S02.670B	Fracture of alveolus of mandible, unspecified side, initial encounter for open fracture	Diagnosis	ICD-10-CM
S02.671A	Fracture of alveolus of right mandible, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S02.671B	Fracture of alveolus of right mandible, initial encounter for open fracture	Diagnosis	ICD-10-CM

**Appendix K. List of International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes and Healthcare Common Procedure Coding System (HCPCS) Codes Used to Define Baseline Characteristics in this Request**

<b>Code</b>	<b>Description</b>	<b>Code Category</b>	<b>Code Type</b>
S02.672A	Fracture of alveolus of left mandible, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S02.672B	Fracture of alveolus of left mandible, initial encounter for open fracture	Diagnosis	ICD-10-CM
S02.67XA	Fracture of alveolus of mandible, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S02.67XB	Fracture of alveolus of mandible, initial encounter for open fracture	Diagnosis	ICD-10-CM
S02.69XA	Fracture of mandible of other specified site, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S02.69XB	Fracture of mandible of other specified site, initial encounter for open fracture	Diagnosis	ICD-10-CM
S02.80XA	Fracture of other specified skull and facial bones, unspecified side, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S02.80XB	Fracture of other specified skull and facial bones, unspecified side, initial encounter for open fracture	Diagnosis	ICD-10-CM
S02.81XA	Fracture of other specified skull and facial bones, right side, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S02.81XB	Fracture of other specified skull and facial bones, right side, initial encounter for open fracture	Diagnosis	ICD-10-CM
S02.82XA	Fracture of other specified skull and facial bones, left side, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S02.82XB	Fracture of other specified skull and facial bones, left side, initial encounter for open fracture	Diagnosis	ICD-10-CM
S02.8XXA	Fractures of other specified skull and facial bones, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S02.8XXB	Fractures of other specified skull and facial bones, initial encounter for open fracture	Diagnosis	ICD-10-CM
S02.91XA	Unspecified fracture of skull, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S02.91XB	Unspecified fracture of skull, initial encounter for open fracture	Diagnosis	ICD-10-CM
S02.92XA	Unspecified fracture of facial bones, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S02.92XB	Unspecified fracture of facial bones, initial encounter for open fracture	Diagnosis	ICD-10-CM
S06.0X0A	Concussion without loss of consciousness, initial encounter	Diagnosis	ICD-10-CM
S06.0X1A	Concussion with loss of consciousness of 30 minutes or less, initial encounter	Diagnosis	ICD-10-CM
S06.0X2A	Concussion with loss of consciousness of 31 minutes to 59 minutes, initial encounter	Diagnosis	ICD-10-CM
S06.0X3A	Concussion with loss of consciousness of 1 hour to 5 hours 59 minutes, initial encounter	Diagnosis	ICD-10-CM
S06.0X4A	Concussion with loss of consciousness of 6 hours to 24 hours, initial encounter	Diagnosis	ICD-10-CM
S06.0X5A	Concussion with loss of consciousness greater than 24 hours with return to pre-existing conscious level, initial encounter	Diagnosis	ICD-10-CM
S06.0X6A	Concussion with loss of consciousness greater than 24 hours without return to pre-existing conscious level with patient surviving, initial encounter	Diagnosis	ICD-10-CM
S06.0X7A	Concussion with loss of consciousness of any duration with death due to brain injury prior to regaining consciousness, initial encounter	Diagnosis	ICD-10-CM
S06.0X8A	Concussion with loss of consciousness of any duration with death due to other cause prior to regaining consciousness, initial encounter	Diagnosis	ICD-10-CM

**Appendix K. List of International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes and Healthcare Common Procedure Coding System (HCPCS) Codes Used to Define Baseline Characteristics in this Request**

<b>Code</b>	<b>Description</b>	<b>Code Category</b>	<b>Code Type</b>
S06.0X9A	Concussion with loss of consciousness of unspecified duration, initial encounter	Diagnosis	ICD-10-CM
S06.1X0A	Traumatic cerebral edema without loss of consciousness, initial encounter	Diagnosis	ICD-10-CM
S06.1X1A	Traumatic cerebral edema with loss of consciousness of 30 minutes or less, initial encounter	Diagnosis	ICD-10-CM
S06.1X2A	Traumatic cerebral edema with loss of consciousness of 31 minutes to 59 minutes, initial encounter	Diagnosis	ICD-10-CM
S06.1X3A	Traumatic cerebral edema with loss of consciousness of 1 hour to 5 hours 59 minutes, initial encounter	Diagnosis	ICD-10-CM
S06.1X4A	Traumatic cerebral edema with loss of consciousness of 6 hours to 24 hours, initial encounter	Diagnosis	ICD-10-CM
S06.1X5A	Traumatic cerebral edema with loss of consciousness greater than 24 hours with return to pre-existing conscious level, initial encounter	Diagnosis	ICD-10-CM
S06.1X6A	Traumatic cerebral edema with loss of consciousness greater than 24 hours without return to pre-existing conscious level with patient surviving, initial encounter	Diagnosis	ICD-10-CM
S06.1X7A	Traumatic cerebral edema with loss of consciousness of any duration with death due to brain injury prior to regaining consciousness, initial encounter	Diagnosis	ICD-10-CM
S06.1X8A	Traumatic cerebral edema with loss of consciousness of any duration with death due to other cause prior to regaining consciousness, initial encounter	Diagnosis	ICD-10-CM
S06.1X9A	Traumatic cerebral edema with loss of consciousness of unspecified duration, initial encounter	Diagnosis	ICD-10-CM
S06.2X0A	Diffuse traumatic brain injury without loss of consciousness, initial encounter	Diagnosis	ICD-10-CM
S06.2X1A	Diffuse traumatic brain injury with loss of consciousness of 30 minutes or less, initial encounter	Diagnosis	ICD-10-CM
S06.2X2A	Diffuse traumatic brain injury with loss of consciousness of 31 minutes to 59 minutes, initial encounter	Diagnosis	ICD-10-CM
S06.2X3A	Diffuse traumatic brain injury with loss of consciousness of 1 hour to 5 hours 59 minutes, initial encounter	Diagnosis	ICD-10-CM
S06.2X4A	Diffuse traumatic brain injury with loss of consciousness of 6 hours to 24 hours, initial encounter	Diagnosis	ICD-10-CM
S06.2X5A	Diffuse traumatic brain injury with loss of consciousness greater than 24 hours with return to pre-existing conscious levels, initial encounter	Diagnosis	ICD-10-CM
S06.2X6A	Diffuse traumatic brain injury with loss of consciousness greater than 24 hours without return to pre-existing conscious level with patient surviving, initial encounter	Diagnosis	ICD-10-CM
S06.2X7A	Diffuse traumatic brain injury with loss of consciousness of any duration with death due to brain injury prior to regaining consciousness, initial encounter	Diagnosis	ICD-10-CM
S06.2X8A	Diffuse traumatic brain injury with loss of consciousness of any duration with death due to other cause prior to regaining consciousness, initial encounter	Diagnosis	ICD-10-CM
S06.2X9A	Diffuse traumatic brain injury with loss of consciousness of unspecified duration, initial encounter	Diagnosis	ICD-10-CM
S06.300A	Unspecified focal traumatic brain injury without loss of consciousness, initial encounter	Diagnosis	ICD-10-CM

**Appendix K. List of International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes and Healthcare Common Procedure Coding System (HCPCS) Codes Used to Define Baseline Characteristics in this Request**

<b>Code</b>	<b>Description</b>	<b>Code Category</b>	<b>Code Type</b>
S06.301A	Unspecified focal traumatic brain injury with loss of consciousness of 30 minutes or less, initial encounter	Diagnosis	ICD-10-CM
S06.302A	Unspecified focal traumatic brain injury with loss of consciousness of 31 minutes to 59 minutes, initial encounter	Diagnosis	ICD-10-CM
S06.303A	Unspecified focal traumatic brain injury with loss of consciousness of 1 hour to 5 hours 59 minutes, initial encounter	Diagnosis	ICD-10-CM
S06.304A	Unspecified focal traumatic brain injury with loss of consciousness of 6 hours to 24 hours, initial encounter	Diagnosis	ICD-10-CM
S06.305A	Unspecified focal traumatic brain injury with loss of consciousness greater than 24 hours with return to pre-existing conscious level, initial encounter	Diagnosis	ICD-10-CM
S06.306A	Unspecified focal traumatic brain injury with loss of consciousness greater than 24 hours without return to pre-existing conscious level with patient surviving, initial encounter	Diagnosis	ICD-10-CM
S06.307A	Unspecified focal traumatic brain injury with loss of consciousness of any duration with death due to brain injury prior to regaining consciousness, initial encounter	Diagnosis	ICD-10-CM
S06.308A	Unspecified focal traumatic brain injury with loss of consciousness of any duration with death due to other cause prior to regaining consciousness, initial encounter	Diagnosis	ICD-10-CM
S06.309A	Unspecified focal traumatic brain injury with loss of consciousness of unspecified duration, initial encounter	Diagnosis	ICD-10-CM
S06.310A	Contusion and laceration of right cerebrum without loss of consciousness, initial encounter	Diagnosis	ICD-10-CM
S06.311A	Contusion and laceration of right cerebrum with loss of consciousness of 30 minutes or less, initial encounter	Diagnosis	ICD-10-CM
S06.312A	Contusion and laceration of right cerebrum with loss of consciousness of 31 minutes to 59 minutes, initial encounter	Diagnosis	ICD-10-CM
S06.313A	Contusion and laceration of right cerebrum with loss of consciousness of 1 hour to 5 hours 59 minutes, initial encounter	Diagnosis	ICD-10-CM
S06.314A	Contusion and laceration of right cerebrum with loss of consciousness of 6 hours to 24 hours, initial encounter	Diagnosis	ICD-10-CM
S06.315A	Contusion and laceration of right cerebrum with loss of consciousness greater than 24 hours with return to pre-existing conscious level, initial encounter	Diagnosis	ICD-10-CM
S06.316A	Contusion and laceration of right cerebrum with loss of consciousness greater than 24 hours without return to pre-existing conscious level with patient surviving, initial encounter	Diagnosis	ICD-10-CM
S06.317A	Contusion and laceration of right cerebrum with loss of consciousness of any duration with death due to brain injury prior to regaining consciousness, initial encounter	Diagnosis	ICD-10-CM
S06.318A	Contusion and laceration of right cerebrum with loss of consciousness of any duration with death due to other cause prior to regaining consciousness, initial encounter	Diagnosis	ICD-10-CM
S06.319A	Contusion and laceration of right cerebrum with loss of consciousness of unspecified duration, initial encounter	Diagnosis	ICD-10-CM



**Appendix K. List of International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes and Healthcare Common Procedure Coding System (HCPCS) Codes Used to Define Baseline Characteristics in this Request**

<b>Code</b>	<b>Description</b>	<b>Code Category</b>	<b>Code Type</b>
S06.320A	Contusion and laceration of left cerebrum without loss of consciousness, initial encounter	Diagnosis	ICD-10-CM
S06.321A	Contusion and laceration of left cerebrum with loss of consciousness of 30 minutes or less, initial encounter	Diagnosis	ICD-10-CM
S06.322A	Contusion and laceration of left cerebrum with loss of consciousness of 31 minutes to 59 minutes, initial encounter	Diagnosis	ICD-10-CM
S06.323A	Contusion and laceration of left cerebrum with loss of consciousness of 1 hour to 5 hours 59 minutes, initial encounter	Diagnosis	ICD-10-CM
S06.324A	Contusion and laceration of left cerebrum with loss of consciousness of 6 hours to 24 hours, initial encounter	Diagnosis	ICD-10-CM
S06.325A	Contusion and laceration of left cerebrum with loss of consciousness greater than 24 hours with return to pre-existing conscious level, initial encounter	Diagnosis	ICD-10-CM
S06.326A	Contusion and laceration of left cerebrum with loss of consciousness greater than 24 hours without return to pre-existing conscious level with patient surviving, initial encounter	Diagnosis	ICD-10-CM
S06.327A	Contusion and laceration of left cerebrum with loss of consciousness of any duration with death due to brain injury prior to regaining consciousness, initial encounter	Diagnosis	ICD-10-CM
S06.328A	Contusion and laceration of left cerebrum with loss of consciousness of any duration with death due to other cause prior to regaining consciousness, initial encounter	Diagnosis	ICD-10-CM
S06.329A	Contusion and laceration of left cerebrum with loss of consciousness of unspecified duration, initial encounter	Diagnosis	ICD-10-CM
S06.330A	Contusion and laceration of cerebrum, unspecified, without loss of consciousness, initial encounter	Diagnosis	ICD-10-CM
S06.331A	Contusion and laceration of cerebrum, unspecified, with loss of consciousness of 30 minutes or less, initial encounter	Diagnosis	ICD-10-CM
S06.332A	Contusion and laceration of cerebrum, unspecified, with loss of consciousness of 31 minutes to 59 minutes, initial encounter	Diagnosis	ICD-10-CM
S06.333A	Contusion and laceration of cerebrum, unspecified, with loss of consciousness of 1 hour to 5 hours 59 minutes, initial encounter	Diagnosis	ICD-10-CM
S06.334A	Contusion and laceration of cerebrum, unspecified, with loss of consciousness of 6 hours to 24 hours, initial encounter	Diagnosis	ICD-10-CM
S06.335A	Contusion and laceration of cerebrum, unspecified, with loss of consciousness greater than 24 hours with return to pre-existing conscious level, initial encounter	Diagnosis	ICD-10-CM
S06.336A	Contusion and laceration of cerebrum, unspecified, with loss of consciousness greater than 24 hours without return to pre-existing conscious level with patient surviving, initial encounter	Diagnosis	ICD-10-CM
S06.337A	Contusion and laceration of cerebrum, unspecified, with loss of consciousness of any duration with death due to brain injury prior to regaining consciousness, initial encounter	Diagnosis	ICD-10-CM



**Appendix K. List of International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes and Healthcare Common Procedure Coding System (HCPCS) Codes Used to Define Baseline Characteristics in this Request**

<b>Code</b>	<b>Description</b>	<b>Code Category</b>	<b>Code Type</b>
S06.338A	Contusion and laceration of cerebrum, unspecified, with loss of consciousness of any duration with death due to other cause prior to regaining consciousness, initial encounter	Diagnosis	ICD-10-CM
S06.339A	Contusion and laceration of cerebrum, unspecified, with loss of consciousness of unspecified duration, initial encounter	Diagnosis	ICD-10-CM
S06.340A	Traumatic hemorrhage of right cerebrum without loss of consciousness, initial encounter	Diagnosis	ICD-10-CM
S06.341A	Traumatic hemorrhage of right cerebrum with loss of consciousness of 30 minutes or less, initial encounter	Diagnosis	ICD-10-CM
S06.342A	Traumatic hemorrhage of right cerebrum with loss of consciousness of 31 minutes to 59 minutes, initial encounter	Diagnosis	ICD-10-CM
S06.343A	Traumatic hemorrhage of right cerebrum with loss of consciousness of 1 hours to 5 hours 59 minutes, initial encounter	Diagnosis	ICD-10-CM
S06.344A	Traumatic hemorrhage of right cerebrum with loss of consciousness of 6 hours to 24 hours, initial encounter	Diagnosis	ICD-10-CM
S06.345A	Traumatic hemorrhage of right cerebrum with loss of consciousness greater than 24 hours with return to pre-existing conscious level, initial encounter	Diagnosis	ICD-10-CM
S06.346A	Traumatic hemorrhage of right cerebrum with loss of consciousness greater than 24 hours without return to pre-existing conscious level with patient surviving, initial encounter	Diagnosis	ICD-10-CM
S06.347A	Traumatic hemorrhage of right cerebrum with loss of consciousness of any duration with death due to brain injury prior to regaining consciousness, initial encounter	Diagnosis	ICD-10-CM
S06.348A	Traumatic hemorrhage of right cerebrum with loss of consciousness of any duration with death due to other cause prior to regaining consciousness, initial encounter	Diagnosis	ICD-10-CM
S06.349A	Traumatic hemorrhage of right cerebrum with loss of consciousness of unspecified duration, initial encounter	Diagnosis	ICD-10-CM
S06.350A	Traumatic hemorrhage of left cerebrum without loss of consciousness, initial encounter	Diagnosis	ICD-10-CM
S06.351A	Traumatic hemorrhage of left cerebrum with loss of consciousness of 30 minutes or less, initial encounter	Diagnosis	ICD-10-CM
S06.352A	Traumatic hemorrhage of left cerebrum with loss of consciousness of 31 minutes to 59 minutes, initial encounter	Diagnosis	ICD-10-CM
S06.353A	Traumatic hemorrhage of left cerebrum with loss of consciousness of 1 hours to 5 hours 59 minutes, initial encounter	Diagnosis	ICD-10-CM
S06.354A	Traumatic hemorrhage of left cerebrum with loss of consciousness of 6 hours to 24 hours, initial encounter	Diagnosis	ICD-10-CM
S06.355A	Traumatic hemorrhage of left cerebrum with loss of consciousness greater than 24 hours with return to pre-existing conscious level, initial encounter	Diagnosis	ICD-10-CM
S06.356A	Traumatic hemorrhage of left cerebrum with loss of consciousness greater than 24 hours without return to pre-existing conscious level with patient surviving, initial encounter	Diagnosis	ICD-10-CM

**Appendix K. List of International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes and Healthcare Common Procedure Coding System (HCPCS) Codes Used to Define Baseline Characteristics in this Request**

