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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

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_mpl1r_wp086

Request ID: cder_mpl1r_wp086_nsdv_v01

Request Description: This report contains estimates of sacubitril/valsartan uptake in the Sentinel Distributed Database (SDD).

Sentinel Modular Program Tool Used: Cohort Identification and Descriptive Analysis (CIDA) tool, version 5.4.1

Data Source: We included data from June 1, 2015 to June 30, 2018 from 17 Data Partners contributing to the SDD in this request. We distributed this request to Data Partners on September 18, 2018 and September 24, 2018. Please see Appendix A for a list of dates of available data for each Data Partner.

Study Design: The request was designed to assess background rates of incident new users of sacubitril/valsartan. The number of qualifying patients with the exposure of interest were calculated.

Exposures of Interest: The exposures of interest were sacubitril/valsartan, angiotensin-converting enzyme (ACE) inhibitors, and beta blockers. These were defined by National Drug Codes (NDCs). Please see Appendix B for a list of generic names of medical products.

Cohort Eligibility Criteria: We required members in all cohorts to be continuously enrolled in health plans with medical and drug coverage for at least 6 months (183 days) prior to their dispensing date, during which gaps in coverage of up to 45 days were allowed. We included the following age groups in the cohort: 18-44, 45-54, 55-64, and 65+ years. A member's first qualifying exposure dispensed on or after June 1, 2015 was included. The three main cohorts were:

1) Incident Exposure:

We included individuals who had new use of one of the exposures of interest, with no evidence of sacubitril/valsartan, ACE inhibitors, beta blockers, angiotensin receptor blockers (ARBs), or aliskiren in the 183 days prior to or on the dispensing date of the exposure of interest. We defined all incidence criteria by NDCs. For codes used to define incidence criteria, please see Appendix C for a list of generic and brand names of medical products.

2) Incident Exposure with History of Heart Failure:

In addition to the requirements of cohort (1), we restricted cohort (2) to individuals with evidence of heart failure in the 183 days prior to or on the dispensing date of the exposure of interest. We defined heart failure using International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) diagnosis codes. Please see Appendix D for specific codes.

3) Incident Sacubitril/Valsartan Exposure, with Prior and/or Concomitant Dispensings of ACE Inhibitors, Beta Blockers, ARBs, or Aliskiren:

This cohort included new users of sacubitril/valsartan, with no dispensings of sacubitril/valsartan in the 183 days prior to the index sacubitril/valsartan dispensing date. We only included individuals in this cohort if they had dispensings of ACE inhibitors, beta blockers, ARBs, or aliskiren in the 183 days prior to and including the dispensing date of the exposure of interest.

Baseline Characteristics: Baseline characteristics were evaluated in the 183 days prior to and including the dispensing date of the exposure of interest. Baseline characteristics of interest were: age, sex, race, year of index exposure, combined comorbidity score, ambulatory allergies, serious allergies, diabetes, heart failure, ischemic heart disease, nonsteroidal anti-inflammatory drugs (NSAIDs), sirolimus, and everolimus. Baseline characteristics were defined with NDCs and ICD-9-CM and ICD-10-CM diagnosis codes. Please refer to Appendices E-F for specific codes used to define baseline characteristics.

Please see Appendices G and H for the specifications of parameters used in the analyses for this request and pictorial summaries of the query scenarios.

Limitations: Algorithms used to define events are imperfect; thus, it is possible that there may be misclassification. Therefore, data should be interpreted with this limitation in mind.

Notes: Please contact the Sentinel Operations Center (info@sentinelssystem.org) for questions and to provide comments/suggestions for future enhancements to this document

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**Glossary of Terms for Analyses Using
Cohort Identification and Descriptive Analysis (CIDA) Tool***

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.

Code Days - indicates the number of times a condition occurs in a member's enrollment history during the lookback period. Multiple codes identified on the same day will only count once (i.e., count code days and not code instances).

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.

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.

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

Users - number of members with exposure during the query period. Member must have no evidence of exposure(s) of interest (defined by incidence criteria) in the prior washout period. A user may only be counted once in a query period.

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.

*not all terms may be used in this report

**incident treatment episodes must be incident to both the exposure and the event

Table 1a. Aggregated Baseline Table for Incident Users of Sacubitril/Valsartan, Angiotensin-Converting Enzyme (ACE) Inhibitors, and Beta Blockers in the Sentinel Distributed Database (SDD), Between June 1, 2015 and June 30, 2018