<b>Code</b>	<b>Description</b>	<b>Code Category</b>	<b>Code Type</b>
S06.357A	Traumatic hemorrhage of left cerebrum with loss of consciousness of any duration with death due to brain injury prior to regaining consciousness, initial encounter	Diagnosis	ICD-10-CM
S06.358A	Traumatic hemorrhage of left cerebrum with loss of consciousness of any duration with death due to other cause prior to regaining consciousness, initial encounter	Diagnosis	ICD-10-CM
S06.359A	Traumatic hemorrhage of left cerebrum with loss of consciousness of unspecified duration, initial encounter	Diagnosis	ICD-10-CM
S06.360A	Traumatic hemorrhage of cerebrum, unspecified, without loss of consciousness, initial encounter	Diagnosis	ICD-10-CM
S06.361A	Traumatic hemorrhage of cerebrum, unspecified, with loss of consciousness of 30 minutes or less, initial encounter	Diagnosis	ICD-10-CM
S06.362A	Traumatic hemorrhage of cerebrum, unspecified, with loss of consciousness of 31 minutes to 59 minutes, initial encounter	Diagnosis	ICD-10-CM
S06.363A	Traumatic hemorrhage of cerebrum, unspecified, with loss of consciousness of 1 hours to 5 hours 59 minutes, initial encounter	Diagnosis	ICD-10-CM
S06.364A	Traumatic hemorrhage of cerebrum, unspecified, with loss of consciousness of 6 hours to 24 hours, initial encounter	Diagnosis	ICD-10-CM
S06.365A	Traumatic hemorrhage of cerebrum, unspecified, with loss of consciousness greater than 24 hours with return to pre-existing conscious level, initial encounter	Diagnosis	ICD-10-CM
S06.366A	Traumatic hemorrhage of cerebrum, unspecified, with loss of consciousness greater than 24 hours without return to pre-existing conscious level with patient surviving, initial encounter	Diagnosis	ICD-10-CM
S06.367A	Traumatic hemorrhage of cerebrum, unspecified, with loss of consciousness of any duration with death due to brain injury prior to regaining consciousness, initial encounter	Diagnosis	ICD-10-CM
S06.368A	Traumatic hemorrhage of cerebrum, unspecified, with loss of consciousness of any duration with death due to other cause prior to regaining consciousness, initial encounter	Diagnosis	ICD-10-CM
S06.369A	Traumatic hemorrhage of cerebrum, unspecified, with loss of consciousness of unspecified duration, initial encounter	Diagnosis	ICD-10-CM
S06.370A	Contusion, laceration, and hemorrhage of cerebellum without loss of consciousness, initial encounter	Diagnosis	ICD-10-CM
S06.371A	Contusion, laceration, and hemorrhage of cerebellum with loss of consciousness of 30 minutes or less, initial encounter	Diagnosis	ICD-10-CM
S06.372A	Contusion, laceration, and hemorrhage of cerebellum with loss of consciousness of 31 minutes to 59 minutes, initial encounter	Diagnosis	ICD-10-CM
S06.373A	Contusion, laceration, and hemorrhage of cerebellum with loss of consciousness of 1 hour to 5 hours 59 minutes, initial encounter	Diagnosis	ICD-10-CM
S06.374A	Contusion, laceration, and hemorrhage of cerebellum with loss of consciousness of 6 hours to 24 hours, initial encounter	Diagnosis	ICD-10-CM

**Appendix K. List of International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes and Healthcare Common Procedure Coding System (HCPCS) Codes Used to Define Baseline Characteristics in this Request**

<b>Code</b>	<b>Description</b>	<b>Code Category</b>	<b>Code Type</b>
S06.375A	Contusion, laceration, and hemorrhage of cerebellum with loss of consciousness greater than 24 hours with return to pre-existing conscious level, initial encounter	Diagnosis	ICD-10-CM
S06.376A	Contusion, laceration, and hemorrhage of cerebellum with loss of consciousness greater than 24 hours without return to pre-existing conscious level with patient surviving, initial encounter	Diagnosis	ICD-10-CM
S06.377A	Contusion, laceration, and hemorrhage of cerebellum with loss of consciousness of any duration with death due to brain injury prior to regaining consciousness, initial encounter	Diagnosis	ICD-10-CM
S06.378A	Contusion, laceration, and hemorrhage of cerebellum with loss of consciousness of any duration with death due to other cause prior to regaining consciousness, initial encounter	Diagnosis	ICD-10-CM
S06.379A	Contusion, laceration, and hemorrhage of cerebellum with loss of consciousness of unspecified duration, initial encounter	Diagnosis	ICD-10-CM
S06.380A	Contusion, laceration, and hemorrhage of brainstem without loss of consciousness, initial encounter	Diagnosis	ICD-10-CM
S06.381A	Contusion, laceration, and hemorrhage of brainstem with loss of consciousness of 30 minutes or less, initial encounter	Diagnosis	ICD-10-CM
S06.382A	Contusion, laceration, and hemorrhage of brainstem with loss of consciousness of 31 minutes to 59 minutes, initial encounter	Diagnosis	ICD-10-CM
S06.383A	Contusion, laceration, and hemorrhage of brainstem with loss of consciousness of 1 hour to 5 hours 59 minutes, initial encounter	Diagnosis	ICD-10-CM
S06.384A	Contusion, laceration, and hemorrhage of brainstem with loss of consciousness of 6 hours to 24 hours, initial encounter	Diagnosis	ICD-10-CM
S06.385A	Contusion, laceration, and hemorrhage of brainstem with loss of consciousness greater than 24 hours with return to pre-existing conscious level, initial encounter	Diagnosis	ICD-10-CM
S06.386A	Contusion, laceration, and hemorrhage of brainstem with loss of consciousness greater than 24 hours without return to pre-existing conscious level with patient surviving, initial encounter	Diagnosis	ICD-10-CM
S06.387A	Contusion, laceration, and hemorrhage of brainstem with loss of consciousness of any duration with death due to brain injury prior to regaining consciousness, initial encounter	Diagnosis	ICD-10-CM
S06.388A	Contusion, laceration, and hemorrhage of brainstem with loss of consciousness of any duration with death due to other cause prior to regaining consciousness, initial encounter	Diagnosis	ICD-10-CM
S06.389A	Contusion, laceration, and hemorrhage of brainstem with loss of consciousness of unspecified duration, initial encounter	Diagnosis	ICD-10-CM
S06.4X0A	Epidural hemorrhage without loss of consciousness, initial encounter	Diagnosis	ICD-10-CM
S06.4X1A	Epidural hemorrhage with loss of consciousness of 30 minutes or less, initial encounter	Diagnosis	ICD-10-CM
S06.4X2A	Epidural hemorrhage with loss of consciousness of 31 minutes to 59 minutes, initial encounter	Diagnosis	ICD-10-CM

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<b>Code</b>	<b>Description</b>	<b>Code Category</b>	<b>Code Type</b>
S06.4X3A	Epidural hemorrhage with loss of consciousness of 1 hour to 5 hours 59 minutes, initial encounter	Diagnosis	ICD-10-CM
S06.4X4A	Epidural hemorrhage with loss of consciousness of 6 hours to 24 hours, initial encounter	Diagnosis	ICD-10-CM
S06.4X5A	Epidural hemorrhage with loss of consciousness greater than 24 hours with return to pre-existing conscious level, initial encounter	Diagnosis	ICD-10-CM
S06.4X6A	Epidural hemorrhage with loss of consciousness greater than 24 hours without return to pre-existing conscious level with patient surviving, initial encounter	Diagnosis	ICD-10-CM
S06.4X7A	Epidural hemorrhage with loss of consciousness of any duration with death due to brain injury prior to regaining consciousness, initial encounter	Diagnosis	ICD-10-CM
S06.4X8A	Epidural hemorrhage with loss of consciousness of any duration with death due to other causes prior to regaining consciousness, initial encounter	Diagnosis	ICD-10-CM
S06.4X9A	Epidural hemorrhage with loss of consciousness of unspecified duration, initial encounter	Diagnosis	ICD-10-CM
S06.5X0A	Traumatic subdural hemorrhage without loss of consciousness, initial encounter	Diagnosis	ICD-10-CM
S06.5X1A	Traumatic subdural hemorrhage with loss of consciousness of 30 minutes or less, initial encounter	Diagnosis	ICD-10-CM
S06.5X2A	Traumatic subdural hemorrhage with loss of consciousness of 31 minutes to 59 minutes, initial encounter	Diagnosis	ICD-10-CM
S06.5X3A	Traumatic subdural hemorrhage with loss of consciousness of 1 hour to 5 hours 59 minutes, initial encounter	Diagnosis	ICD-10-CM
S06.5X4A	Traumatic subdural hemorrhage with loss of consciousness of 6 hours to 24 hours, initial encounter	Diagnosis	ICD-10-CM
S06.5X5A	Traumatic subdural hemorrhage with loss of consciousness greater than 24 hours with return to pre-existing conscious level, initial encounter	Diagnosis	ICD-10-CM
S06.5X6A	Traumatic subdural hemorrhage with loss of consciousness greater than 24 hours without return to pre-existing conscious level with patient surviving, initial encounter	Diagnosis	ICD-10-CM
S06.5X7A	Traumatic subdural hemorrhage with loss of consciousness of any duration with death due to brain injury before regaining consciousness, initial encounter	Diagnosis	ICD-10-CM
S06.5X8A	Traumatic subdural hemorrhage with loss of consciousness of any duration with death due to other cause before regaining consciousness, initial encounter	Diagnosis	ICD-10-CM
S06.5X9A	Traumatic subdural hemorrhage with loss of consciousness of unspecified duration, initial encounter	Diagnosis	ICD-10-CM
S06.6X0A	Traumatic subarachnoid hemorrhage without loss of consciousness, initial encounter	Diagnosis	ICD-10-CM
S06.6X1A	Traumatic subarachnoid hemorrhage with loss of consciousness of 30 minutes or less, initial encounter	Diagnosis	ICD-10-CM
S06.6X2A	Traumatic subarachnoid hemorrhage with loss of consciousness of 31 minutes to 59 minutes, initial encounter	Diagnosis	ICD-10-CM

**Appendix K. List of International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes and Healthcare Common Procedure Coding System (HCPCS) Codes Used to Define Baseline Characteristics in this Request**

<b>Code</b>	<b>Description</b>	<b>Code Category</b>	<b>Code Type</b>
S06.6X3A	Traumatic subarachnoid hemorrhage with loss of consciousness of 1 hour to 5 hours 59 minutes, initial encounter	Diagnosis	ICD-10-CM
S06.6X4A	Traumatic subarachnoid hemorrhage with loss of consciousness of 6 hours to 24 hours, initial encounter	Diagnosis	ICD-10-CM
S06.6X5A	Traumatic subarachnoid hemorrhage with loss of consciousness greater than 24 hours with return to pre-existing conscious level, initial encounter	Diagnosis	ICD-10-CM
S06.6X6A	Traumatic subarachnoid hemorrhage with loss of consciousness greater than 24 hours without return to pre-existing conscious level with patient surviving, initial encounter	Diagnosis	ICD-10-CM
S06.6X7A	Traumatic subarachnoid hemorrhage with loss of consciousness of any duration with death due to brain injury prior to regaining consciousness, initial encounter	Diagnosis	ICD-10-CM
S06.6X8A	Traumatic subarachnoid hemorrhage with loss of consciousness of any duration with death due to other cause prior to regaining consciousness, initial encounter	Diagnosis	ICD-10-CM
S06.6X9A	Traumatic subarachnoid hemorrhage with loss of consciousness of unspecified duration, initial encounter	Diagnosis	ICD-10-CM
S06.810A	Injury of right internal carotid artery, intracranial portion, not elsewhere classified without loss of consciousness, initial encounter	Diagnosis	ICD-10-CM
S06.811A	Injury of right internal carotid artery, intracranial portion, not elsewhere classified with loss of consciousness of 30 minutes or less, initial encounter	Diagnosis	ICD-10-CM
S06.812A	Injury of right internal carotid artery, intracranial portion, not elsewhere classified with loss of consciousness of 31 minutes to 59 minutes, initial encounter	Diagnosis	ICD-10-CM
S06.813A	Injury of right internal carotid artery, intracranial portion, not elsewhere classified with loss of consciousness of 1 hour to 5 hours 59 minutes, initial encounter	Diagnosis	ICD-10-CM
S06.814A	Injury of right internal carotid artery, intracranial portion, not elsewhere classified with loss of consciousness of 6 hours to 24 hours, initial encounter	Diagnosis	ICD-10-CM
S06.815A	Injury of right internal carotid artery, intracranial portion, not elsewhere classified with loss of consciousness greater than 24 hours with return to pre-existing conscious level, initial encounter	Diagnosis	ICD-10-CM
S06.816A	Injury of right internal carotid artery, intracranial portion, not elsewhere classified with loss of consciousness greater than 24 hours without return to pre-existing conscious level with patient surviving, initial encounter	Diagnosis	ICD-10-CM
S06.817A	Injury of right internal carotid artery, intracranial portion, not elsewhere classified with loss of consciousness of any duration with death due to brain injury prior to regaining consciousness, initial encounter	Diagnosis	ICD-10-CM
S06.818A	Injury of right internal carotid artery, intracranial portion, not elsewhere classified with loss of consciousness of any duration with death due to other cause prior to regaining consciousness, initial encounter	Diagnosis	ICD-10-CM
S06.819A	Injury of right internal carotid artery, intracranial portion, not elsewhere classified with loss of consciousness of unspecified duration, initial encounter	Diagnosis	ICD-10-CM

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<b>Code</b>	<b>Description</b>	<b>Code Category</b>	<b>Code Type</b>
S06.820A	Injury of left internal carotid artery, intracranial portion, not elsewhere classified without loss of consciousness, initial encounter	Diagnosis	ICD-10-CM
S06.821A	Injury of left internal carotid artery, intracranial portion, not elsewhere classified with loss of consciousness of 30 minutes or less, initial encounter	Diagnosis	ICD-10-CM
S06.822A	Injury of left internal carotid artery, intracranial portion, not elsewhere classified with loss of consciousness of 31 minutes to 59 minutes, initial encounter	Diagnosis	ICD-10-CM
S06.823A	Injury of left internal carotid artery, intracranial portion, not elsewhere classified with loss of consciousness of 1 hour to 5 hours 59 minutes, initial encounter	Diagnosis	ICD-10-CM
S06.824A	Injury of left internal carotid artery, intracranial portion, not elsewhere classified with loss of consciousness of 6 hours to 24 hours, initial encounter	Diagnosis	ICD-10-CM
S06.825A	Injury of left internal carotid artery, intracranial portion, not elsewhere classified with loss of consciousness greater than 24 hours with return to pre-existing conscious level, initial encounter	Diagnosis	ICD-10-CM
S06.826A	Injury of left internal carotid artery, intracranial portion, not elsewhere classified with loss of consciousness greater than 24 hours without return to pre-existing conscious level with patient surviving, initial encounter	Diagnosis	ICD-10-CM
S06.827A	Injury of left internal carotid artery, intracranial portion, not elsewhere classified with loss of consciousness of any duration with death due to brain injury prior to regaining consciousness, initial encounter	Diagnosis	ICD-10-CM
S06.828A	Injury of left internal carotid artery, intracranial portion, not elsewhere classified with loss of consciousness of any duration with death due to other cause prior to regaining consciousness, initial encounter	Diagnosis	ICD-10-CM
S06.829A	Injury of left internal carotid artery, intracranial portion, not elsewhere classified with loss of consciousness of unspecified duration, initial encounter	Diagnosis	ICD-10-CM
S06.890A	Other specified intracranial injury without loss of consciousness, initial encounter	Diagnosis	ICD-10-CM
S06.891A	Other specified intracranial injury with loss of consciousness of 30 minutes or less, initial encounter	Diagnosis	ICD-10-CM
S06.892A	Other specified intracranial injury with loss of consciousness of 31 minutes to 59 minutes, initial encounter	Diagnosis	ICD-10-CM
S06.893A	Other specified intracranial injury with loss of consciousness of 1 hour to 5 hours 59 minutes, initial encounter	Diagnosis	ICD-10-CM
S06.894A	Other specified intracranial injury with loss of consciousness of 6 hours to 24 hours, initial encounter	Diagnosis	ICD-10-CM
S06.895A	Other specified intracranial injury with loss of consciousness greater than 24 hours with return to pre-existing conscious level, initial encounter	Diagnosis	ICD-10-CM
S06.896A	Other specified intracranial injury with loss of consciousness greater than 24 hours without return to pre-existing conscious level with patient surviving, initial encounter	Diagnosis	ICD-10-CM
S06.897A	Other specified intracranial injury with loss of consciousness of any duration with death due to brain injury prior to regaining consciousness, initial encounter	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
S06.898A	Other specified intracranial injury with loss of consciousness of any duration with death due to other cause prior to regaining consciousness, initial encounter	Diagnosis	ICD-10-CM
S06.899A	Other specified intracranial injury with loss of consciousness of unspecified duration, initial encounter	Diagnosis	ICD-10-CM
S06.9X0A	Unspecified intracranial injury without loss of consciousness, initial encounter	Diagnosis	ICD-10-CM
S06.9X1A	Unspecified intracranial injury with loss of consciousness of 30 minutes or less, initial encounter	Diagnosis	ICD-10-CM
S06.9X2A	Unspecified intracranial injury with loss of consciousness of 31 minutes to 59 minutes, initial encounter	Diagnosis	ICD-10-CM
S06.9X3A	Unspecified intracranial injury with loss of consciousness of 1 hour to 5 hours 59 minutes, initial encounter	Diagnosis	ICD-10-CM
S06.9X4A	Unspecified intracranial injury with loss of consciousness of 6 hours to 24 hours, initial encounter	Diagnosis	ICD-10-CM
S06.9X5A	Unspecified intracranial injury with loss of consciousness greater than 24 hours with return to pre-existing conscious level, initial encounter	Diagnosis	ICD-10-CM
S06.9X6A	Unspecified intracranial injury with loss of consciousness greater than 24 hours without return to pre-existing conscious level with patient surviving, initial encounter	Diagnosis	ICD-10-CM
S06.9X7A	Unspecified intracranial injury with loss of consciousness of any duration with death due to brain injury prior to regaining consciousness, initial encounter	Diagnosis	ICD-10-CM
S06.9X8A	Unspecified intracranial injury with loss of consciousness of any duration with death due to other cause prior to regaining consciousness, initial encounter	Diagnosis	ICD-10-CM
S06.9X9A	Unspecified intracranial injury with loss of consciousness of unspecified duration, initial encounter	Diagnosis	ICD-10-CM
S06.A0XA	Traumatic brain compression without herniation, initial encounter	Diagnosis	ICD-10-CM
S06.A1XA	Traumatic brain compression with herniation, initial encounter	Diagnosis	ICD-10-CM
Z51.89	Encounter for other specified aftercare	Diagnosis	ICD-10-CM
<b>Antibiotics</b>			
C9024	Injection, liposomal, 1 mg daunorubicin and 2.27 mg cytarabine	Procedure	HCPCS
C9028	Injection, inotuzumab ozogamicin, 0.1 mg	Procedure	HCPCS
C9039	Injection, plazomicin, 5 mg	Procedure	HCPCS
C9051	Injection, omadacycline, 1 mg	Procedure	HCPCS
C9064	Mitomycin pyelocalyceal instillation, 1 mg	Procedure	HCPCS
C9479	Instillation, ciprofloxacin otic suspension, 6 mg	Procedure	HCPCS
J0121	Injection, omadacycline, 1 mg	Procedure	HCPCS
J0122	Injection, eravacycline, 1 mg	Procedure	HCPCS
J0278	Injection, amikacin sulfate, 100 mg	Procedure	HCPCS
J0290	Injection, ampicillin sodium, 500 mg	Procedure	HCPCS
J0291	Injection, plazomicin, 5 mg	Procedure	HCPCS
J0295	Injection, ampicillin sodium/sulbactam sodium, per 1.5 g	Procedure	HCPCS
J0456	Injection, azithromycin, 500 mg	Procedure	HCPCS
J0530	Injection, penicillin G benzathine and penicillin G procaine, up to 600,000 units	Procedure	HCPCS