Characteristic	Medical Product					
	Sacubitril/Valsartan		ACE Inhibitors		Beta Blockers	
	Number	Percent	Number	Percent	Number	Percent
Patients	1,118	100%	2,137,261	100%	1,824,627	100%
Patient Characteristics	Mean	Standard Deviation	Mean	Standard Deviation	Mean	Standard Deviation
Mean age	70.9	12.3	59.8	12.4	60.7	15.2
Age	Number	Percent	Number	Percent	Number	Percent
18-44 years	39	3.5%	351,823	16.5%	391,541	21.5%
45-54 years	90	8.1%	446,372	20.9%	257,918	14.1%
55-64 years	206	18.4%	502,074	23.5%	315,793	17.3%
65+ years	783	70.0%	836,992	39.2%	859,375	47.1%
Sex						
Female	*****	*****	1,010,670	47.3%	1,043,479	57.2%
Male	791	70.8%	1,126,530	52.7%	781,096	42.8%
Other	*****	*****	61	0.0%	52	0.0%
Race						
Unknown	314	28.1%	1,016,416	47.6%	727,508	39.9%
American Indian or Alaska Native	*****	*****	11,059	0.5%	7,081	0.4%
Asian	*****	*****	45,430	2.1%	36,761	2.0%
Black or African American	126	11.3%	166,570	7.8%	133,682	7.3%
Native Hawaiian or Other Pacific Islander	*****	*****	7,475	0.3%	4,150	0.2%
White	659	58.9%	890,311	41.7%	915,445	50.2%
Year						
2015	75	6.7%	629,997	29.5%	539,932	29.6%
2016	676	60.5%	1,045,041	48.9%	913,194	50.0%
2017	315	28.2%	418,233	19.6%	335,835	18.4%
2018	52	4.7%	43,990	2.1%	35,666	2.0%
Recorded History of:	Mean	Standard Deviation	Mean	Standard Deviation	Mean	Standard Deviation
Combined comorbidity score	4.6	2.6	0.4	1.8	1.8	2.7
	Number	Percent	Number	Percent	Number	Percent
Ambulatory Allergies	472	42.2%	667,931	31.3%	685,414	37.6%
Serious Allergies	70	6.3%	65,580	3.1%	121,333	6.6%
Diabetes	463	41.4%	624,312	29.2%	337,880	18.5%
Heart Failure	956	85.5%	79,636	3.7%	213,211	11.7%
Ischemic Heart Disease	779	69.7%	164,937	7.7%	422,507	23.2%
NSAIDS	123	11.0%	407,664	19.1%	337,743	18.5%
Sirolimus	*****	*****	283	0.0%	545	0.0%
Everolimus	0	0.0%	255	0.0%	450	0.0%
Health Service Utilization Intensity:	Mean	Standard Deviation	Mean	Standard Deviation	Mean	Standard Deviation
Mean number of generic drugs	8.3	5.2	5.6	4.0	7.0	4.7
Mean number of unique drug classes	7.8	4.8	5.3	3.6	6.7	4.2
Mean number of filled prescriptions	18.9	17.7	11.4	12.6	14.7	15.0
Mean number of emergency room encounters (ED)	0.6	1.2	0.3	0.9	0.5	1.3
Mean number of inpatient hospital encounters (IP)	0.5	0.9	0.1	0.5	0.4	0.8
Mean number of non-acute institutional encounters (IS)	0.2	1.2	0.0	0.4	0.1	0.6

Table 1a. Aggregated Baseline Table for Incident Users of Sacubitril/Valsartan, Angiotensin-Converting Enzyme (ACE) Inhibitors, and Beta Blockers in the Sentinel Distributed Database (SDD), Between June 1, 2015 and June 30, 2018

Characteristic	Medical Product					
	Sacubitril/Valsartan		ACE Inhibitors		Beta Blockers	
	Mean	Standard Deviation	Mean	Standard Deviation	Mean	Standard Deviation
Health Service Utilization Intensity:						
Mean number of ambulatory encounters (AV)	15.0	13.2	6.5	7.3	9.6	10.0
Mean number of other ambulatory encounters (OA)	5.2	9.8	2.2	5.2	4.3	9.2

¹Race data may not be completely populated at all Data Partners; therefore, data about race may be incomplete

*****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 Incident Users of Sacubitril/Valsartan, Angiotensin-Converting Enzyme (ACE) Inhibitors, and Beta Blockers, with History of Heart Failure in the Sentinel Distributed Database (SDD), Between June 1, 2015 and June 30, 2018