**Appendix K. List of International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes and Healthcare Common Procedure Coding System (HCPCS) Codes Used to Define Baseline Characteristics in this Request**

<b>Code</b>	<b>Description</b>	<b>Code Category</b>	<b>Code Type</b>
J0540	Injection, penicillin G benzathine and penicillin G procaine, up to 1,200,000 units	Procedure	HCPCS
J0550	Injection, penicillin G benzathine and penicillin G procaine, up to 2,400,000 units	Procedure	HCPCS
J0558	Injection, penicillin G benzathine and penicillin G procaine, 100,000 units	Procedure	HCPCS
J0559	Injection, penicillin G benzathine and penicillin G procaine, 2500 units	Procedure	HCPCS
J0560	Injection, penicillin G benzathine, up to 600,000 units	Procedure	HCPCS
J0561	Injection, penicillin G benzathine, 100,000 units	Procedure	HCPCS
J0580	Injection, penicillin G benzathine, up to 2,400,000 units	Procedure	HCPCS
J0690	Injection, cefazolin sodium, 500 mg	Procedure	HCPCS
J0692	Injection, cefepime HCl, 500 mg	Procedure	HCPCS
J0693	Injection, cefiderocol, 5 mg	Procedure	HCPCS
J0694	Injection, ceftiofloxacin sodium, 1 g	Procedure	HCPCS
J0695	Injection, ceftolozane 50 mg and tazobactam 25 mg	Procedure	HCPCS
J0696	Injection, ceftriaxone sodium, per 250 mg	Procedure	HCPCS
J0697	Injection, sterile cefuroxime sodium, per 750 mg	Procedure	HCPCS
J0698	Injection, cefotaxime sodium, per g	Procedure	HCPCS
J0699	Injection, cefiderocol, 10 mg	Procedure	HCPCS
J0712	Injection, ceftaroline fosamil, 10 mg	Procedure	HCPCS
J0713	Injection, ceftazidime, per 500 mg	Procedure	HCPCS
J0714	Injection, ceftazidime and avibactam, 0.5 g/0.125 g	Procedure	HCPCS
J0720	Injection, chloramphenicol sodium succinate, up to 1 g	Procedure	HCPCS
J0742	Injection, imipenem 4 mg, cilastatin 4 mg and relebactam 2 mg	Procedure	HCPCS
J0743	Injection, cilastatin sodium; imipenem, per 250 mg	Procedure	HCPCS
J0744	Injection, ciprofloxacin for intravenous infusion, 200 mg	Procedure	HCPCS
J0770	Injection, colistimethate sodium, up to 150 mg	Procedure	HCPCS
J0875	Injection, dalbavancin, 5 mg	Procedure	HCPCS
J0878	Injection, daptomycin, 1 mg	Procedure	HCPCS
J1267	Injection, doripenem, 10 mg	Procedure	HCPCS
J1335	Injection, ertapenem sodium, 500 mg	Procedure	HCPCS
J1362	Injection, erythromycin gluceptate, per 250 mg	Procedure	HCPCS
J1364	Injection, erythromycin lactobionate, per 500 mg	Procedure	HCPCS
J1580	Injection, garamycin, gentamicin, up to 80 mg	Procedure	HCPCS
J1840	Injection, kanamycin sulfate, up to 500 mg	Procedure	HCPCS
J1850	Injection, kanamycin sulfate, up to 75 mg	Procedure	HCPCS
J1956	Injection, levofloxacin, 250 mg	Procedure	HCPCS
J2010	Injection, lincomycin HCl, up to 300 mg	Procedure	HCPCS
J2020	Injection, linezolid, 200 mg	Procedure	HCPCS
J2185	Injection, meropenem, 100 mg	Procedure	HCPCS
J2186	Injection, meropenem, vaborbactam, 10 mg/10 mg, (20 mg)	Procedure	HCPCS
J2265	Injection, minocycline HCl, 1 mg	Procedure	HCPCS
J2280	Injection, moxifloxacin, 100 mg	Procedure	HCPCS
J2406	Injection, oritavancin (Kimyrsa), 10 mg	Procedure	HCPCS
J2407	Injection, oritavancin (Orbactiv), 10 mg	Procedure	HCPCS

**Appendix K. List of International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes and Healthcare Common Procedure Coding System (HCPCS) Codes Used to Define Baseline Characteristics in this Request**

Code	Description	Code Category	Code Type
J2460	Injection, oxytetracycline HCl, up to 50 mg	Procedure	HCPCS
J2510	Injection, penicillin G procaine, aqueous, up to 600,000 units	Procedure	HCPCS
J2540	Injection, penicillin G potassium, up to 600,000 units	Procedure	HCPCS
J2543	Injection, piperacillin sodium/tazobactam sodium, 1 g/0.125 g (1.125 g)	Procedure	HCPCS
J2700	Injection, oxacillin sodium, up to 250 mg	Procedure	HCPCS
J2770	Injection, quinupristin/dalfopristin, 500 mg (150/350)	Procedure	HCPCS
J3000	Injection, streptomycin, up to 1 g	Procedure	HCPCS
J3090	Injection, tedizolid phosphate, 1 mg	Procedure	HCPCS
J3095	Injection, telavancin, 10 mg	Procedure	HCPCS
J3243	Injection, tigecycline, 1 mg	Procedure	HCPCS
J3260	Injection, tobramycin sulfate, up to 80 mg	Procedure	HCPCS
J3370	Injection, vancomycin HCl, 500 mg	Procedure	HCPCS
J7315	Mitomycin, ophthalmic, 0.2 mg	Procedure	HCPCS
J7342	Instillation, ciprofloxacin otic suspension, 6 mg	Procedure	HCPCS
J7682	Tobramycin, inhalation solution, FDA-approved final product, noncompounded, unit dose form, administered through DME, per 300 mg	Procedure	HCPCS
J7685	Tobramycin, inhalation solution, compounded product, administered through DME, unit dose form, per 300 mg	Procedure	HCPCS
J9000	Injection, doxorubicin HCl, 10 mg	Procedure	HCPCS
J9001	Injection, doxorubicin HCl, all lipid formulations, 10 mg	Procedure	HCPCS
J9002	Injection, doxorubicin hydrochloride, liposomal, Doxil, 10 mg	Procedure	HCPCS
J9040	Injection, bleomycin sulfate, 15 units	Procedure	HCPCS
J9120	Injection, dactinomycin, 0.5 mg	Procedure	HCPCS
J9150	Injection, daunorubicin, 10 mg	Procedure	HCPCS
J9151	Injection, daunorubicin citrate, liposomal formulation, 10 mg	Procedure	HCPCS
J9153	Injection, liposomal, 1 mg daunorubicin and 2.27 mg cytarabine	Procedure	HCPCS
J9178	Injection, epirubicin HCl, 2 mg	Procedure	HCPCS
J9180	Epirubicin HCl, 50 mg	Procedure	HCPCS
J9203	Injection, gemtuzumab ozogamicin, 0.1 mg	Procedure	HCPCS
J9211	Injection, idarubicin HCl, 5 mg	Procedure	HCPCS
J9229	Injection, inotuzumab ozogamicin, 0.1 mg	Procedure	HCPCS
J9280	Injection, mitomycin, 5 mg	Procedure	HCPCS
J9281	Mitomycin pyelocalyceal instillation, 1 mg	Procedure	HCPCS
J9290	Mitomycin, 20 mg	Procedure	HCPCS
J9291	Mitomycin, 40 mg	Procedure	HCPCS
J9293	Injection, mitoxantrone HCl, per 5 mg	Procedure	HCPCS
J9300	Injection, gemtuzumab ozogamicin, 5 mg	Procedure	HCPCS
J9320	Injection, streptozocin, 1 g	Procedure	HCPCS
J9357	Injection, valrubicin, intravesical, 200 mg	Procedure	HCPCS
Q0144	Azithromycin dihydrate, oral, capsules/powder, 1 g	Procedure	HCPCS
Q2049	Injection, doxorubicin HCl, liposomal, imported Lipodox, 10 mg	Procedure	HCPCS
Q2050	Injection, doxorubicin HCl, liposomal, not otherwise specified, 10 mg	Procedure	HCPCS
S0032	Injection, nafcillin sodium, 2 g	Procedure	HCPCS
S0039	Injection, sulfamethoxazole and trimethoprim, 10 ml	Procedure	HCPCS

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Code	Description	Code Category	Code Type
S0040	Injection, ticarcillin disodium and clavulanate potassium, 3.1 g	Procedure	HCPCS
S0073	Injection, aztreonam, 500 mg	Procedure	HCPCS
S0074	Injection, cefotetan disodium, 500 mg	Procedure	HCPCS
S0077	Injection, clindamycin phosphate, 300 mg	Procedure	HCPCS
S0081	Injection, piperacillin sodium, 500 mg	Procedure	HCPCS
S0142	Colistimethate sodium, inhalation solution administered through DME, concentrated form, per mg	Procedure	HCPCS
80150	Amikacin	Procedure	CPT-4
80170	Gentamicin	Procedure	CPT-4
80200	Tobramycin	Procedure	CPT-4
80202	Vancomycin	Procedure	CPT-4
82112	Amikacin	Procedure	CPT-4
82415	Chloramphenicol	Procedure	CPT-4
83578	Kanamycin	Procedure	CPT-4
84695	Gentamicin	Procedure	CPT-4
84810	Tobramycin	Procedure	CPT-4
4041F	Documentation of order for cefazolin OR cefuroxime for antimicrobial prophylaxis (PERI 2)	Procedure	CPT Category II
4047F	Documentation of order for prophylactic parenteral antibiotics to be given within 1 hour (if fluoroquinolone or vancomycin, 2 hours) prior to surgical incision (or start of procedure when no incision is required) (PERI 2)	Procedure	CPT Category II
4048F	Documentation that administration of prophylactic parenteral antibiotic was initiated within 1 hour (if fluoroquinolone or vancomycin, 2 hours) prior to surgical incision (or start of procedure when no incision is required) as ordered (PERI 2)	Procedure	CPT Category II
Antivirals			
C9412	Ganciclovir, 4.5 mg, long-acting implant, brand name	Procedure	HCPCS
J1324	Injection, enfuvirtide, 1 mg	Procedure	HCPCS
J1570	Injection, ganciclovir sodium, 500 mg	Procedure	HCPCS
J7310	Ganciclovir, 4.5 mg, long-acting implant	Procedure	HCPCS
67027	Implantation of intravitreal drug delivery system (eg, ganciclovir implant), includes concomitant removal of vitreous	Procedure	CPT-4
4152F	Documentation that combination peginterferon and ribavirin therapy considered (HEP-C)1	Procedure	CPT Category II
4153F	Combination peginterferon and ribavirin therapy prescribed (HEP-C)	Procedure	CPT Category II
XW043E5	Introduction of Remdesivir Anti-infective into Central Vein, Percutaneous Approach, New Technology Group 5	Procedure	ICD-10-CM
XW033E5	Introduction of Remdesivir Anti-infective into Peripheral Vein, Percutaneous Approach, New Technology Group 5	Procedure	ICD-10-CM
Anticoagulants			
C9111	Injection, bivalirudin, 250 mg per vial	Procedure	HCPCS
C9121	Injection, argatroban, per 5 mg	Procedure	HCPCS
J0583	Injection, bivalirudin, 1 mg	Procedure	HCPCS
J0883	Injection, argatroban, 1 mg (for non-ESRD use)	Procedure	HCPCS

**Appendix K. List of International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes and Healthcare Common Procedure Coding System (HCPCS) Codes Used to Define Baseline Characteristics in this Request**

Code	Description	Code Category	Code Type
J0884	Injection, argatroban, 1 mg (for ESRD on dialysis)	Procedure	HCPCS
J1642	Injection, heparin sodium, (heparin lock flush), per 10 units	Procedure	HCPCS
J1644	Injection, Heparin sodium, per 1000 units	Procedure	HCPCS
J1645	Injection, dalteparin sodium, per 2500 IU	Procedure	HCPCS
J1650	Injection, enoxaparin sodium, 10 mg	Procedure	HCPCS
J1652	Injection, fondaparinux sodium, 0.5 mg	Procedure	HCPCS
82639	Dicumarol	Procedure	CPT-4
<b>Antidiabetics</b>			
3E013VG	Introduction of Insulin into Subcutaneous Tissue, Percutaneous Approach	Procedure	ICD-10-CM
3E030VG	Introduction of Insulin into Peripheral Vein, Open Approach	Procedure	ICD-10-CM
3E033VG	Introduction of Insulin into Peripheral Vein, Percutaneous Approach	Procedure	ICD-10-CM
3E040VG	Introduction of Insulin into Central Vein, Open Approach	Procedure	ICD-10-CM
3E043VG	Introduction of Insulin into Central Vein, Percutaneous Approach	Procedure	ICD-10-CM
3E050VG	Introduction of Insulin into Peripheral Artery, Open Approach	Procedure	ICD-10-CM
3E053VG	Introduction of Insulin into Peripheral Artery, Percutaneous Approach	Procedure	ICD-10-CM
3E060VG	Introduction of Insulin into Central Artery, Open Approach	Procedure	ICD-10-CM
3E063VG	Introduction of Insulin into Central Artery, Percutaneous Approach	Procedure	ICD-10-CM
A4224	Supplies for maintenance of insulin infusion catheter, per week	Procedure	HCPCS
A4225	Supplies for external insulin infusion pump, syringe type cartridge, sterile, each	Procedure	HCPCS
A4226	Supplies for maintenance of insulin infusion pump with dosage rate adjustment using therapeutic continuous glucose sensing, per week	Procedure	HCPCS
A4230	Infusion set for external insulin pump, nonneedle cannula type	Procedure	HCPCS
A4231	Infusion set for external insulin pump, needle type	Procedure	HCPCS
A4232	Syringe with needle for external insulin pump, sterile, 3 cc	Procedure	HCPCS
A9274	External ambulatory insulin delivery system, disposable, each, includes all supplies and accessories	Procedure	HCPCS
E0784	External ambulatory infusion pump, insulin	Procedure	HCPCS
E0787	External ambulatory infusion pump, insulin, dosage rate adjustment using therapeutic continuous glucose sensing	Procedure	HCPCS
G9147	Outpatient Intravenous Insulin Treatment (OIVIT) either pulsatile or continuous, by any means, guided by the results of measurements for: respiratory quotient; and/or, urine urea nitrogen (UUN); and/or, arterial, venous or capillary glucose; and/or potassium concentration	Procedure	HCPCS
J1815	Injection, insulin, per 5 units	Procedure	HCPCS
J1817	Insulin for administration through DME (i.e., insulin pump) per 50 units	Procedure	HCPCS
J1820	Injection, insulin, up to 100 units	Procedure	HCPCS
K0548	Injection, insulin lispro, up to 50 units	Procedure	HCPCS
S1034	Artificial pancreas device system (e.g., low glucose suspend [LGS] feature) including continuous glucose monitor, blood glucose device, insulin pump and computer algorithm that communicates with all of the devices	Procedure	HCPCS
S5550	Insulin, rapid onset, 5 units	Procedure	HCPCS
S5551	Insulin, most rapid onset (Lispro or Aspart); 5 units	Procedure	HCPCS
S5552	Insulin, intermediate acting (NPH or LENTE); 5 units	Procedure	HCPCS

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<b>Code</b>	<b>Description</b>	<b>Code Category</b>	<b>Code Type</b>
S5553	Insulin, long acting; 5 units	Procedure	HCPCS
S5560	Insulin delivery device, reusable pen; 1.5 ml size	Procedure	HCPCS
S5561	Insulin delivery device, reusable pen; 3 ml size	Procedure	HCPCS
S5565	Insulin cartridge for use in insulin delivery device other than pump; 150 units	Procedure	HCPCS
S5566	Insulin cartridge for use in insulin delivery device other than pump; 300 units	Procedure	HCPCS
S5570	Insulin delivery device, disposable pen (including insulin); 1.5 ml size	Procedure	HCPCS
S5571	Insulin delivery device, disposable pen (including insulin); 3 ml size	Procedure	HCPCS
S8490	Insulin syringes (100 syringes, any size)	Procedure	HCPCS
S9145	Insulin pump initiation, instruction in initial use of pump (pump not included)	Procedure	HCPCS
S9353	Home infusion therapy, continuous insulin infusion therapy; administrative services, professional pharmacy services, care coordination, and all necessary supplies and equipment (drugs and nursing visits coded separately), per diem	Procedure	HCPCS
<b>Antiplatelets</b>			
C9460	Injection, cangrelor, 1 mg	Procedure	HCPCS
G8006	Acute myocardial infarction: patient documented to have received aspirin at arrival	Procedure	HCPCS
G8170	Patient with isolated coronary artery bypass graft documented to have been discharged on aspirin or clopidogrel	Procedure	HCPCS
G8353	Patient documented to have received or taken aspirin 24 hours before emergency department arrival or during emergency department stay	Procedure	HCPCS
G8598	Aspirin or another antiplatelet therapy used	Procedure	HCPCS
G9435	Aspirin prescribed at discharge	Procedure	HCPCS
G9793	Patient is currently on a daily aspirin or other antiplatelet	Procedure	HCPCS
J0130	Injection abciximab, 10 mg	Procedure	HCPCS
J1245	Injection, dipyridamole, per 10 mg	Procedure	HCPCS
J1327	Injection, eptifibatide, 5 mg	Procedure	HCPCS
J3246	Injection, tirofiban HCl, 0.25 mg	Procedure	HCPCS
M1055	Aspirin or another antiplatelet therapy used	Procedure	HCPCS
0011F	Oral antiplatelet therapy; prescribed (eg, aspirin, clopidogrel/ Plavix, or combination of aspirin and dipyridamole/Aggrenox)	Procedure	CPT Category II
4084F	Aspirin received within 24 hours before emergency department arrival or during emergency department stay (EM)	Procedure	CPT Category II
4086F	Aspirin or clopidogrel prescribed or currently being taken (CAD)	Procedure	CPT Category II
4563F	Patient received aspirin within 24 hours prior to anesthesia start time (Peri2)	Procedure	CPT Category II
<b>Immunomodulators</b>			
C9025	Injection, ramucirumab, 5 mg	Procedure	HCPCS
C9027	Injection, pembrolizumab, 1 mg	Procedure	HCPCS
C9028	Injection, inotuzumab ozogamicin, 0.1 mg	Procedure	HCPCS
C9029	Injection, guselkumab, 1 mg	Procedure	HCPCS
C9038	Injection, mogamulizumab-kpkc, 1 mg	Procedure	HCPCS
C9044	Injection, cemiplimab-rwlc, 1 mg	Procedure	HCPCS
C9045	Injection, moxetumomab pasudotox-tdfk, 0.01 mg	Procedure	HCPCS
C9049	Injection, tagraxofusp-erzs, 10 mcg	Procedure	HCPCS
C9058	Injection, pegfilgrastim-bmez, biosimilar, (Ziextenzo) 0.5 mg	Procedure	HCPCS

**Appendix K. List of International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes and Healthcare Common Procedure Coding System (HCPCS) Codes Used to Define Baseline Characteristics in this Request**

<b>Code</b>	<b>Description</b>	<b>Code Category</b>	<b>Code Type</b>
C9062	Injection, daratumumab 10 mg and hyaluronidase-fihj	Procedure	HCPCS
C9066	Injection, sacituzumab govitecan-hziy, 2.5 mg	Procedure	HCPCS
C9069	Injection, belantamab mafodotin-blmf, 0.5 mg	Procedure	HCPCS
C9070	Injection, tafasitamab-cxix, 2 mg	Procedure	HCPCS
C9073	Brexucabtagene autoleucel, up to 200 million autologous anti-CD19 CAR positive viable T cells, including leukapheresis and dose preparation procedures, per therapeutic dose	Procedure	HCPCS
C9076	Lisocabtagene maraleucel, up to 110 million autologous anti-CD19 CAR-positive viable T cells, including leukapheresis and dose preparation procedures, per therapeutic dose	Procedure	HCPCS
C9081	Idecabtagene vicleucel, up to 460 million autologous anti-BCMA CAR-positive viable T cells, including leukapheresis and dose preparation procedures, per therapeutic dose	Procedure	HCPCS
C9082	Injection, dostarlimab-gxly, 100 mg	Procedure	HCPCS
C9084	Injection, loncastuximab tesirine-lpyl, 0.1 mg	Procedure	HCPCS
C9091	Injection, sirolimus protein-bound particles, 1 mg	Procedure	HCPCS
C9257	Injection, bevacizumab, 0.25 mg	Procedure	HCPCS
C9449	Injection, blinatumomab, 1 mcg	Procedure	HCPCS
C9453	Injection, nivolumab, 1 mg	Procedure	HCPCS
C9455	Injection, siltuximab, 10 mg	Procedure	HCPCS
C9466	Injection, benralizumab, 1 mg	Procedure	HCPCS
C9467	Injection, rituximab and hyaluronidase, 10 mg	Procedure	HCPCS
C9472	Injection, talimogene laherparepvec, 1 million plaque forming units (PFU)	Procedure	HCPCS
C9473	Injection, mepolizumab, 1 mg	Procedure	HCPCS
C9475	Injection, necitumumab, 1 mg	Procedure	HCPCS
C9476	Injection, daratumumab, 10 mg	Procedure	HCPCS
C9477	Injection, elotuzumab, 1 mg	Procedure	HCPCS
C9481	Injection, reslizumab, 1 mg	Procedure	HCPCS
C9483	Injection, atezolizumab, 10 mg	Procedure	HCPCS
C9485	Injection, olaratumab, 10 mg	Procedure	HCPCS
C9487	Ustekinumab, for intravenous injection, 1 mg	Procedure	HCPCS
C9491	Injection, avelumab, 10 mg	Procedure	HCPCS
C9492	Injection, durvalumab, 10 mg	Procedure	HCPCS
G9835	Trastuzumab administered within 12 months of diagnosis	Procedure	HCPCS
J0129	Injection, abatacept, 10 mg (code may be used for Medicare when drug administered under the direct supervision of a physician, not for use when drug is self-administered)	Procedure	HCPCS
J0135	Injection, adalimumab, 20 mg	Procedure	HCPCS
J0480	Injection, basiliximab, 20 mg	Procedure	HCPCS
J0485	Injection, belatacept, 1 mg	Procedure	HCPCS
J0490	Injection, belimumab, 10 mg	Procedure	HCPCS
J0517	Injection, benralizumab, 1 mg	Procedure	HCPCS
J0638	Injection, canakinumab, 1 mg	Procedure	HCPCS



**Appendix K. List of International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes and Healthcare Common Procedure Coding System (HCPCS) Codes Used to Define Baseline Characteristics in this Request**

<b>Code</b>	<b>Description</b>	<b>Code Category</b>	<b>Code Type</b>
J0717	Injection, certolizumab pegol, 1 mg (code may be used for Medicare when drug administered under the direct supervision of a physician, not for use when drug is self-administered)	Procedure	HCPCS
J0718	Injection, certolizumab pegol, 1 mg	Procedure	HCPCS
J0896	Injection, luspatercept-aamt, 0.25 mg	Procedure	HCPCS
J0897	Injection, denosumab, 1 mg	Procedure	HCPCS
J1300	Injection, eculizumab, 10 mg	Procedure	HCPCS
J1438	Injection, etanercept, 25 mg (code may be used for Medicare when drug administered under the direct supervision of a physician, not for use when drug is self-administered)	Procedure	HCPCS
J1440	Injection, filgrastim (G-CSF), 300 mcg	Procedure	HCPCS
J1441	Injection, filgrastim (G-CSF), 480 mcg	Procedure	HCPCS
J1442	Injection, filgrastim (G-CSF), excludes biosimilars, 1 mcg	Procedure	HCPCS
J1446	Injection, TBO-filgrastim, 5 micrograms	Procedure	HCPCS
J1447	Injection, tbo-filgrastim, 1 mcg	Procedure	HCPCS
J1602	Injection, golimumab, 1 mg, for intravenous use	Procedure	HCPCS
J1628	Injection, guselkumab, 1 mg	Procedure	HCPCS
J1745	Injection, infliximab, excludes biosimilar, 10 mg	Procedure	HCPCS
J1825	Injection, interferon beta-1a, 33 mcg	Procedure	HCPCS
J1826	Injection, interferon beta-1a, 30 mcg	Procedure	HCPCS
J1830	Injection interferon beta-1b, 0.25 mg (code may be used for Medicare when drug administered under the direct supervision of a physician, not for use when drug is self-administered)	Procedure	HCPCS
J2182	Injection, mepolizumab, 1 mg	Procedure	HCPCS
J2323	Injection, natalizumab, 1 mg	Procedure	HCPCS
J2425	Injection, palifermin, 50 mcg	Procedure	HCPCS
J2504	Injection, pegademase bovine, 25 IU	Procedure	HCPCS
J2505	Injection, pegfilgrastim, 6 mg	Procedure	HCPCS
J2506	Injection, pegfilgrastim, excludes biosimilar, 0.5 mg	Procedure	HCPCS
J2786	Injection, reslizumab, 1 mg	Procedure	HCPCS
J2793	Injection, rilonacept, 1 mg	Procedure	HCPCS
J2820	Injection, sargramostim (GM-CSF), 50 mcg	Procedure	HCPCS
J2860	Injection, siltuximab, 10 mg	Procedure	HCPCS
J3245	Injection, tildrakizumab, 1 mg	Procedure	HCPCS
J3262	Injection, tocilizumab, 1 mg	Procedure	HCPCS
J3357	Ustekinumab, for subcutaneous injection, 1 mg	Procedure	HCPCS
J3358	Ustekinumab, for intravenous injection, 1 mg	Procedure	HCPCS
J7500	Azathioprine, oral, 50 mg	Procedure	HCPCS
J7501	Azathioprine, parenteral, 100 mg	Procedure	HCPCS
J7503	Tacrolimus, extended release, (Envarsus XR), oral, 0.25 mg	Procedure	HCPCS
J7507	Tacrolimus, immediate release, oral, 1 mg	Procedure	HCPCS
J7508	Tacrolimus, extended release, (Astagraf XL), oral, 0.1 mg	Procedure	HCPCS
J7517	Mycophenolate mofetil, oral, 250 mg	Procedure	HCPCS
J7520	Sirolimus, oral, 1 mg	Procedure	HCPCS



**Appendix K. List of International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes and Healthcare Common Procedure Coding System (HCPCS) Codes Used to Define Baseline Characteristics in this Request**

<b>Code</b>	<b>Description</b>	<b>Code Category</b>	<b>Code Type</b>
J7525	Tacrolimus, parenteral, 5 mg	Procedure	HCPCS
J9015	Injection, aldesleukin, per single use vial	Procedure	HCPCS
J9022	Injection, atezolizumab, 10 mg	Procedure	HCPCS
J9023	Injection, avelumab, 10 mg	Procedure	HCPCS
J9035	Injection, bevacizumab, 10 mg	Procedure	HCPCS
J9037	Injection, belantamab mafodotin-blmf, 0.5 mg	Procedure	HCPCS
J9039	Injection, blinatumomab, 1 mcg	Procedure	HCPCS
J9042	Injection, brentuximab vedotin, 1 mg	Procedure	HCPCS
J9055	Injection, cetuximab, 10 mg	Procedure	HCPCS
J9119	Injection, cemiplimab-rwlc, 1 mg	Procedure	HCPCS
J9144	Injection, daratumumab, 10 mg and hyaluronidase-fihj	Procedure	HCPCS
J9145	Injection, daratumumab, 10 mg	Procedure	HCPCS
J9173	Injection, durvalumab, 10 mg	Procedure	HCPCS
J9176	Injection, elotuzumab, 1 mg	Procedure	HCPCS
J9177	Injection, enfortumab vedotin-efjv, 0.25 mg	Procedure	HCPCS
J9203	Injection, gemtuzumab ozogamicin, 0.1 mg	Procedure	HCPCS
J9204	Injection, mogamulizumab-kpkc, 1 mg	Procedure	HCPCS
J9214	Injection, interferon, alfa-2b, recombinant, 1 million units	Procedure	HCPCS
J9216	Injection, interferon, gamma 1-b, 3 million units	Procedure	HCPCS
J9227	Injection, isatuximab-irfc, 10 mg	Procedure	HCPCS
J9228	Injection, ipilimumab, 1 mg	Procedure	HCPCS
J9229	Injection, inotuzumab ozogamicin, 0.1 mg	Procedure	HCPCS
J9269	Injection, tagraxofusp-erzs, 10 mcg	Procedure	HCPCS
J9271	Injection, pembrolizumab, 1 mg	Procedure	HCPCS
J9272	Injection, dostarlimab-gxly, 10 mg	Procedure	HCPCS
J9285	Injection, olaratumab, 10 mg	Procedure	HCPCS
J9295	Injection, necitumumab, 1 mg	Procedure	HCPCS
J9299	Injection, nivolumab, 1 mg	Procedure	HCPCS
J9300	Injection, gemtuzumab ozogamicin, 5 mg	Procedure	HCPCS
J9302	Injection, ofatumumab, 10 mg	Procedure	HCPCS
J9303	Injection, panitumumab, 10 mg	Procedure	HCPCS
J9306	Injection, pertuzumab, 1 mg	Procedure	HCPCS
J9308	Injection, ramucirumab, 5 mg	Procedure	HCPCS
J9309	Injection, polatuzumab vedotin-piiq, 1 mg	Procedure	HCPCS
J9310	Injection, rituximab, 100 mg	Procedure	HCPCS
J9311	Injection, rituximab 10 mg and hyaluronidase	Procedure	HCPCS
J9312	Injection, rituximab, 10 mg	Procedure	HCPCS
J9313	Injection, moxetumomab pasudotox-tdfk, 0.01 mg	Procedure	HCPCS
J9316	Injection, pertuzumab, trastuzumab, and hyaluronidase-zzxf, per 10 mg	Procedure	HCPCS
J9317	Injection, sacituzumab govitecan-hziy, 2.5 mg	Procedure	HCPCS
J9325	Injection, talimogene laherparepvec, per 1 million plaque forming units	Procedure	HCPCS
J9330	Injection, temsirolimus, 1 mg	Procedure	HCPCS
J9348	Injection, naxitamab-gqgk, 1 mg	Procedure	HCPCS
J9349	Injection, tafasitamab-cxix, 2 mg	Procedure	HCPCS

**Appendix K. List of International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes and Healthcare Common Procedure Coding System (HCPCS) Codes Used to Define Baseline Characteristics in this Request**