Characteristic	Medical Product					
	Sacubitril/Valsartan		ACE Inhibitors		Beta Blockers	
	Number	Percent	Number	Percent	Number	Percent
Patients	956	100%	80,834	100%	216,021	100%
Patient Characteristics	Mean	Standard Deviation	Mean	Standard Deviation	Mean	Standard Deviation
Mean age	71.1	12.3	72.0	13.3	73.5	13.4
Age	Number	Percent	Number	Percent	Number	Percent
18-44 years	31	3.2%	3,322	4.1%	7,857	3.6%
45-54 years	81	8.5%	6,567	8.1%	14,529	6.7%
55-64 years	169	17.7%	12,520	15.5%	29,238	13.5%
65+ years	675	70.6%	58,425	72.3%	164,397	76.1%
Sex						
Female	*****	*****	42,027	52.0%	109,721	50.8%
Male	673	70.4%	*****	*****	*****	*****
Other	*****	*****	*****	*****	*****	*****
Race ¹						
Unknown	252	26.4%	14,111	17.5%	36,347	16.8%
American Indian or Alaska Native	*****	*****	565	0.7%	1,184	0.5%
Asian	*****	*****	1,048	1.3%	3,268	1.5%
Black or African American	112	11.7%	11,671	14.4%	28,621	13.2%
Native Hawaiian or Other Pacific Islander	*****	*****	179	0.2%	486	0.2%
White	576	60.3%	53,260	65.9%	146,115	67.6%
Year						
2015	66	6.9%	26,299	32.5%	68,094	31.5%
2016	584	61.1%	44,251	54.7%	119,529	55.3%
2017	261	27.3%	9,245	11.4%	25,495	11.8%
2018	45	4.7%	1,039	1.3%	2,903	1.3%
Recorded History of:	Mean	Standard Deviation	Mean	Standard Deviation	Mean	Standard Deviation
Combined comorbidity score	4.9	2.5	5.1	2.8	6.2	3.1
	Number	Percent	Number	Percent	Number	Percent
Ambulatory Allergies	421	44.0%	39,013	48.3%	104,937	48.6%
Serious Allergies	68	7.1%	10,004	12.4%	33,797	15.6%
Diabetes	398	41.6%	36,394	45.0%	89,302	41.3%
Heart Failure	956	100.0%	80,834	100.0%	216,021	100.0%
Ischemic Heart Disease	678	70.9%	36,285	44.9%	128,888	59.7%
NSAIDS	100	10.5%	14,567	18.0%	31,539	14.6%
Sirolimus	*****	*****	35	0.0%	121	0.1%
Everolimus	0	0.0%	24	0.0%	100	0.0%
Health Service Utilization Intensity:	Mean	Standard Deviation	Mean	Standard Deviation	Mean	Standard Deviation
Mean number of generic drugs	8.5	5.3	9.8	5.7	10.3	5.6
Mean number of unique drug classes	8.1	4.8	9.1	5.1	9.7	5.0
Mean number of filled prescriptions	19.2	17.5	23.1	22.0	22.8	20.6
Mean number of emergency room encounters (ED)	0.6	1.2	0.9	1.8	0.9	1.9
Mean number of inpatient hospital encounters (IP)	0.5	0.9	0.8	1.1	1.1	1.2
Mean number of non-acute institutional encounters (IS)	0.3	1.3	0.4	1.0	0.5	1.2

Table 1b. Aggregated Baseline Table for Incident Users of Sacubitril/Valsartan, Angiotensin-Converting Enzyme (ACE) Inhibitors, and Beta Blockers, with History of Heart Failure in the Sentinel Distributed Database (SDD), Between June 1, 2015 and June 30, 2018

Characteristic	Medical Product					
	Sacubitril/Valsartan		ACE Inhibitors		Beta Blockers	
	Mean	Standard Deviation	Mean	Standard Deviation	Mean	Standard Deviation
Health Service Utilization Intensity:						
Mean number of ambulatory encounters (AV)	15.6	13.3	12.5	11.1	14.3	12.7
Mean number of other ambulatory encounters (OA)	5.6	9.8	9.3	13.5	12.7	17.2

¹Race data may not be completely populated at all Data Partners; therefore, data about race may be incomplete

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Table 1c. Aggregated Baseline Table for Incident Users of Sacubitril/Valsartan, with Prior and/or Concomitant Use of Angiotensin-Converting Enzyme (ACE) Inhibitors, Beta Blockers, Angiotensin Receptor Blockers (ARBs), or Aliskiren in the Sentinel Distributed Database (SDD), Between June 1, 2015 and June 30, 2018

		Medical Product	
Characteristic	Sacubitril/Valsartan		
	Number	Percent	
Patients	37,202	100%	
Patient Characteristics	Mean	Standard Deviation	
Mean age	69.5	11.5	
Age	Number	Percent	
18-44 years	1,468	3.9%	
45-54 years	3,154	8.5%	
55-64 years	6,743	18.1%	
65+ years	25,837	69.5%	
Sex			
Female	11,733	31.5%	
Male	25,469	68.5%	
Other	0	0.0%	
Race ¹			
Unknown	8,992	24.2%	
American Indian or Alaska Native	94	0.3%	
Asian	407	1.1%	
Black or African American	4,758	12.8%	
Native Hawaiian or Other Pacific Islander	65	0.2%	
White	22,886	61.5%	
Year			
2015	3,006	8.1%	
2016	24,240	65.2%	
2017	8,847	23.8%	
2018	1,109	3.0%	
Recorded History of:	Mean	Standard Deviation	
Combined comorbidity score	4.8	2.5	
	Number	Percent	
Ambulatory Allergies	17,914	48.2%	
Serious Allergies	2,832	7.6%	
Diabetes	17,816	47.9%	
Heart Failure	33,626	90.4%	
Ischemic Heart Disease	28,217	75.8%	
NSAIDs	5,186	13.9%	
Sirolimus	*****	*****	
Everolimus	*****	*****	
ACE inhibitors	19,643	52.8%	
Beta blockers	35,889	96.5%	
ARBs	12,795	34.4%	
Aliskiren	49	0.1%	
Health Service Utilization Intensity:	Mean	Standard Deviation	
Mean number of generic drugs	12.9	5.3	
Mean number of unique drug classes	11.4	4.6	
Mean number of filled prescriptions	31.5	19.4	
Mean number of emergency room encounters (ED)	0.6	1.3	

Table 1c. Aggregated Baseline Table for Incident Users of Sacubitril/Valsartan, with Prior and/or Concomitant Use of Angiotensin-Converting Enzyme (ACE) Inhibitors, Beta Blockers, Angiotensin Receptor Blockers (ARBs), or Aliskiren in the Sentinel Distributed Database (SDD), Between June 1, 2015 and June 30, 2018