<b>Code</b>	<b>Description</b>	<b>Code Category</b>	<b>Code Type</b>
J9353	Injection, margetuximab-cmkb, 5 mg	Procedure	HCPCS
J9354	Injection, ado-trastuzumab emtansine, 1 mg	Procedure	HCPCS
J9355	Injection, trastuzumab, excludes biosimilar, 10 mg	Procedure	HCPCS
J9356	Injection, trastuzumab, 10 mg and hyaluronidase-oysk	Procedure	HCPCS
J9358	Injection, fam-trastuzumab deruxtecan-nxki, 1 mg	Procedure	HCPCS
J9359	Injection, loncastuximab tesirine-lpyl, 0.075 mg	Procedure	HCPCS
K0119	Azathioprine, oral, tab, 50 mg	Procedure	HCPCS
K0120	Azathioprine, parenteral, 100 mg	Procedure	HCPCS
K0412	Mycophenolate mofetil, oral, 250 mg (CellCept)	Procedure	HCPCS
Q2040	Tisagenlecleucel, up to 250 million CAR-positive viable T cells, including leukapheresis and dose preparation procedures, per infusion	Procedure	HCPCS
Q2041	Axicabtagene ciloleucel, up to 200 million autologous anti-CD19 CAR positive T cells, including leukapheresis and dose preparation procedures, per therapeutic dose	Procedure	HCPCS
Q2042	Tisagenlecleucel, up to 600 million CAR-positive viable T cells, including leukapheresis and dose preparation procedures, per therapeutic dose	Procedure	HCPCS
Q2043	Sipuleucel-T, minimum of 50 million autologous CD54+ cells activated with PAP-GM-CSF, including leukapheresis and all other preparatory procedures, per infusion	Procedure	HCPCS
Q2053	Brexucabtagene autoleucel, up to 200 million autologous anti-CD19 CAR positive viable T cells, including leukapheresis and dose preparation procedures, per therapeutic dose	Procedure	HCPCS
Q2054	Lisocabtagene maraleucel, up to 110 million autologous anti-CD19 CAR-positive viable T cells, including leukapheresis and dose preparation procedures, per therapeutic dose	Procedure	HCPCS
Q2055	Idecabtagene vicleucel, up to 460 million autologous B-cell maturation antigen (BCMA) directed CAR-positive T cells, including leukapheresis and dose preparation procedures, per therapeutic dose	Procedure	HCPCS
Q3027	Injection, interferon beta-1a, 1 mcg for intramuscular use	Procedure	HCPCS
Q3028	Injection, interferon beta-1a, 1 mcg for subcutaneous use	Procedure	HCPCS
Q5101	Injection, filgrastim-sndz, biosimilar, (Zarxio), 1 mcg	Procedure	HCPCS
Q5102	Injection, infliximab, biosimilar, 10 mg	Procedure	HCPCS
Q5103	Injection, infliximab-dyyb, biosimilar, (Inflectra), 10 mg	Procedure	HCPCS
Q5104	Injection, infliximab-abda, biosimilar, (Renflexis), 10 mg	Procedure	HCPCS
Q5107	Injection, bevacizumab-awwb, biosimilar, (Mvasi), 10 mg	Procedure	HCPCS
Q5108	Injection, pegfilgrastim-jmdb, biosimilar, (Fulphila), 0.5 mg	Procedure	HCPCS
Q5109	Injection, infliximab-qbtx, biosimilar, (Ixifi), 10 mg	Procedure	HCPCS
Q5110	Injection, filgrastim-aafi, biosimilar, (Nivestym), 1 mcg	Procedure	HCPCS
Q5111	Injection, pegfilgrastim-cbqv, biosimilar, (Udenyca), 0.5 mg	Procedure	HCPCS
Q5112	Injection, trastuzumab-dttb, biosimilar, (Ontruzant), 10 mg	Procedure	HCPCS
Q5113	Injection, trastuzumab-pkrb, biosimilar, (Herzuma), 10 mg	Procedure	HCPCS
Q5114	Injection, Trastuzumab-dkst, biosimilar, (Ogivri), 10 mg	Procedure	HCPCS
Q5115	Injection, rituximab-abbs, biosimilar, (Truxima), 10 mg	Procedure	HCPCS
Q5116	Injection, trastuzumab-qyyp, biosimilar, (Trazimera), 10 mg	Procedure	HCPCS

**Appendix K. List of International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes and Healthcare Common Procedure Coding System (HCPCS) Codes Used to Define Baseline Characteristics in this Request**

Code	Description	Code Category	Code Type
Q5117	Injection, trastuzumab-anns, biosimilar, (Kanjinti), 10 mg	Procedure	HCPCS
Q5118	Injection, bevacizumab-bvzr, biosimilar, (Zirabev), 10 mg	Procedure	HCPCS
Q5119	Injection, rituximab-pvvr, biosimilar, (RUXIENCE), 10 mg	Procedure	HCPCS
Q5120	Injection, pegfilgrastim-bmez, biosimilar, (ZIEXTENZO), 0.5 mg	Procedure	HCPCS
Q5121	Injection, infliximab-axxq, biosimilar, (AVSOLA), 10 mg	Procedure	HCPCS
Q5122	Injection, pegfilgrastim-apgf, biosimilar, (Nyvepria), 0.5 mg	Procedure	HCPCS
Q5123	Injection, rituximab-arrr, biosimilar, (Riabni), 10 mg	Procedure	HCPCS
Q9989	Ustekinumab, for intravenous injection, 1 mg	Procedure	HCPCS
S0148	Injection, PEGylated interferon alfa-2B, 10 mcg	Procedure	HCPCS
S0177	Levamisole HCl, oral, 50 mg	Procedure	HCPCS
S2095	Transcatheter occlusion or embolization for tumor destruction, percutaneous, any method, using yttrium-90 microspheres	Procedure	HCPCS
S9359	Home infusion therapy, antitumor necrosis factor intravenous therapy; (e.g., Infliximab); administrative services, professional pharmacy services, care coordination, and all necessary supplies and equipment (drugs and nursing visits coded separately), per diem	Procedure	HCPCS
S9562	Home injectable therapy, palivizumab, including administrative services, professional pharmacy services, care coordination, and all necessary supplies and equipment (drugs and nursing visits coded separately), per diem	Procedure	HCPCS
80145	Adalimumab	Procedure	CPT-4
80195	Sirolimus	Procedure	CPT-4
80197	Tacrolimus	Procedure	CPT-4
80230	Infliximab	Procedure	CPT-4
J9030	BCG live intravesical instillation, 1 mg	Procedure	HCPCS
J9031	BCG (intravesical) per instillation	Procedure	HCPCS
A9523	Supply of radiopharmaceutical therapeutic imaging agent, yttrium 90 ibritumomab tiuxetan, per mCi	Procedure	HCPCS
A9543	Yttrium Y-90 ibritumomab tiuxetan, therapeutic, per treatment dose, up to 40 mCi	Procedure	HCPCS
<b>Corticosteroids, Intravenous</b>			
C9034	Injection, dexamethasone 9%, intraocular, 1 mcg	Procedure	HCPCS
J1095	Injection, dexamethasone 9%, intraocular, 1 mcg	Procedure	HCPCS
J1100	Injection, dexamethasone sodium phosphate, 1 mg	Procedure	HCPCS
J2920	Injection, methylprednisolone sodium succinate, up to 40 mg	Procedure	HCPCS
J2930	Injection, methylprednisolone sodium succinate, up to 125 mg	Procedure	HCPCS
J7312	Injection, dexamethasone, intravitreal implant, 0.1 mg	Procedure	HCPCS
<b>Gastrointestinal-related</b>			
43234	Upper gastrointestinal endoscopy, simple primary examination (eg, with small diameter flexible endoscope) (separate procedure)	Procedure	CPT-4
43256	Upper gastrointestinal endoscopy including esophagus, stomach, and either the duodenum and/or jejunum as appropriate; with transendoscopic stent placement (includes predilation)	Procedure	CPT-4

**Appendix K. List of International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes and Healthcare Common Procedure Coding System (HCPCS) Codes Used to Define Baseline Characteristics in this Request**

<b>Code</b>	<b>Description</b>	<b>Code Category</b>	<b>Code Type</b>
43258	Upper gastrointestinal endoscopy including esophagus, stomach, and either the duodenum and/or jejunum as appropriate; with ablation of tumor(s), polyp(s), or other lesion(s) not amenable to removal by hot biopsy forceps, bipolar cautery or snare technique	Procedure	CPT-4
44360	Small intestinal endoscopy, enteroscopy beyond second portion of duodenum, not including ileum; diagnostic, including collection of specimen(s) by brushing or washing, when performed (separate procedure)	Procedure	CPT-4
44361	Small intestinal endoscopy, enteroscopy beyond second portion of duodenum, not including ileum; with biopsy, single or multiple	Procedure	CPT-4
44363	Small intestinal endoscopy, enteroscopy beyond second portion of duodenum, not including ileum; with removal of foreign body(s)	Procedure	CPT-4
44364	Small intestinal endoscopy, enteroscopy beyond second portion of duodenum, not including ileum; with removal of tumor(s), polyp(s), or other lesion(s) by snare technique	Procedure	CPT-4
44365	Small intestinal endoscopy, enteroscopy beyond second portion of duodenum, not including ileum; with removal of tumor(s), polyp(s), or other lesion(s) by hot biopsy forceps or bipolar cautery	Procedure	CPT-4
44366	Small intestinal endoscopy, enteroscopy beyond second portion of duodenum, not including ileum; with control of bleeding (eg, injection, bipolar cautery, unipolar cautery, laser, heater probe, stapler, plasma coagulator)	Procedure	CPT-4
44369	Small intestinal endoscopy, enteroscopy beyond second portion of duodenum, not including ileum; with ablation of tumor(s), polyp(s), or other lesion(s) not amenable to removal by hot biopsy forceps, bipolar cautery or snare technique	Procedure	CPT-4
44370	Small intestinal endoscopy, enteroscopy beyond second portion of duodenum, not including ileum; with transendoscopic stent placement (includes predilation)	Procedure	CPT-4
44372	Small intestinal endoscopy, enteroscopy beyond second portion of duodenum, not including ileum; with placement of percutaneous jejunostomy tube	Procedure	CPT-4
44373	Small intestinal endoscopy, enteroscopy beyond second portion of duodenum, not including ileum; with conversion of percutaneous gastrostomy tube to percutaneous jejunostomy tube	Procedure	CPT-4
44376	Small intestinal endoscopy, enteroscopy beyond second portion of duodenum, including ileum; diagnostic, with or without collection of specimen(s) by brushing or washing (separate procedure)	Procedure	CPT-4
44377	Small intestinal endoscopy, enteroscopy beyond second portion of duodenum, including ileum; with biopsy, single or multiple	Procedure	CPT-4
44378	Small intestinal endoscopy, enteroscopy beyond second portion of duodenum, including ileum; with control of bleeding (eg, injection, bipolar cautery, unipolar cautery, laser, heater probe, stapler, plasma coagulator)	Procedure	CPT-4
44379	Small intestinal endoscopy, enteroscopy beyond second portion of duodenum, including ileum; with transendoscopic stent placement (includes predilation)	Procedure	CPT-4

**Appendix K. List of International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes and Healthcare Common Procedure Coding System (HCPCS) Codes Used to Define Baseline Characteristics in this Request**

<b>Code</b>	<b>Description</b>	<b>Code Category</b>	<b>Code Type</b>
44380	Ileoscopy, through stoma; diagnostic, including collection of specimen(s) by brushing or washing, when performed (separate procedure)	Procedure	CPT-4
44381	Ileoscopy, through stoma; with transendoscopic balloon dilation	Procedure	CPT-4
44382	Ileoscopy, through stoma; with biopsy, single or multiple	Procedure	CPT-4
44384	Ileoscopy, through stoma; with placement of endoscopic stent (includes pre- and post-dilation and guide wire passage, when performed)	Procedure	CPT-4
44385	Endoscopic evaluation of small intestinal pouch (eg, Kock pouch, ileal reservoir [S or J]); diagnostic, including collection of specimen(s) by brushing or washing, when performed (separate procedure)	Procedure	CPT-4
44386	Endoscopic evaluation of small intestinal pouch (eg, Kock pouch, ileal reservoir [S or J]); with biopsy, single or multiple	Procedure	CPT-4
47550	Biliary endoscopy, intraoperative (choledochoscopy) (List separately in addition to code for primary procedure)	Procedure	CPT-4
47552	Biliary endoscopy, percutaneous via T-tube or other tract; diagnostic, with collection of specimen(s) by brushing and/or washing, when performed (separate procedure)	Procedure	CPT-4
47553	Biliary endoscopy, percutaneous via T-tube or other tract; with biopsy, single or multiple	Procedure	CPT-4
47554	Biliary endoscopy, percutaneous via T-tube or other tract; with removal of calculus/calculi	Procedure	CPT-4
47555	Biliary endoscopy, percutaneous via T-tube or other tract; with dilation of biliary duct stricture(s) without stent	Procedure	CPT-4
47556	Biliary endoscopy, percutaneous via T-tube or other tract; with dilation of biliary duct stricture(s) with stent	Procedure	CPT-4
56348	Laparoscopy, surgical; intestinal resection, with anastomosis (intra or extracorporeal)	Procedure	CPT-4
74328	Endoscopic catheterization of the biliary ductal system, radiological supervision and interpretation	Procedure	CPT-4
74329	Endoscopic catheterization of the pancreatic ductal system, radiological supervision and interpretation	Procedure	CPT-4
74330	Combined endoscopic catheterization of the biliary and pancreatic ductal systems, radiological supervision and interpretation	Procedure	CPT-4
96570	Photodynamic therapy by endoscopic application of light to ablate abnormal tissue via activation of photosensitive drug(s); first 30 minutes (List separately in addition to code for endoscopy or bronchoscopy procedures of lung and gastrointestinal tract)	Procedure	CPT-4
96571	Photodynamic therapy by endoscopic application of light to ablate abnormal tissue via activation of photosensitive drug(s); each additional 15 minutes (List separately in addition to code for endoscopy or bronchoscopy procedures of lung and gastrointestinal tract)	Procedure	CPT-4
0008T	Upper gastrointestinal endoscopy including esophagus, stomach, and either the duodenum and/or jejunum as appropriate, with suturing of the esophagogastric junction	Procedure	CPT Category III

**Appendix K. List of International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes and Healthcare Common Procedure Coding System (HCPCS) Codes Used to Define Baseline Characteristics in this Request**

<b>Code</b>	<b>Description</b>	<b>Code Category</b>	<b>Code Type</b>
0057T	Upper gastrointestinal endoscopy, including esophagus, stomach, and either the duodenum and/or jejunum as appropriate, with delivery of thermal energy to the muscle of the lower esophageal sphincter and/or gastric cardia, for treatment of gastroesophageal reflux disease	Procedure	CPT Category III
0133T	Upper gastrointestinal endoscopy, including esophagus, stomach, and either the duodenum and/or jejunum as appropriate, with injection of implant material into and along the muscle of the lower esophageal sphincter (eg, for treatment of gastroesophageal reflux disease)	Procedure	CPT Category III
0355T	Gastrointestinal tract imaging, intraluminal (eg, capsule endoscopy), colon, with interpretation and report	Procedure	CPT Category III
0651T	Magnetically controlled capsule endoscopy, esophagus through stomach, including intraprocedural positioning of capsule, with interpretation and report	Procedure	CPT Category III
3130F	Upper gastrointestinal endoscopy performed (GERD)	Procedure	CPT Category II
3141F	Upper gastrointestinal endoscopy report indicates no suspicion of Barrett's esophagus (GERD)	Procedure	CPT Category II
43860	Revision of gastrojejunal anastomosis (gastrojejunostomy) with reconstruction, with or without partial gastrectomy or intestine resection; without vagotomy	Procedure	CPT-4
43865	Revision of gastrojejunal anastomosis (gastrojejunostomy) with reconstruction, with or without partial gastrectomy or intestine resection; with vagotomy	Procedure	CPT-4
44120	Enterectomy, resection of small intestine; single resection and anastomosis	Procedure	CPT-4
44121	Enterectomy, resection of small intestine; each additional resection and anastomosis (List separately in addition to code for primary procedure)	Procedure	CPT-4
44125	Enterectomy, resection of small intestine; with enterostomy	Procedure	CPT-4
44126	Enterectomy, resection of small intestine for congenital atresia, single resection and anastomosis of proximal segment of intestine; without tapering	Procedure	CPT-4
44127	Enterectomy, resection of small intestine for congenital atresia, single resection and anastomosis of proximal segment of intestine; with tapering	Procedure	CPT-4
44128	Enterectomy, resection of small intestine for congenital atresia, single resection and anastomosis of proximal segment of intestine; each additional resection and anastomosis (List separately in addition to code for primary procedure)	Procedure	CPT-4
44202	Laparoscopy, surgical; enterectomy, resection of small intestine, single resection and anastomosis	Procedure	CPT-4
44203	Laparoscopy, surgical; each additional small intestine resection and anastomosis (List separately in addition to code for primary procedure)	Procedure	CPT-4
44227	Laparoscopy, surgical, closure of enterostomy, large or small intestine, with resection and anastomosis	Procedure	CPT-4
44625	Closure of enterostomy, large or small intestine; with resection and anastomosis other than colorectal	Procedure	CPT-4
44626	Closure of enterostomy, large or small intestine; with resection and colorectal anastomosis (eg, closure of Hartmann type procedure)	Procedure	CPT-4



**Appendix K. List of International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes and Healthcare Common Procedure Coding System (HCPCS) Codes Used to Define Baseline Characteristics in this Request**

Code	Description	Code Category	Code Type
44661	Closure of enterovesical fistula; with intestine and/or bladder resection	Procedure	CPT-4
ODT8	Resection / Small Intestine	Procedure	ICD-10-PCS
ODT80ZZ	Resection of Small Intestine, Open Approach	Procedure	ICD-10-PCS
ODT84ZZ	Resection of Small Intestine, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
ODT87ZZ	Resection of Small Intestine, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
ODT88ZZ	Resection of Small Intestine, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
ODTE	Resection / Large Intestine	Procedure	ICD-10-PCS
ODTE0ZZ	Resection of Large Intestine, Open Approach	Procedure	ICD-10-PCS
ODTE4ZZ	Resection of Large Intestine, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
ODTE7ZZ	Resection of Large Intestine, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
ODTE8ZZ	Resection of Large Intestine, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
ODTF	Resection / Large Intestine, Right	Procedure	ICD-10-PCS
ODTF0ZZ	Resection of Right Large Intestine, Open Approach	Procedure	ICD-10-PCS
ODTF4ZZ	Resection of Right Large Intestine, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
ODTF7ZZ	Resection of Right Large Intestine, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
ODTF8ZZ	Resection of Right Large Intestine, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
ODTG	Resection / Large Intestine, Left	Procedure	ICD-10-PCS
ODTG0ZZ	Resection of Left Large Intestine, Open Approach	Procedure	ICD-10-PCS
ODTG4ZZ	Resection of Left Large Intestine, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
ODTG7ZZ	Resection of Left Large Intestine, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
ODTG8ZZ	Resection of Left Large Intestine, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
ODTGFZZ	Resection of Left Large Intestine, Via Natural or Artificial Opening With Percutaneous Endoscopic Assistance	Procedure	ICD-10-PCS
K50	Crohn's disease [regional enteritis]	Diagnosis	ICS-10-CM
K50.0	Crohn's disease of small intestine	Diagnosis	ICS-10-CM
K50.00	Crohn's disease of small intestine without complications	Diagnosis	ICS-10-CM
K50.01	Crohn's disease of small intestine with complications	Diagnosis	ICS-10-CM
K50.011	Crohn's disease of small intestine with rectal bleeding	Diagnosis	ICS-10-CM
K50.012	Crohn's disease of small intestine with intestinal obstruction	Diagnosis	ICS-10-CM
K50.013	Crohn's disease of small intestine with fistula	Diagnosis	ICS-10-CM
K50.014	Crohn's disease of small intestine with abscess	Diagnosis	ICS-10-CM
K50.018	Crohn's disease of small intestine with other complication	Diagnosis	ICS-10-CM
K50.019	Crohn's disease of small intestine with unspecified complications	Diagnosis	ICS-10-CM
K50.1	Crohn's disease of large intestine	Diagnosis	ICS-10-CM
K50.10	Crohn's disease of large intestine without complications	Diagnosis	ICS-10-CM
K50.11	Crohn's disease of large intestine with complications	Diagnosis	ICS-10-CM
K50.111	Crohn's disease of large intestine with rectal bleeding	Diagnosis	ICS-10-CM
K50.112	Crohn's disease of large intestine with intestinal obstruction	Diagnosis	ICS-10-CM
K50.113	Crohn's disease of large intestine with fistula	Diagnosis	ICS-10-CM
K50.114	Crohn's disease of large intestine with abscess	Diagnosis	ICS-10-CM
K50.118	Crohn's disease of large intestine with other complication	Diagnosis	ICS-10-CM
K50.119	Crohn's disease of large intestine with unspecified complications	Diagnosis	ICS-10-CM
K50.8	Crohn's disease of both small and large intestine	Diagnosis	ICS-10-CM
K50.80	Crohn's disease of both small and large intestine without complications	Diagnosis	ICS-10-CM



**Appendix K. List of International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes and Healthcare Common Procedure Coding System (HCPCS) Codes Used to Define Baseline Characteristics in this Request**

<b>Code</b>	<b>Description</b>	<b>Code Category</b>	<b>Code Type</b>
K50.81	Crohn's disease of both small and large intestine with complications	Diagnosis	ICS-10-CM
K50.811	Crohn's disease of both small and large intestine with rectal bleeding	Diagnosis	ICS-10-CM
K50.812	Crohn's disease of both small and large intestine with intestinal obstruction	Diagnosis	ICS-10-CM
K50.813	Crohn's disease of both small and large intestine with fistula	Diagnosis	ICS-10-CM
K50.814	Crohn's disease of both small and large intestine with abscess	Diagnosis	ICS-10-CM
K50.818	Crohn's disease of both small and large intestine with other complication	Diagnosis	ICS-10-CM
K50.819	Crohn's disease of both small and large intestine with unspecified complications	Diagnosis	ICS-10-CM
K50.9	Crohn's disease, unspecified	Diagnosis	ICS-10-CM
K50.90	Crohn's disease, unspecified, without complications	Diagnosis	ICS-10-CM
K50.91	Crohn's disease, unspecified, with complications	Diagnosis	ICS-10-CM
K50.911	Crohn's disease, unspecified, with rectal bleeding	Diagnosis	ICS-10-CM
K50.912	Crohn's disease, unspecified, with intestinal obstruction	Diagnosis	ICS-10-CM
K50.913	Crohn's disease, unspecified, with fistula	Diagnosis	ICS-10-CM
K50.914	Crohn's disease, unspecified, with abscess	Diagnosis	ICS-10-CM
K50.918	Crohn's disease, unspecified, with other complication	Diagnosis	ICS-10-CM
K50.919	Crohn's disease, unspecified, with unspecified complications	Diagnosis	ICS-10-CM
K51	Ulcerative colitis	Diagnosis	ICS-10-CM
K51.0	Ulcerative (chronic) pancolitis	Diagnosis	ICS-10-CM
K51.00	Ulcerative (chronic) pancolitis without complications	Diagnosis	ICS-10-CM
K51.01	Ulcerative (chronic) pancolitis with complications	Diagnosis	ICS-10-CM
K51.011	Ulcerative (chronic) pancolitis with rectal bleeding	Diagnosis	ICS-10-CM
K51.012	Ulcerative (chronic) pancolitis with intestinal obstruction	Diagnosis	ICS-10-CM
K51.013	Ulcerative (chronic) pancolitis with fistula	Diagnosis	ICS-10-CM
K51.014	Ulcerative (chronic) pancolitis with abscess	Diagnosis	ICS-10-CM
K51.018	Ulcerative (chronic) pancolitis with other complication	Diagnosis	ICS-10-CM
K51.019	Ulcerative (chronic) pancolitis with unspecified complications	Diagnosis	ICS-10-CM
K51.2	Ulcerative (chronic) proctitis	Diagnosis	ICS-10-CM
K51.20	Ulcerative (chronic) proctitis without complications	Diagnosis	ICS-10-CM
K51.21	Ulcerative (chronic) proctitis with complications	Diagnosis	ICS-10-CM
K51.211	Ulcerative (chronic) proctitis with rectal bleeding	Diagnosis	ICS-10-CM
K51.212	Ulcerative (chronic) proctitis with intestinal obstruction	Diagnosis	ICS-10-CM
K51.213	Ulcerative (chronic) proctitis with fistula	Diagnosis	ICS-10-CM
K51.214	Ulcerative (chronic) proctitis with abscess	Diagnosis	ICS-10-CM
K51.218	Ulcerative (chronic) proctitis with other complication	Diagnosis	ICS-10-CM
K51.219	Ulcerative (chronic) proctitis with unspecified complications	Diagnosis	ICS-10-CM
K51.3	Ulcerative (chronic) rectosigmoiditis	Diagnosis	ICS-10-CM
K51.30	Ulcerative (chronic) rectosigmoiditis without complications	Diagnosis	ICS-10-CM
K51.31	Ulcerative (chronic) rectosigmoiditis with complications	Diagnosis	ICS-10-CM
K51.311	Ulcerative (chronic) rectosigmoiditis with rectal bleeding	Diagnosis	ICS-10-CM
K51.312	Ulcerative (chronic) rectosigmoiditis with intestinal obstruction	Diagnosis	ICS-10-CM
K51.313	Ulcerative (chronic) rectosigmoiditis with fistula	Diagnosis	ICS-10-CM
K51.314	Ulcerative (chronic) rectosigmoiditis with abscess	Diagnosis	ICS-10-CM
K51.318	Ulcerative (chronic) rectosigmoiditis with other complication	Diagnosis	ICS-10-CM

**Appendix K. List of International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes and Healthcare Common Procedure Coding System (HCPCS) Codes Used to Define Baseline Characteristics in this Request**

<b>Code</b>	<b>Description</b>	<b>Code Category</b>	<b>Code Type</b>
K51.319	Ulcerative (chronic) rectosigmoiditis with unspecified complications	Diagnosis	ICS-10-CM
K51.4	Inflammatory polyps of colon	Diagnosis	ICS-10-CM
K51.40	Inflammatory polyps of colon without complications	Diagnosis	ICS-10-CM
K51.41	Inflammatory polyps of colon with complications	Diagnosis	ICS-10-CM
K51.411	Inflammatory polyps of colon with rectal bleeding	Diagnosis	ICS-10-CM
K51.412	Inflammatory polyps of colon with intestinal obstruction	Diagnosis	ICS-10-CM
K51.413	Inflammatory polyps of colon with fistula	Diagnosis	ICS-10-CM
K51.414	Inflammatory polyps of colon with abscess	Diagnosis	ICS-10-CM
K51.418	Inflammatory polyps of colon with other complication	Diagnosis	ICS-10-CM
K51.419	Inflammatory polyps of colon with unspecified complications	Diagnosis	ICS-10-CM
K51.5	Left sided colitis	Diagnosis	ICS-10-CM
K51.50	Left sided colitis without complications	Diagnosis	ICS-10-CM
K51.51	Left sided colitis with complications	Diagnosis	ICS-10-CM
K51.511	Left sided colitis with rectal bleeding	Diagnosis	ICS-10-CM
K51.512	Left sided colitis with intestinal obstruction	Diagnosis	ICS-10-CM
K51.513	Left sided colitis with fistula	Diagnosis	ICS-10-CM
K51.514	Left sided colitis with abscess	Diagnosis	ICS-10-CM
K51.518	Left sided colitis with other complication	Diagnosis	ICS-10-CM
K51.519	Left sided colitis with unspecified complications	Diagnosis	ICS-10-CM
K51.8	Other ulcerative colitis	Diagnosis	ICS-10-CM
K51.80	Other ulcerative colitis without complications	Diagnosis	ICS-10-CM
K51.81	Other ulcerative colitis with complications	Diagnosis	ICS-10-CM
K51.811	Other ulcerative colitis with rectal bleeding	Diagnosis	ICS-10-CM
K51.812	Other ulcerative colitis with intestinal obstruction	Diagnosis	ICS-10-CM
K51.813	Other ulcerative colitis with fistula	Diagnosis	ICS-10-CM
K51.814	Other ulcerative colitis with abscess	Diagnosis	ICS-10-CM
K51.818	Other ulcerative colitis with other complication	Diagnosis	ICS-10-CM
K51.819	Other ulcerative colitis with unspecified complications	Diagnosis	ICS-10-CM
K51.9	Ulcerative colitis, unspecified	Diagnosis	ICS-10-CM
K51.90	Ulcerative colitis, unspecified, without complications	Diagnosis	ICS-10-CM
K51.91	Ulcerative colitis, unspecified, with complications	Diagnosis	ICS-10-CM
K51.911	Ulcerative colitis, unspecified with rectal bleeding	Diagnosis	ICS-10-CM
K51.912	Ulcerative colitis, unspecified with intestinal obstruction	Diagnosis	ICS-10-CM
K51.913	Ulcerative colitis, unspecified with fistula	Diagnosis	ICS-10-CM
K51.914	Ulcerative colitis, unspecified with abscess	Diagnosis	ICS-10-CM
K51.918	Ulcerative colitis, unspecified with other complication	Diagnosis	ICS-10-CM
K51.919	Ulcerative colitis, unspecified with unspecified complications	Diagnosis	ICS-10-CM
K52	Other and unspecified noninfective gastroenteritis and colitis	Diagnosis	ICS-10-CM
K52.0	Gastroenteritis and colitis due to radiation	Diagnosis	ICS-10-CM
K52.1	Toxic gastroenteritis and colitis	Diagnosis	ICS-10-CM
K52.2	Allergic and dietetic gastroenteritis and colitis	Diagnosis	ICS-10-CM
K52.21	Food protein-induced enterocolitis syndrome	Diagnosis	ICS-10-CM
K52.22	Food protein-induced enteropathy	Diagnosis	ICS-10-CM
K52.29	Other allergic and dietetic gastroenteritis and colitis	Diagnosis	ICS-10-CM

**Appendix K. List of International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes and Healthcare Common Procedure Coding System (HCPCS) Codes Used to Define Baseline Characteristics in this Request**

<b>Code</b>	<b>Description</b>	<b>Code Category</b>	<b>Code Type</b>
K52.3	Indeterminate colitis	Diagnosis	ICS-10-CM
K52.8	Other specified noninfective gastroenteritis and colitis	Diagnosis	ICS-10-CM
K52.81	Eosinophilic gastritis or gastroenteritis	Diagnosis	ICS-10-CM
K52.82	Eosinophilic colitis	Diagnosis	ICS-10-CM
K52.83	Microscopic colitis	Diagnosis	ICS-10-CM
K52.831	Collagenous colitis	Diagnosis	ICS-10-CM
K52.832	Lymphocytic colitis	Diagnosis	ICS-10-CM
K52.838	Other microscopic colitis	Diagnosis	ICS-10-CM
K52.839	Microscopic colitis, unspecified	Diagnosis	ICS-10-CM
K52.89	Other specified noninfective gastroenteritis and colitis	Diagnosis	ICS-10-CM
K52.9	Noninfective gastroenteritis and colitis, unspecified	Diagnosis	ICS-10-CM
C9724	Endoscopic full-thickness plication of the stomach using endoscopic plication system (EPS); includes endoscopy	Procedure	HCPCS
C9779	Endoscopic submucosal dissection (ESD), including endoscopy or colonoscopy, mucosal closure, when performed	Procedure	HCPCS
G8250	Patient with suspicion of Barrett's esophagus in endoscopy report and documented to have received an esophageal biopsy	Procedure	HCPCS
G8251	Patient not documented to have received an esophageal biopsy when suspicion of Barrett's esophagus is indicated in the endoscopy report	Procedure	HCPCS
S2215	Upper gastrointestinal endoscopy, including esophagus, stomach, and either the duodenum and/or jejunum as appropriate; with injection of implant material into and along the muscle of the lower esophageal sphincter for treatment of gastroesophageal reflux disease	Procedure	HCPCS
00740	Anesthesia for upper gastrointestinal endoscopic procedures, endoscope introduced proximal to duodenum	Procedure	CPT-4
00810	Anesthesia for lower intestinal endoscopic procedures, endoscope introduced distal to duodenum	Procedure	CPT-4
3132F	Documentation of referral for upper gastrointestinal endoscopy (GERD)	Procedure	CPT Category II
3140F	Upper gastrointestinal endoscopy report indicates suspicion of Barrett's esophagus (GERD)	Procedure	CPT Category II

**Appendix L. Specifications Defining Parameters for this Request (Run 1)**

This request executed the Cohort Identification and Descriptive Analysis (CIDA) tool [version 10.1.0] to estimate rates of utilization among patients with exposure to ustekinumab or Comparator Drugs in the Sentinel Distributed Database (SDD).

**Query period:** October 1, 2016 - February 28, 2022  
**Coverage requirement:** \*Medical & Drug Coverage  
**Pre-index enrollment requirement:** 183 days  
**Post-index enrollment requirement:** 0 days  
**Post-episode enrollment requirement for Type 2 analyses:** 0 days  
**Enrollment gap:** 45 days  
**Age groups:** 18-24, 25-34, 35-44, 45-54, 55-64, 65-74, 75+  
**Stratifications:** Age group, Sex, Calendar year  
**Censor output categorization:** None  
**Envelope macro:** \*No reclassification  
**Freeze data:** No

**Exposure**

Scenario	Cohort Description	Index Exposure	Cohort definition	Incident exposure washout period	Incident with respect to:	Exclude evidence of days supply if exposure washout includes dispensings	Treatment episode gap	Exposure episode extension	Minimum exposure episode duration
1	Crohn's disease, ustekinumab, No outcome	ustekinumab	*First valid exposure episodes during query period;	183	ustekinumab	*Evaluation period should search for only evidence of a dispensing date	56 days (8 weeks)	56 days (8 weeks)	None
2	Crohn's disease, Comparators, Pneumonia	infliximab OR adalimumab OR vedolizumab	*First valid exposure episodes during query period;	183	specific drug (infliximab, adalimumab, or vedolizumab) that defined an individual's index dispensing	*Evaluation period should search for only evidence of a dispensing date	56 days (8 weeks) adalimumab: 28 days (4 weeks)	56 days (8 weeks) adalimumab: 28 days (4 weeks)	None

**Appendix L. Specifications Defining Parameters for this Request (Run 1)**

Scenario	Cohort Description	Index Exposure	Cohort definition	Exposure					
				Incident exposure washout period	Incident with respect to:	Exclude evidence of days supply if exposure washout includes dispensings	Treatment episode gap	Exposure episode extension	Minimum exposure episode duration
3	Crohn's disease, Comparators, Pneumonia - Treatment Naïve	infliximab OR adalimumab OR vedolizumab	*First valid exposure episodes during query period;	183	specific drug (infliximab, adalimumab, or vedolizumab) that defined an individual's index dispensing	*Evaluation period should search for only evidence of a dispensing date	56 days (8 weeks) adalimumab: 28 days (4 weeks)	56 days (8 weeks) adalimumab: 28 days (4 weeks)	None
4	Ulcerative colitis, Comparators, Pneumonia	infliximab OR adalimumab OR vedolizumab	*First valid exposure episodes during query period;	183	specific drug (infliximab, adalimumab, or vedolizumab) that defined an individual's index dispensing	*Evaluation period should search for only evidence of a dispensing date	56 days (8 weeks) adalimumab: 28 days (4 weeks)	56 days (8 weeks) adalimumab: 28 days (4 weeks)	None
5	Ulcerative colitis, Comparators, Pneumonia - Treatment Naïve	infliximab OR adalimumab OR vedolizumab	*First valid exposure episodes during query period;	183	specific drug (infliximab, adalimumab, or vedolizumab) that defined an individual's index dispensing	*Evaluation period should search for only evidence of a dispensing date	56 days (8 weeks) adalimumab: 28 days (4 weeks)	56 days (8 weeks) adalimumab: 28 days (4 weeks)	None

ICD-9, ICD-10, HCPCS, and CPT codes are provided by Optum360.  
NDC codes are checked against First Data Bank's "National Drug Data File (NDDF®) Plus."