Characteristic	Medical Product	
	Sacubitril/Valsartan	
Health Service Utilization Intensity:	Mean	Standard Deviation
Mean number of inpatient hospital encounters (IP)	0.6	1.0
Mean number of non-acute institutional encounters (IS)	0.2	0.9
Mean number of ambulatory encounters (AV)	16.6	10.9
Mean number of other ambulatory encounters (OA)	5.9	8.8

¹Race data may not be completely populated at all Data Partners; therefore, data about race may be incomplete

****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 Incident Dispensings of Sacubitril/Valsartan, Angiotensin-Converting Enzyme (ACE) Inhibitors, and Beta Blockers in the Sentinel Distributed Database (SDD), First Valid Episode Only, with 183-Day Washout, Between June 1, 2015 and June 30, 2018, Overall

	New Users	Eligible Members ¹	Number of New Users per 1,000 Eligible Members	New Episodes	Adjusted Dispensings ²	Days Supplied	Amount Supplied	Eligible Member-Days ¹
Sacubitril/Valsartan	1,118	59,711,876	0.02	1,118	1,118	39,051	73,943	28,352,368,958
ACE Inhibitors	2,137,261	59,720,392	35.79	2,137,261	2,163,499	99,756,470	106,926,311	28,281,672,849
Beta Blockers	1,824,627	59,718,897	30.55	1,824,627	1,872,221	75,267,954	109,779,812	28,266,606,891
Sacubitril/Valsartan, with History of Heart Failure	956	1,515,435	0.63	956	956	33,544	63,696	258,533,653
ACE Inhibitors, with History of Heart Failure	80,834	1,520,532	53.16	80,834	81,493	3,411,360	3,669,910	257,746,192
Beta Blockers, with History of Heart Failure	216,021	1,523,367	141.80	216,021	224,738	8,396,073	13,421,597	256,803,523
Sacubitril/Valsartan, with Prior and/or Concomitant Use of ACE Inhibitors, Beta Blockers, Angiotensin Receptor Blockers (ARBs), or Aliskiren	37,202	27,786,767	1.34	37,202	37,202	1,391,375	2,719,661	13,598,533,099

¹Eligible Members, Eligible Member-Days, and Member-Years are reflective of the number of patients that met all cohort entry criteria on at least one day during the query period.

²When multiple dispensings occur on the same day with same stockpiling group, this is counted as 1 dispensing.

Appendix A. Start and End Dates for Each Data Partner (DP) up to Start and End Dates for Each Data Partner (DP) up to Request End Date (June 30, 2018) as of Query Distribution

DP ID	Start Date ¹	End Date ¹
DP01	01/01/2000	10/31/2017
DP02	01/01/2000	03/31/2018
DP03	01/01/2004	05/31/2018
DP04	01/01/2008	03/31/2018
DP05	01/01/2000	06/30/2017
DP06	01/01/2006	12/31/2017
DP07	01/01/2000	12/31/2017
DP08	06/01/2007	01/31/2018
DP09	01/01/2000	03/31/2016
DP10	01/01/2005	12/17/2017
DP11	01/01/2000	06/30/2018
DP12	01/01/2000	03/31/2018
DP13	01/01/2000	12/31/2016
DP14	01/01/2000	05/31/2015
DP15	01/01/2012	06/30/2017
DP16	01/01/2008	06/30/2017
DP17	01/01/2010	12/31/2016

¹The 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 Generic Names of Medical Products Used to Define Exposures in this Request

Generic Name

Sacubitril/Valsartan

Sacubitril/Valsartan

Angiotensin-Converting Enzyme (ACE) Inhibitors

Moexipril HCl/Hydrochlorothiazide

Captopril

Quinapril HCl

Benazepril HCl

Ramipril

Enalapril Maleate

Lisinopril

Moexipril HCl

Lisinopril/Hydrochlorothiazide

Fosinopril Sodium

Enalapril Maleate/Hydrochlorothiazide

Perindopril Erbumine

Moexipril HCl

Amlodipine Besylate/Benazepril HCl

Perindopril Erbumine

Trandolapril/Verapamil HCl

Ramipril

Amlodipine Besylate/Benazepril HCl

Benazepril HCl

Benazepril HCl/Hydrochlorothiazide

Lisinopril

Lisinopril/Hydrochlorothiazide

Trandolapril

Trandolapril

Quinapril HCl/Hydrochlorothiazide

Fosinopril Sodium/Hydrochlorothiazide

Lisinopril

Captopril

Enalapril Maleate

Moexipril HCl/Hydrochlorothiazide

Quinapril HCl/Hydrochlorothiazide

Quinapril HCl

Trandolapril/Verapamil HCl

Benazepril HCl/Hydrochlorothiazide

Captopril/Hydrochlorothiazide

Lisinopril

Enalapril Maleate

Enalaprilat Dihydrate

Perindopril Arginine/Amlodipine Besylate

Enalapril Maleate

Lisinopril

Benazepril HCl

Enalapril Maleate/Hydrochlorothiazide

Appendix B. List of Generic Names of Medical Products Used to Define Exposures in this Request

Generic Name

Beta Blockers

Metoprolol Tartrate/Hydrochlorothiazide
Metoprolol Succinate/Hydrochlorothiazide
Atenolol/Chlorthalidone
Atenolol/Chlorthalidone
Atenolol/Chlorthalidone
Bisoprolol Fumarate/Hydrochlorothiazide
Propranolol HCl/Hydrochlorothiazide
Metoprolol Tartrate/Hydrochlorothiazide
Metoprolol Succinate/Hydrochlorothiazide
Nadolol/Bendroflumethiazide
Bisoprolol Fumarate/Hydrochlorothiazide
Nadolol/Bendroflumethiazide
Carvedilol
Carvedilol
Atenolol
Sotalol HCl
Metoprolol Succinate
Metoprolol Tartrate
Nebivolol HCl
Propranolol HCl
Sotalol HCl
Labetalol HCl
Esmolol HCl
Labetalol HCl
Metoprolol Succinate
Nadolol
Propranolol HCl
Carvedilol Phosphate
Bisoprolol Fumarate
Atenolol
Atenolol
Metoprolol Tartrate
Nadolol
Acebutolol HCl
Timolol Maleate
Sotalol HCl
Sotalol HCl
Acebutolol HCl
Bisoprolol Fumarate
Propranolol HCl
Labetalol HCl
Labetalol In Dextrose 5 % In Water
Sotalol HCl
Pindolol
Betaxolol HCl

Appendix B. List of Generic Names of Medical Products Used to Define Exposures in this Request

Generic Name

Propranolol HCl

Metoprolol Tartrate

Propranolol HCl

Sotalol HCl

Carvedilol Phosphate

Propranolol HCl

Esmolol HCl In Sodium Chloride, Iso-Osmotic

Esmolol HCl

Nadolol

Timolol Maleate

Penbutolol Sulfate

Appendix C. List of Generic and Brand Names of Medical Products Used to Define Incidence Criteria in this Request

Generic Name	Brand Name
Sacubitril/Valsartan	
Sacubitril/Valsartan	Entresto
Angiotensin-Converting Enzyme (ACE) Inhibitors	
Moexipril HCl/Hydrochlorothiazide	Uniretic
Captopril	captopril
Quinapril HCl	quinapril
Benazepril HCl	benazepril
Ramipril	ramipril
Enalapril Maleate	enalapril maleate
Lisinopril	lisinopril
Moexipril HCl	moexipril
Lisinopril/Hydrochlorothiazide	lisinopril-hydrochlorothiazide
Fosinopril Sodium	fosinopril
Enalapril Maleate/Hydrochlorothiazide	enalapril-hydrochlorothiazide
Perindopril Erbumine	Aceon
Moexipril HCl	Univasc
Amlodipine Besylate/Benazepril HCl	amlodipine-benazepril
Perindopril Erbumine	perindopril erbumine
Trandolapril/Verapamil HCl	Tarka
Ramipril	Altace
Amlodipine Besylate/Benazepril HCl	Lotrel
Benazepril HCl	Lotensin
Benazepril HCl/Hydrochlorothiazide	benazepril-hydrochlorothiazide
Lisinopril	Zestril
Lisinopril/Hydrochlorothiazide	Zestoretic
Trandolapril	Mavik
Trandolapril	trandolapril
Quinapril HCl/Hydrochlorothiazide	quinapril-hydrochlorothiazide
Fosinopril Sodium/Hydrochlorothiazide	fosinopril-hydrochlorothiazide
Lisinopril	Prinivil
Captopril	captopril (bulk)
Enalapril Maleate	Epaned
Moexipril HCl/Hydrochlorothiazide	moexipril-hydrochlorothiazide
Quinapril HCl/Hydrochlorothiazide	Accuretic
Quinapril HCl	Accupril
Trandolapril/Verapamil HCl	trandolapril-verapamil
Benazepril HCl/Hydrochlorothiazide	Lotensin HCT
Captopril/Hydrochlorothiazide	captopril-hydrochlorothiazide
Lisinopril	lisinopril (bulk)
Enalapril Maleate	Vasotec
Enalaprilat Dihydrate	enalaprilat
Perindopril Arginine/Amlodipine Besylate	Prestalia
Enalapril Maleate	enalapril maleate (bulk)
Lisinopril	Qbrelis
Benazepril HCl	benazepril HCl (bulk)
Enalapril Maleate/Hydrochlorothiazide	Vaseretic

Appendix C. List of Generic and Brand Names of Medical Products Used to Define Incidence Criteria in this Request