Appendix L. Specifications Defining Parameters for this Request (Run 1) (continued)

Scenario	Exposure						
	Minimum days supplied	Maximum exposure episode duration	Care setting	Principal diagnosis position	Forced supply to attach to procedures	Forced supply to attach to NDCs	Censor treatment episode at evidence of:
1	None	None	*Any care setting	*Any	56 days (8 weeks)	-- (native days supply)	*Death; *DP end date; *Query end date; *Disenrollment; *Use of comparator drug (certolizumab pegol, golimumab, natalizumab, tofacitinib, ozanimod, upadacitinib, infliximab, adalimumab, or vedolizumab)
2	None	None	*Any care setting	*Any	56 days (8 weeks) adalimumab: 28 days (4 weeks)	-- (native days supply)	*Death; *DP end date; *Query end date; *Disenrollment; *Use of ustekinumab; *Use of comparator drug (certolizumab pegol, golimumab, natalizumab, tofacitinib, ozanimod, upadacitinib, infliximab, adalimumab, or vedolizumab - infliximab, adalimumab, or vedolizumab when not index treatment )
3	None	None	*Any care setting	*Any	56 days (8 weeks) adalimumab: 28 days (4 weeks)	-- (native days supply)	*Death; *DP end date; *Query end date; *Disenrollment; *Use of ustekinumab; *Use of comparator drug (certolizumab pegol, golimumab, natalizumab, tofacitinib, ozanimod, upadacitinib, infliximab, adalimumab, or vedolizumab - infliximab, adalimumab, or vedolizumab when not index treatment)

Appendix L. Specifications Defining Parameters for this Request (Run 1) (continued)

Scenario	Exposure						Censor treatment episode at evidence of:
	Minimum days supplied	Maximum exposure episode duration	Care setting	Principal diagnosis position	Forced supply to attach to procedures	Forced supply to attach to NDCs	
4	None	None	*Any care setting	*Any	56 days (8 weeks) adalimumab: 28 days (4 weeks)		*Death; *DP end date; *Query end date; *Disenrollment; *Use of ustekinumab; *Use of comparator drug (certolizumab pegol, golimumab, natalizumab, tofacitinib, ozanimod, upadacitinib, infliximab, adalimumab, or vedolizumab - infliximab, adalimumab, or vedolizumab when not index treatment)
5	None	None	*Any care setting	*Any	56 days (8 weeks) adalimumab: 28 days (4 weeks)	-- (native days supply)	*Death; *DP end date; *Query end date; *Disenrollment; *Use of ustekinumab; *Use of comparator drug (certolizumab pegol, golimumab, natalizumab, tofacitinib, ozanimod, upadacitinib, infliximab, adalimumab, or vedolizumab - infliximab, adalimumab, or vedolizumab when not index treatment)

ICD-9, ICD-10, HCPCS, and CPT codes are provided by Optum360.  
NDC codes are checked against First Data Bank's "National Drug Data File (NDDF®) Plus."



Appendix L. Specifications Defining Parameters for this Request (Run 1) (continued)

Inclusion/Exclusion Criteria										
Scenario	Inclusion/ Exclusion group	Criteria	Care setting	Principal diagnosis position	Evaluation period start	Evaluation period end	Exclude evidence of days supply if inclusion/exclusion evaluation period includes dispensings	Number of instances the criteria should be found in evaluation period	Forced supply to attach to procedures	Forced supply to attach to NDCs
1	Crohn's disease	*Inclusion	*Any care setting	Any	-183	0	--	1	--	--
	Ulcerative colitis Psoriasis Psoriatic arthritis Rheumatoid arthritis Ankylosing spondylitis Juvenile rheumatoid arthritis Hidradenitis suppurativa Uveitis	*Exclusion	*Any care setting	Any	-183	0	--	1	--	--
	HIV/AIDS Organ transplantation	*Exclusion	*Any care setting	Any	Entire patient history	0	--	1	--	--
	Certolizumab pegol, golimumab, natalizumab, tofacitinib, ozanimod, upadacitinib, infliximab, adalimumab, or vedolizumab	*Exclusion	*Any care setting	Any	0	0	*Evaluation period should search for only evidence of a dispensing date	1	--	--

Appendix L. Specifications Defining Parameters for this Request (Run 1) (continued)

Inclusion/Exclusion Criteria										
Scenario	Inclusion/ Exclusion group	Criteria	Care setting	Principal diagnosis position	Evaluation period start	Evaluation period end	Exclude evidence of days supply if inclusion/exclusion evaluation period includes dispensings	Number of instances the criteria should be found in evaluation period	Forced supply to attach to procedures	Forced supply to attach to NDCs
2	Crohn's disease	*Inclusion	*Any care setting	Any	-183	0	--	1	--	--
	Ulcerative colitis Psoriasis Psoriatic arthritis Rheumatoid arthritis Ankylosing spondylitis Juvenile rheumatoid arthritis Hidradenitis suppurativa Uveitis	*Exclusion	*Any care setting	Any	-183	0	--	1	--	--
	HIV/AIDS Organ transplantation	*Exclusion	*Any care setting	Any	Entire patient history	0	--	1	--	--
	Certolizumab pegol, golimumab, natalizumab, tofacitinib, ozanimod, upadacitinib	*Exclusion	*Any care setting	Any	0	0	*Evaluation period should search for only evidence of a dispensing date	1	--	--
	Ustekinumab	*Exclusion	*Any care setting	Any	-183	0	*Evaluation period should search for only evidence of a dispensing date	1	--	--

Appendix L. Specifications Defining Parameters for this Request (Run 1) (continued)

Inclusion/Exclusion Criteria										
Scenario	Inclusion/ Exclusion group	Criteria	Care setting	Principal diagnosis position	Evaluation period start	Evaluation period end	Exclude evidence of days supply if inclusion/exclusion evaluation period includes dispensings	Number of instances the criteria should be found in evaluation period	Forced supply to attach to procedures	Forced supply to attach to NDCs
3	Crohn's disease	*Inclusion	*Any care setting	Any	-183	0	--	1	--	--
	Ulcerative colitis Psoriasis Psoriatic arthritis Rheumatoid arthritis Ankylosing spondylitis Juvenile rheumatoid arthritis Hidradenitis suppurativa Uveitis	*Exclusion	*Any care setting	Any	-183	0	--	1	--	--
	HIV/AIDS Organ transplantation	*Exclusion	*Any care setting	Any	Entire patient history	0	--	1	--	--
	Infliximab, adalimumab, or vedolizumab	*Exclusion	*Any care setting	Any	-183	-1	*Evaluation period should search for only evidence of a dispensing date	1	--	--
	Ustekinumab, certolizumab pegol, golimumab, natalizumab, tofacitinib, ozanimod, upadacitinib	*Exclusion	*Any care setting	Any	-183	0	*Evaluation period should search for only evidence of a dispensing date	1	--	--

Appendix L. Specifications Defining Parameters for this Request (Run 1) (continued)

Inclusion/Exclusion Criteria										
Scenario	Inclusion/ Exclusion group	Criteria	Care setting	Principal diagnosis position	Evaluation period start	Evaluation period end	Exclude evidence of days supply if inclusion/exclusion evaluation period includes dispensings	Number of instances the criteria should be found in evaluation period	Forced supply to attach to procedures	Forced supply to attach to NDCs
4	Ulcerative colitis	*Inclusion	*Any care setting	Any	-183	0	--	1	--	--
	Crohn's disease Psoriasis Psoriatic arthritis Rheumatoid arthritis Ankylosing spondylitis Juvenile rheumatoid arthritis Hidradenitis suppurativa Uveitis	*Exclusion	*Any care setting	Any	-183	0	--	1	--	--
	HIV/AIDS Organ transplantation	*Exclusion	*Any care setting	Any	Entire patient history	0	--	1	--	--
	Certolizumab pegol, golimumab, natalizumab, tofacitinib, ozanimod, upadacitinib	*Exclusion	*Any care setting	Any	0	0	*Evaluation period should search for only evidence of a dispensing date	1	---	--
	Ustekinumab	*Exclusion	*Any care setting	Any	-183	0	*Evaluation period should search for only evidence of a dispensing date	1	--	--

Appendix L. Specifications Defining Parameters for this Request (Run 1) (continued)

Inclusion/Exclusion Criteria										
Scenario	Inclusion/ Exclusion group	Criteria	Care setting	Principal diagnosis position	Evaluation period start	Evaluation period end	Exclude evidence of days supply if inclusion/exclusion evaluation period includes dispensings	Number of instances the criteria should be found in evaluation period	Forced supply to attach to procedures	Forced supply to attach to NDCs
5	Ulcerative colitis	*Inclusion	*Any care setting	Any	-183	0	--	1	--	--
	Crohn's disease Psoriasis Psoriatic arthritis Rheumatoid arthritis Ankylosing spondylitis Juvenile rheumatoid arthritis Hidradenitis suppurativa Uveitis	*Exclusion	*Any care setting	Any	-183	0	--	1	--	--
	HIV/AIDS Organ transplantation	*Exclusion	*Any care setting	Any	Entire patient history	0	--	1	--	--
	Infliximab, adalimumab, or vedolizumab	*Exclusion	*Any care setting	Any	-183	-1	*Evaluation period should search for only evidence of a dispensing date	1	--	--
	Ustekinumab, certolizumab pegol, golimumab, natalizumab, tofacitinib, ozanimod, upadacitinib	*Exclusion	*Any care setting	Any	-183	0	*Evaluation period should search for only evidence of a dispensing date	1	--	--

ICD-9, ICD-10, HCPCS, and CPT codes are provided by Optum360.  
NDC codes are checked against First Data Bank's "National Drug Data File (NDDF®) Plus."

**Appendix L. Specifications Defining Parameters for this Request (Run 1) (continued)**

Event Outcome										
Scenario	Event	Incident event washout period	Incident w/ respect to:	Care setting	Principal diagnosis position	Exclude evidence of days supply if event washout includes dispensings	Event de-duplication	Forced supply to attach to dispensings	Blackout period	
1	--	--	--	--	--	--	--	--	--	--
2	Pneumonia (See Appendix N for more detail)	0	--	*Inpatient hospital stay	*Any	--	*De-duplicates occurrences of the same event group on the same day	--	None	
3	Pneumonia (See Appendix N for more detail)	0	--	*Inpatient hospital stay	*Any	--	*De-duplicates occurrences of the same event group on the same day	--	None	
4	Pneumonia (See Appendix N for more detail)	0	--	*Inpatient hospital stay	*Any	--	*De-duplicates occurrences of the same event group on the same day	--	None	
5	Pneumonia (See Appendix N for more detail)	0	--	*Inpatient hospital stay	*Any	--	*De-duplicates occurrences of the same event group on the same day	--	None	
ICD-9, ICD-10, HCPCS, and CPT codes are provided by Optum360. NDC codes are checked against First Data Bank's "National Drug Data File (NDDF®) Plus."										

**Appendix M. Specifications Defining Parameters for this Request (Run 2)**

This request executed the Cohort Identification and Descriptive Analysis (CIDA) tool [version 10.1.0] to estimate rates of utilization among patients with exposure to ustekinumab or Comparator Drugs in the Sentinel Distributed Database (SDD).

**Query period:** November 1, 2019 - February 28, 2022  
**Coverage requirement:** \*Medical & Drug Coverage  
**Pre-index enrollment requirement:** 183 days  
**Enrollment gap:** 45 days  
**Age groups:** 18-24, 25-34, 35-44, 45-54, 55-64, 65-74, 75+  
**Stratifications:** Age group, Sex, Calendar year  
**Tensor output categorization:** None  
**Envelope macro:** \*No reclassification  
**Freeze data:** No

**Exposure**

Scenario	Cohort description	Index exposure	Cohort definition	Incident exposure washout period	Incident with respect to:	Exclude evidence of days supply if exposure washout includes dispensings	Treatment episode gap	Exposure episode extension
1	Ulcerative colitis, ustekinumab, No outcome	ustekinumab	*First valid exposure episodes during query period;	183	ustekinumab	*Evaluation period should search for only evidence of a dispensing date	56 days (8 weeks)	56 days (8 weeks)

ICD-9, ICD-10, HCPCS, and CPT codes are provided by Optum360.  
 NDC codes are checked against First Data Bank's "National Drug Data File (NDDF®) Plus."



Appendix M. Specifications Defining Parameters for this Request (Run 2) (continued)

Scenario	Cohort description	Exposure						
		Minimum days supplied	Maximum exposure episode duration	Care setting	Principal diagnosis position	Forced supply to attach to procedures	Forced supply to attach to NDCs	Sensor treatment episode at evidence of:
1	Ulcerative colitis, ustekinumab, No outcome	None	None	*Any care setting	*Any	56 days (8 weeks)	-- (native days supply)	*Death; *DP end date; *Query end date; *Disenrollment; *Use of comparator drug (certolizumab pegol, golimumab, natalizumab, tofacitinib, ozanimod, upadacitinib, infliximab, adalimumab, or vedolizumab)

ICD-9, ICD-10, HCPCS, and CPT codes are provided by Optum360.  
NDC codes are checked against First Data Bank's "National Drug Data File (NDDF®) Plus."

Appendix M. Specifications Defining Parameters for this Request (Run 2) (continued)

Inclusion/Exclusion Criteria										
Scenario	Inclusion/ Exclusion group	Criteria	Care setting	Principal diagnosis position	Evaluation period start	Evaluation period end	Exclude evidence of days supply if inclusion/exclusion evaluation period includes dispensings	Number of instances the criteria should be found in evaluation period	Forced supply to attach to dispensings	Forced supply to attach to NDCs
1	Ulcerative colitis	*Inclusion	*Any care setting	Any	-183	0	--	1	--	--
	Crohn's disease Psoriasis Psoriatic arthritis Rheumatoid arthritis Ankylosing spondylitis Juvenile rheumatoid arthritis Hidradenitis suppurativa Uveitis	*Exclusion	*Any care setting	Any	-183	0	--	1	--	--
	HIV/AIDS Organ transplantation	*Exclusion	*Any care setting	Any	Entire patient history	0	--	1	--	--
	Certolizumab pegol, golimumab, natalizumab, tofacitinib, ozanimod, upadacitinib, infliximab, adalimumab, or vedolizumab	*Exclusion	*Any care setting	Any	0	0	*Evaluation period should search for only evidence of a dispensing date	1	--	--

ICD-9, ICD-10, HCPCS, and CPT codes are provided by Optum360.  
NDC codes are checked against First Data Bank's "National Drug Data File (NDDF®) Plus."

Appendix M. Specifications Defining Parameters for this Request (Run 2) (continued)

Event Outcome										
Scenario	Event	Incident event washout period	Incident with respect to:	Care setting	Principal diagnosis position	Exclude evidence of days supply if event washout includes dispensings	Event de-duplication	Forced supply to attach to dispensings	Blackout period	
1	--	--	--	--	--	--	--	--	--	--

ICD-9, ICD-10, HCPCS, and CPT codes are provided by Optum360.  
 NDC codes are checked against First Data Bank's "National Drug Data File (NDDF®) Plus."