Generic Name	Brand Name
Beta Blockers	
Metoprolol Tartrate/Hydrochlorothiazide	metoprolol ta-hydrochlorothiaz
Metoprolol Succinate/Hydrochlorothiazide	Dutoprol
Atenolol/Chlorthalidone	atenolol-chlorthalidone
Atenolol/Chlorthalidone	Tenoretic 100
Atenolol/Chlorthalidone	Tenoretic 50
Bisoprolol Fumarate/Hydrochlorothiazide	bisoprolol-hydrochlorothiazide
Propranolol HCl/Hydrochlorothiazide	propranolol-hydrochlorothiazid
Metoprolol Tartrate/Hydrochlorothiazide	Lopressor HCT
Metoprolol Succinate/Hydrochlorothiazide	metoprolol su-hydrochlorothiaz
Nadolol/Bendroflumethiazide	nadolol-bendroflumethiazide
Bisoprolol Fumarate/Hydrochlorothiazide	Ziac
Nadolol/Bendroflumethiazide	Corzide
Carvedilol	Coreg
Carvedilol	carvedilol
Atenolol	atenolol
Sotalol HCl	Sotalol AF
Metoprolol Succinate	metoprolol succinate
Metoprolol Tartrate	metoprolol tartrate
Nebivolol HCl	Bystolic
Propranolol HCl	InnoPran XL
Sotalol HCl	sotalol
Labetalol HCl	labetalol
Esmolol HCl	esmolol
Labetalol HCl	Trandate
Metoprolol Succinate	Toprol XL
Nadolol	nadolol
Propranolol HCl	propranolol
Carvedilol Phosphate	Coreg CR
Bisoprolol Fumarate	bisoprolol fumarate
Atenolol	Tenormin
Atenolol	atenolol (bulk)
Metoprolol Tartrate	metoprolol tartrate (bulk)
Nadolol	Corgard
Acebutolol HCl	acebutolol
Timolol Maleate	timolol maleate (bulk)
Sotalol HCl	Betapace
Sotalol HCl	Betapace AF
Acebutolol HCl	Sectral
Bisoprolol Fumarate	Zebeta
Propranolol HCl	Inderal XL
Labetalol HCl	labetalol (bulk)
Labetalol In Dextrose 5 % In Water	labetalol in dextrose 5 %
Sotalol HCl	Sorine
Pindolol	pindolol
Betaxolol HCl	betaxolol

Appendix C. List of Generic and Brand Names of Medical Products Used to Define Incidence Criteria in this Request

Generic Name	Brand Name
Propranolol HCl	Inderal LA
Metoprolol Tartrate	Lopressor
Propranolol HCl	propranolol (bulk)
Sotalol HCl	Sotylize
Carvedilol Phosphate	carvedilol phosphate
Propranolol HCl	Hemangeol
Esmolol HCl In Sodium Chloride, Iso-Osmotic	Brevibloc in NaCl (iso-osm)
Esmolol HCl	Brevibloc
Nadolol	nadolol (bulk)
Timolol Maleate	timolol maleate
Penbutolol Sulfate	Levatol
Angiotensin Receptor Blockers (ARBs)	
Candesartan Cilexetil	Atacand
Candesartan Cilexetil/Hydrochlorothiazide	candesartan-hydrochlorothiazid
Irbesartan/Hydrochlorothiazide	irbesartan-hydrochlorothiazide
Irbesartan	irbesartan
Valsartan/Hydrochlorothiazide	valsartan-hydrochlorothiazide
Irbesartan	Avapro
Losartan Potassium/Hydrochlorothiazide	losartan-hydrochlorothiazide
Losartan Potassium	losartan
Valsartan	Diovan
Eprosartan Mesylate/Hydrochlorothiazide	Teveten HCT
Irbesartan/Hydrochlorothiazide	Avalide
Valsartan/Hydrochlorothiazide	Diovan HCT
Losartan Potassium	Cozaar
Azilsartan Medoxomil/Chlorthalidone	Edarbyclor
Azilsartan Medoxomil	Edarbi
Telmisartan/Hydrochlorothiazide	Micardis HCT
Olmesartan Medoxomil/Hydrochlorothiazide	Benicar HCT
Telmisartan	Micardis
Olmesartan Medoxomil	Benicar
Losartan Potassium/Hydrochlorothiazide	Hyzaar
Valsartan	valsartan
Amlodipine Besylate/Valsartan/Hydrochlorothiazide	Exforge HCT
Eprosartan Mesylate	Teveten
Telmisartan/Hydrochlorothiazide	telmisartan-hydrochlorothiazid
Amlodipine Besylate/Valsartan	amlodipine-valsartan
Telmisartan	telmisartan
Candesartan Cilexetil	candesartan
Olmesartan Medoxomil/Amlodipine Besylate/Hydrochlorothiazide	Tribenzor
Amlodipine Besylate/Olmesartan Medoxomil	Azor
Amlodipine Besylate/Olmesartan Medoxomil	amlodipine-olmesartan
Olmesartan Medoxomil	olmesartan
Olmesartan Medoxomil/Hydrochlorothiazide	olmesartan-hydrochlorothiazide
Telmisartan/Amlodipine Besylate	telmisartan-amlodipine
Amlodipine Besylate/Valsartan/Hydrochlorothiazide	amlodipine-valsartan-hcthiazid

Appendix C. List of Generic and Brand Names of Medical Products Used to Define Incidence Criteria in this Request

Generic Name	Brand Name
Olmesartan Medoxomil/Amlodipine Besylate/Hydrochlorothiazide	olmesartan-amlodipin-hcthiazid
Amlodipine Besylate/Valsartan	Exforge
Telmisartan/Amlodipine Besylate	Twynsta
Candesartan Cilexetil/Hydrochlorothiazide	Atacand HCT
Sacubitril/Valsartan	Entresto
Eprosartan Mesylate	eprosartan
Nebivolol HCl/Valsartan	Byvalson
Aliskiren	
Aliskiren Hemifumarate	Tekturna
Aliskiren Hemifumarate/Amlodipine/Hydrochlorothiazide	Amturnide
Aliskiren Hemifumarate/Amlodipine Besylate	Tekamlo
Aliskiren Hemifumarate/Hydrochlorothiazide	Tekturna HCT

Appendix D. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes Used to Define Inclusion Criteria in this Request

Code	Full Description	Code Type
Heart Failure		
398.91	Rheumatic heart failure (congestive)	ICD-9-CM
402.01	Malignant hypertensive heart disease with heart failure	ICD-9-CM
402.11	Benign hypertensive heart disease with heart failure	ICD-9-CM
402.91	Hypertensive heart disease, unspecified, with heart failure	ICD-9-CM
404.01	Hypertensive heart and chronic kidney disease, malignant, with heart failure and with chronic kidney disease stage I through stage IV, or unspecified	ICD-9-CM
404.03	Hypertensive heart and chronic kidney disease, malignant, with heart failure and with chronic kidney disease stage V or end stage renal disease	ICD-9-CM
404.11	Hypertensive heart and chronic kidney disease, benign, with heart failure and with chronic kidney disease stage I through stage IV, or unspecified	ICD-9-CM
404.13	Hypertensive heart and chronic kidney disease, benign, with heart failure and chronic kidney disease stage V or end stage renal disease	ICD-9-CM
404.91	Hypertensive heart and chronic kidney disease, unspecified, with heart failure and with chronic kidney disease stage I through stage IV, or unspecified	ICD-9-CM
404.93	Hypertensive heart and chronic kidney disease, unspecified, with heart failure and chronic kidney disease stage V or end stage renal disease	ICD-9-CM
428	Heart failure	ICD-9-CM
428.0	Congestive heart failure, unspecified	ICD-9-CM
428.1	Left heart failure	ICD-9-CM
428.2	Systolic heart failure	ICD-9-CM
428.20	Unspecified systolic heart failure	ICD-9-CM
428.21	Acute systolic heart failure	ICD-9-CM
428.22	Chronic systolic heart failure	ICD-9-CM
428.23	Acute on chronic systolic heart failure	ICD-9-CM
428.3	Diastolic heart failure	ICD-9-CM
428.30	Unspecified diastolic heart failure	ICD-9-CM
428.31	Acute diastolic heart failure	ICD-9-CM
428.32	Chronic diastolic heart failure	ICD-9-CM
428.33	Acute on chronic diastolic heart failure	ICD-9-CM
428.4	Combined systolic and diastolic heart failure	ICD-9-CM
428.40	Unspecified combined systolic and diastolic heart failure	ICD-9-CM
428.41	Acute combined systolic and diastolic heart failure	ICD-9-CM
428.42	Chronic combined systolic and diastolic heart failure	ICD-9-CM
428.43	Acute on chronic combined systolic and diastolic heart failure	ICD-9-CM
428.9	Unspecified heart failure	ICD-9-CM
I09.81	Rheumatic heart failure	ICD-10-CM
I11.0	Hypertensive heart disease with heart failure	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	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	ICD-10-CM
I50	Heart failure	ICD-10-CM
I50.1	Left ventricular failure, unspecified	ICD-10-CM

Appendix D. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes Used to Define Inclusion Criteria in this Request

Code	Full Description	Code Type
I50.2	Systolic (congestive) heart failure	ICD-10-CM
I50.20	Unspecified systolic (congestive) heart failure	ICD-10-CM
I50.21	Acute systolic (congestive) heart failure	ICD-10-CM
I50.22	Chronic systolic (congestive) heart failure	ICD-10-CM
I50.23	Acute on chronic systolic (congestive) heart failure	ICD-10-CM
I50.3	Diastolic (congestive) heart failure	ICD-10-CM
I50.30	Unspecified diastolic (congestive) heart failure	ICD-10-CM
I50.31	Acute diastolic (congestive) heart failure	ICD-10-CM
I50.32	Chronic diastolic (congestive) heart failure	ICD-10-CM
I50.33	Acute on chronic diastolic (congestive) heart failure	ICD-10-CM
I50.4	Combined systolic (congestive) and diastolic (congestive) heart failure	ICD-10-CM
I50.40	Unspecified combined systolic (congestive) and diastolic (congestive) heart failure	ICD-10-CM
I50.41	Acute combined systolic (congestive) and diastolic (congestive) heart failure	ICD-10-CM
I50.42	Chronic combined systolic (congestive) and diastolic (congestive) heart failure	ICD-10-CM
I50.43	Acute on chronic combined systolic (congestive) and diastolic (congestive) heart failure	ICD-10-CM
I50.9	Heart failure, unspecified	ICD-10-CM
I97.13	Postprocedural heart failure	ICD-10-CM
I97.130	Postprocedural heart failure following cardiac surgery	ICD-10-CM
I97.131	Postprocedural heart failure following other surgery	ICD-10-CM
Ischemic Heart Disease		
410	Acute myocardial infarction	ICD-9-CM
410.0	Acute myocardial infarction of anterolateral wall	ICD-9-CM
410.00	Acute myocardial infarction of anterolateral wall, episode of care unspecified	ICD-9-CM
410.01	Acute myocardial infarction of anterolateral wall, initial episode of care	ICD-9-CM
410.02	Acute myocardial infarction of anterolateral wall, subsequent episode of care	ICD-9-CM
410.1	Acute myocardial infarction of other anterior wall	ICD-9-CM
410.10	Acute myocardial infarction of other anterior wall, episode of care unspecified	ICD-9-CM
410.11	Acute myocardial infarction of other anterior wall, initial episode of care	ICD-9-CM
410.12	Acute myocardial infarction of other anterior wall, subsequent episode of care	ICD-9-CM
410.2	Acute myocardial infarction of inferolateral wall	ICD-9-CM
410.20	Acute myocardial infarction of inferolateral wall, episode of care unspecified	ICD-9-CM
410.21	Acute myocardial infarction of inferolateral wall, initial episode of care	ICD-9-CM
410.22	Acute myocardial infarction of inferolateral wall, subsequent episode of care	ICD-9-CM
410.3	Acute myocardial infarction of inferoposterior wall	ICD-9-CM
410.30	Acute myocardial infarction of inferoposterior wall, episode of care unspecified	ICD-9-CM
410.31	Acute myocardial infarction of inferoposterior wall, initial episode of care	ICD-9-CM
410.32	Acute myocardial infarction of inferoposterior wall, subsequent episode of care	ICD-9-CM
410.4	Acute myocardial infarction of other inferior wall	ICD-9-CM
410.40	Acute myocardial infarction of other inferior wall, episode of care unspecified	ICD-9-CM
410.41	Acute myocardial infarction of other inferior wall, initial episode of care	ICD-9-CM
410.42	Acute myocardial infarction of other inferior wall, subsequent episode of care	ICD-9-CM
410.5	Acute myocardial infarction of other lateral wall	ICD-9-CM
410.50	Acute myocardial infarction of other lateral wall, episode of care unspecified	ICD-9-CM
410.51	Acute myocardial infarction of other lateral wall, initial episode of care	ICD-9-CM