**Appendix N. Specifications Defining Parameters for Pneumonia Outcome in this Request**

Combination description	Combination date	Encounter type for each combination component	Exclude evidence of days supply if event washout includes dispensings	Principal diagnosis for each combination component
<b>Pneumonia</b> preceded by serious / non-serious infection OR antimicrobial use within 7 days	Date of inpatient admission	Pneumonia: *Inpatient hospital stay  Serious / non-serious infection: *Emergency Department; *Ambulatory Visit; *Other Ambulatory  Antimicrobial use: *Ambulatory visit; *Other ambulatory visit;	Serious infection composite: N/A  Serious / non-serious infection: N/A  Antimicrobial use: No	Pneumonia: *Any  Serious / non-serious infection: *Any  Antimicrobial use: N/A

**Appendix O. Specifications Defining Parameters for Baseline Characteristics in this Request**

Covariate Number	Baseline Characteristic	Combo criteria	Care setting	Principal diagnosis position	Code Category	Evaluation period start	Evaluation period end	Number of instances the covariate should be found in evaluation period	Exclude evidence of days supply if covariate includes dispensings	Forced supply to attach to dispensings
<b>Comorbidity</b>										
1	Abnormal weight loss	--	*Any care setting	*Any	*Diagnosis code	-183	0	1	--	--
2	Acquired hypothyroidism	--	*Any care setting	*Any	*Diagnosis code	-183	0	1	--	--
3	Acute myocardial infarction	--	*Any care setting	*Any	*Diagnosis code	-183	0	1	--	--
4	Alcohol or drug abuse	--	*Any care setting	*Any	*Diagnosis code	-183	0	1	--	--
5	Alzheimer's disease and related disorders or senile dementia	--	*Any care setting	*Any	*Diagnosis code	-183	0	1	--	--
6	Anemia	--	*Any care setting	*Any	*Diagnosis code	-183	0	1	--	--
7	Asthma	--	*Any care setting	*Any	*Diagnosis code	-183	0	1	--	--
8	Atrial fibrillation	--	*Any care setting	*Any	*Diagnosis code	-183	0	1	--	--
9	Benign prostatic hyperplasia - inclusion	--	*Any care setting	*Any	*Diagnosis code	-183	0	1	--	--
10	Benign prostatic hyperplasia - exclusion	--	*Any care setting	*Any	*Diagnosis code	-183	0	1	--	--
11	Cancer, history of	--	*Any care setting	*Any	*Diagnosis code	-183	0	1	--	--
12	Cancer, breast	--	*Any care setting	*Any	*Diagnosis code	-183	0	1	--	--

**Appendix O. Specifications Defining Parameters for Baseline Characteristics in this Request**

Covariate Number	Baseline Characteristic	Combo criteria	Care setting	Principal diagnosis position	Code Category	Evaluation period start	Evaluation period end	Number of instances the covariate should be found in evaluation period	Exclude evidence of days supply if covariate includes dispensings	Forced supply to attach to dispensings
13	Cancer, colorectal	--	*Any care setting	*Any	*Diagnosis code	-183	0	1	--	--
14	Cancer, endometrial	--	*Any care setting	*Any	*Diagnosis code	-183	0	1	--	--
15	Cancer, lung	--	*Any care setting	*Any	*Diagnosis code	-183	0	1	--	--
16	Cancer, prostate	--	*Any care setting	*Any	*Diagnosis code	-183	0	1	--	--
17	Cataract	--	*Any care setting	*Any	*Diagnosis code	-183	0	1	--	--
18	Chronic kidney disease	--	*Any care setting	*Any	*Diagnosis code	-183	0	1	--	--
19	COPD/bronchiectasis	--	*Any care setting	*Any	*Diagnosis code	-183	0	1	--	--
20	Depression	--	*Any care setting	*Any	*Diagnosis code	-183	0	1	--	--
21	Diabetes	--	*Any care setting	*Any	*Diagnosis code	-183	0	1	--	--
22	Glaucoma	--	*Any care setting	*Any	*Diagnosis code	-183	0	1	--	--
23	Heart failure	--	*Any care setting	*Any	*Diagnosis code	-183	0	1	--	--
24	Hip/pelvic fracture	--	*Any care setting	*Any	*Diagnosis code	-183	0	1	--	--
25	Hyperlipidemia	--	*Any care setting	*Any	*Diagnosis code	-183	0	1	--	--

**Appendix O. Specifications Defining Parameters for Baseline Characteristics in this Request**

Covariate Number	Baseline Characteristic	Combo criteria	Care setting	Principal diagnosis position	Code Category	Evaluation period start	Evaluation period end	Number of instances the covariate should be found in evaluation period	Exclude evidence of days supply if covariate includes dispensings	Forced supply to attach to dispensings
26	Hypertension	--	*Any care setting	*Any	*Diagnosis code	-183	0	1	--	--
27	Infection	--	*IP	*Any	*Diagnosis code	-183	0	1	--	--
28	Intestine, fistula	--	*Any care setting	*Any	*Diagnosis code	-183	0	1	--	--
29	Intestine, obstruction	--	*Any care setting	*Any	*Diagnosis code	-183	0	1	--	--
30	Ischemic heart disease	--	*Any care setting	*Any	*Diagnosis code	-183	0	1	--	--
31	Liver disease	--	*Any care setting	*Any	*Diagnosis code	-183	0	1	--	--
32	Obesity	--	*Any care setting	*Any	*Diagnosis code *Procedure code	-183	0	1	--	--
33	Osteoporosis	--	*Any care setting	*Any	*Diagnosis code	-183	0	1	--	--
34	Pancolitis	--	*Any care setting	*Any	*Diagnosis code	-183	0	1	--	--
35	Rheumatoid arthritis/osteoarthritis	--	*Any care setting	*Any	*Diagnosis code	-183	0	1	--	--
36	Stroke/transient ischemic attack - inclusion	--	*Any care setting	*Any	*Diagnosis code	-183	0	1	--	--



**Appendix O. Specifications Defining Parameters for Baseline Characteristics in this Request**

Covariate Number	Baseline Characteristic	Combo criteria	Care setting	Principal diagnosis position	Code Category	Evaluation period start	Evaluation period end	Number of instances the covariate should be found in evaluation period	Exclude evidence of days supply if covariate includes dispensings	Forced supply to attach to dispensings
37	Stroke/transient ischemic attack - exclusion	--	*Any care setting	*Any	*Diagnosis code	-183	0	1	--	--
97	Stroke/TIA	covar36 and NOT covar37								
98	Benign prostatic hyperplasia	covar9 and NOT covar10								
<b>Medication Use: Biologic Immunosuppressant</b>										
38	Adalimumab on index date	--	--		*Drug code *Procedure code	0	0	1	*Evaluation period should search for evidence of a dispensing date	None
39	Infliximab on index date	--	--		*Drug code *Procedure code	0	0	1	*Evaluation period should search for evidence of a dispensing date	None
40	Vedolizumab on index date	--	--		*Drug code *Procedure code	0	0	1	*Evaluation period should search for evidence of a dispensing date	None

**Appendix O. Specifications Defining Parameters for Baseline Characteristics in this Request**

Covariate Number	Baseline Characteristic	Combo criteria	Care setting	Principal diagnosis position	Code Category	Evaluation period start	Evaluation period end	Number of instances the covariate should be found in evaluation period	Exclude evidence of days supply if covariate includes dispensings	Forced supply to attach to dispensings
41	Certolizumab pegol on index date	--	--	--	*Drug code *Procedure code	0	0	1	*Evaluation period should search for evidence of a dispensing date	None
42	Golimumab on index date	--	--	--	*Drug code *Procedure code	0	0	1	*Evaluation period should search for evidence of a dispensing date	None
43	Natalizumab on index date	--	--	--	*Drug code *Procedure code	0	0	1	*Evaluation period should search for evidence of a dispensing date	None
44	Ozanimod on index date	--	--	--	*Drug code *Procedure code	0	0	1	*Evaluation period should search for evidence of a dispensing date	None

**Appendix O. Specifications Defining Parameters for Baseline Characteristics in this Request**

Covariate Number	Baseline Characteristic	Combo criteria	Care setting	Principal diagnosis position	Code Category	Evaluation period start	Evaluation period end	Number of instances the covariate should be found in evaluation period	Exclude evidence of days supply if covariate includes dispensings	Forced supply to attach to dispensings
45	Tofacitinib on index date	--	--	--	*Drug code *Procedure code	0	0	1	*Evaluation period should search for evidence of a dispensing date	None
46	Upadacitinib on index date	--	--	--	*Drug code *Procedure code	0	0	1	*Evaluation period should search for evidence of a dispensing date	None
47	Any comparator: certolizumab pegol, golimumab, natalizumab , ozanimod, tofacitinib, upadacitinib, infliximab, adalimumab, or vedolizumab - on index date	--	--	--	*Drug code *Procedure code	0	0	1	*Evaluation period should search for evidence of a dispensing date	None
48	Adalimumab	--	--	--	*Drug code *Procedure code	-183	-1	1	*Evaluation period should search for evidence of a dispensing date	None

**Appendix O. Specifications Defining Parameters for Baseline Characteristics in this Request**

Covariate Number	Baseline Characteristic	Combo criteria	Care setting	Principal diagnosis position	Code Category	Evaluation period start	Evaluation period end	Number of instances the covariate should be found in evaluation period	Exclude evidence of days supply if covariate includes dispensings	Forced supply to attach to dispensings
49	Certolizumab pegol	--	--	--	*Drug code *Procedure code	-183	-1	1	*Evaluation period should search for evidence of a dispensing date	None
50	Golimumab	--	--	--	*Drug code *Procedure code	-183	-1	1	*Evaluation period should search for evidence of a dispensing date	None
51	Infliximab	--	--	--	*Drug code *Procedure code	-183	-1	1	*Evaluation period should search for evidence of a dispensing date	None
52	Natalizumab	--	--	--	*Drug code *Procedure code	-183	-1	1	*Evaluation period should search for evidence of a dispensing date	None

**Appendix O. Specifications Defining Parameters for Baseline Characteristics in this Request**

Covariate Number	Baseline Characteristic	Combo criteria	Care setting	Principal diagnosis position	Code Category	Evaluation period start	Evaluation period end	Number of instances the covariate should be found in evaluation period	Exclude evidence of days supply if covariate includes dispensings	Forced supply to attach to dispensings
53	Ozanimod	--	--	--	*Drug code *Procedure code	-183	-1	1	*Evaluation period should search for evidence of a dispensing date	None
54	Tofacitinib	--	--	--	*Drug code *Procedure code	-183	-1	1	*Evaluation period should search for evidence of a dispensing date	None
55	Upadacitinib	--	--	--	*Drug code *Procedure code	-183	-1	1	*Evaluation period should search for evidence of a dispensing date	None
56	Vedolizumab	--	--	--	*Drug code *Procedure code	-183	-1	1	*Evaluation period should search for evidence of a dispensing date	None

**Appendix O. Specifications Defining Parameters for Baseline Characteristics in this Request**

Covariate Number	Baseline Characteristic	Combo criteria	Care setting	Principal diagnosis position	Code Category	Evaluation period start	Evaluation period end	Number of instances the covariate should be found in evaluation period	Exclude evidence of days supply if covariate includes dispensings	Forced supply to attach to dispensings
57	Any comparator: certolizumab pegol, golimumab, natalizumab, , ozanimod, tofacitinib, upadacitinib, infliximab, adalimumab, or vedolizumab	--	--	--	*Drug code *Procedure code	-183	-1	1	*Evaluation period should search for evidence of a dispensing date	None
<b>Medication Use: IBD-related</b>										
58	Aminosalicylates (5-ASA)	--	--	--	*Drug code	-183	0	1	*Evaluation period should search for evidence of a dispensing date	None
59	Immunomodulators (thiopurines, cyclosporine, and tacrolimus)	--	--	--	*Drug code	-183	0	1	*Evaluation period should search for evidence of a dispensing date	None
60	Corticosteroids, intravenous	--	--	--	*Drug code *Procedure code	-183	0	1	*Evaluation period should search for evidence of a dispensing date	None

**Appendix O. Specifications Defining Parameters for Baseline Characteristics in this Request**

Covariate Number	Baseline Characteristic	Combo criteria	Care setting	Principal diagnosis position	Code Category	Evaluation period start	Evaluation period end	Number of instances the covariate should be found in evaluation period	Exclude evidence of days supply if covariate includes dispensings	Forced supply to attach to dispensings
61	Corticosteroids, oral	--	--	--	*Drug code	-183	0	1	*Evaluation period should search for evidence of a dispensing date	None
62	Corticosteroids, rectal	--	--	--	*Drug code	-183	0	1	*Evaluation period should search for evidence of a dispensing date	None
<b>Medication Use: General</b>										
63	Antibiotics	--	--	--	*Drug code	-183	0	1	*Evaluation period should search for evidence of a dispensing date	None
64	Antivirals	--	--	--	*Drug code	-183	0	1	*Evaluation period should search for evidence of a dispensing date	None



**Appendix O. Specifications Defining Parameters for Baseline Characteristics in this Request**

Covariate Number	Baseline Characteristic	Combo criteria	Care setting	Principal diagnosis position	Code Category	Evaluation period start	Evaluation period end	Number of instances the covariate should be found in evaluation period	Exclude evidence of days supply if covariate includes dispensings	Forced supply to attach to dispensings
65	Anticoagulants	--	--	--	*Drug code	-183	0	1	*Evaluation period should search for evidence of a dispensing date	None
66	Antidiabetics	--	--	--	*Drug code	-183	0	1	*Evaluation period should search for evidence of a dispensing date	None
67	Antihypertensives	--	--	--	*Drug code	-183	0	1	*Evaluation period should search for evidence of a dispensing date	None
68	Antiplatelets	--	--	--	*Drug code	-183	0	1	*Evaluation period should search for evidence of a dispensing date	None

**Appendix O. Specifications Defining Parameters for Baseline Characteristics in this Request**

Covariate Number	Baseline Characteristic	Combo criteria	Care setting	Principal diagnosis position	Code Category	Evaluation period start	Evaluation period end	Number of instances the covariate should be found in evaluation period	Exclude evidence of days supply if covariate includes dispensings	Forced supply to attach to dispensings
69	Lipid-lowering drugs	--	--	--	*Drug code	-183	0	1	*Evaluation period should search for evidence of a dispensing date	None
70	Non-steroidal anti-inflammatory drugs	--	--	--	*Drug code	-183	0	1	*Evaluation period should search for evidence of a dispensing date	None
71	Opioids	--	--	--	*Drug code	-183	0	1	*Evaluation period should search for evidence of a dispensing date	None
<b>Utilization: General</b>										
72	At least 1 emergency department (ED) encounter	--	*ED	--	--	-183	-1	1	--	--
73	At least 2 emergency department (ED) encounters	--	*ED	--	--	-183	-1	2	--	--

**Appendix O. Specifications Defining Parameters for Baseline Characteristics in this Request**

Covariate Number	Baseline Characteristic	Combo criteria	Care setting	Principal diagnosis position	Code Category	Evaluation period start	Evaluation period end	Number of instances the covariate should be found in evaluation period	Exclude evidence of days supply if covariate includes dispensings	Forced supply to attach to dispensings
74	At least 4 emergency department (ED) encounters	--	*ED	--	--	-183	-1	4	--	--
75	At least 1 outpatient encounter	--	*AV	--	--	-183	-1	1	--	--
76	At least 2 outpatient encounters	--	*AV	--	--	-183	-1	2	--	--
77	At least 4 outpatient encounters	--	*AV	--	--	-183	-1	4	--	--
78	At least 1 inpatient (IP) encounter	--	*IP	--	--	-183	-1	1	--	--
79	At least 2 inpatient (IP) encounters	--	*IP	--	--	-183	-1	2	--	--
80	At least 4 inpatient (IP) encounters	--	*IP	--	--	-183	-1	4	--	--
<b>Utilization: GI-related</b>										
81	At least 1 GI-related emergency department (ED) encounter	--	*ED	--	*Diagnosis code *Procedure code	-183	-1	1	--	--
82	At least 2 GI-related emergency department (ED) encounters	--	*ED	--	*Diagnosis code *Procedure code	-183	-1	2	--	--

**Appendix O. Specifications Defining Parameters for Baseline Characteristics in this Request**

Covariate Number	Baseline Characteristic	Combo criteria	Care setting	Principal diagnosis position	Code Category	Evaluation period start	Evaluation period end	Number of instances the covariate should be found in evaluation period	Exclude evidence of days supply if covariate includes dispensings	Forced supply to attach to dispensings
83	At least 4 GI-related emergency department (ED) encounters	--	*ED	--	*Diagnosis code *Procedure code	-183	-1	4	--	--
84	At least 1 GI-related inpatient (IP) encounter	--	*IP	*Principal	*Diagnosis code *Procedure code	-183	-1	1	--	--
85	At least 2 GI-related inpatient (IP) encounters	--	*IP	*Principal	*Diagnosis code *Procedure code	-183	-1	2	--	--
86	At least 4 GI-related inpatient (IP) encounters	--	*IP	*Principal	*Diagnosis code *Procedure code	-183	-1	4	--	--
<b>Utilization: General</b>										
87	0-1 emergency department (ED) encounters	(covar72 and NOT covar73) or (NOT covar72)	*ED	--	*Combination of multiple covariate values	-183	-1	--	--	--
88	2-3 emergency department (ED) encounters	covar73 and NOT covar74	*ED	--	*Combination of multiple covariate values	-183	-1	--	--	--

**Appendix O. Specifications Defining Parameters for Baseline Characteristics in this Request**

Covariate Number	Baseline Characteristic	Combo criteria	Care setting	Principal diagnosis position	Code Category	Evaluation period start	Evaluation period end	Number of instances the covariate should be found in evaluation period	Exclude evidence of days supply if covariate includes dispensings	Forced supply to attach to dispensings
89	0-1 outpatient encounters	(covar75 and NOT covar76) or (NOT covar75)	*AV	--	*Combination of multiple covariate values	-183	-1	--	--	--
90	2-3 outpatient encounters	covar76 and NOT covar77	*AV	--	*Combination of multiple covariate values	-183	-1	--	--	--
91	0-1 inpatient (IP) encounters	(covar78 and NOT covar79) or (NOT covar78)	*IP	--	*Combination of multiple covariate values	-183	-1	--	--	--
92	2-3 inpatient (IP) encounters	covar79 and NOT covar80	*IP	--	*Combination of multiple covariate values	-183	-1	--	--	--
<b>Utilization: GI-related</b>										
93	0-1 GI-related emergency department (ED) encounters	(covar81 and NOT covar82) or (NOT covar81)	*ED	--	*Combination of multiple covariate values	-183	-1	--	--	--
94	2-3 GI-related emergency department (ED) encounters	covar82 and NOT covar83	*ED	--	*Combination of multiple covariate values	-183	-1	--	--	--

**Appendix O. Specifications Defining Parameters for Baseline Characteristics in this Request**

Covariate Number	Baseline Characteristic	Combo criteria	Care setting	Principal diagnosis position	Code Category	Evaluation period start	Evaluation period end	Number of instances the covariate should be found in evaluation period	Exclude evidence of days supply if covariate includes dispensings	Forced supply to attach to dispensings
95	0-1 GI-related inpatient (IP) encounters	(covar84 and NOT covar85) or (NOT covar84)	*IP	--	*Combination of multiple covariate values	-183	-1	--	--	--
96	2-3 GI-related inpatient (IP) encounters	covar85 and NOT covar86	*IP	--	*Combination of multiple covariate values	-183	-1	--	--	--
<b>Utilization: General</b>										
--	Number of unique drug classes dispensed	--	--	--	--	-183	-1	--	--	--

Appendix P. Design Diagram Example for this Request (Scenario 2: Patients with Crohn's Disease Using Comparator Treatments)