Appendix D. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes Used to Define Inclusion Criteria in this Request

Code	Full Description	Code Type
410.52	Acute myocardial infarction of other lateral wall, subsequent episode of care	ICD-9-CM
410.6	Acute myocardial infarction, true posterior wall infarction	ICD-9-CM
410.60	Acute myocardial infarction, true posterior wall infarction, episode of care unspecified	ICD-9-CM
410.61	Acute myocardial infarction, true posterior wall infarction, initial episode of care	ICD-9-CM
410.62	Acute myocardial infarction, true posterior wall infarction, subsequent episode of care	ICD-9-CM
410.7	Acute myocardial infarction, subendocardial infarction	ICD-9-CM
410.70	Acute myocardial infarction, subendocardial infarction, episode of care unspecified	ICD-9-CM
410.71	Acute myocardial infarction, subendocardial infarction, initial episode of care	ICD-9-CM
410.72	Acute myocardial infarction, subendocardial infarction, subsequent episode of care	ICD-9-CM
410.8	Acute myocardial infarction of other specified sites	ICD-9-CM
410.80	Acute myocardial infarction of other specified sites, episode of care unspecified	ICD-9-CM
410.81	Acute myocardial infarction of other specified sites, initial episode of care	ICD-9-CM
410.82	Acute myocardial infarction of other specified sites, subsequent episode of care	ICD-9-CM
410.9	Acute myocardial infarction, unspecified site	ICD-9-CM
410.90	Acute myocardial infarction, unspecified site, episode of care unspecified	ICD-9-CM
410.91	Acute myocardial infarction, unspecified site, initial episode of care	ICD-9-CM
410.92	Acute myocardial infarction, unspecified site, subsequent episode of care	ICD-9-CM
411	Other acute and subacute forms of ischemic heart disease	ICD-9-CM
411.0	Postmyocardial infarction syndrome	ICD-9-CM
411.1	Intermediate coronary syndrome	ICD-9-CM
411.8	Other acute and subacute forms of ischemic heart disease	ICD-9-CM
411.81	Acute coronary occlusion without myocardial infarction	ICD-9-CM
411.89	Other acute and subacute form of ischemic heart disease	ICD-9-CM
412	Old myocardial infarction	ICD-9-CM
413	Angina pectoris	ICD-9-CM
413.0	Angina decubitus	ICD-9-CM
413.1	Prinzmetal angina	ICD-9-CM
413.9	Other and unspecified angina pectoris	ICD-9-CM
414	Other forms of chronic ischemic heart disease	ICD-9-CM
414.0	Coronary atherosclerosis	ICD-9-CM
414.00	Coronary atherosclerosis of unspecified type of vessel, native or graft	ICD-9-CM
414.01	Coronary atherosclerosis of native coronary artery	ICD-9-CM
414.02	Coronary atherosclerosis of autologous vein bypass graft	ICD-9-CM
414.03	Coronary atherosclerosis of nonautologous biological bypass graft	ICD-9-CM
414.04	Coronary atherosclerosis of artery bypass graft	ICD-9-CM
414.05	Coronary atherosclerosis of unspecified type of bypass graft	ICD-9-CM
414.06	Coronary atherosclerosis, of native coronary artery of transplanted heart	ICD-9-CM
414.07	Coronary atherosclerosis, of bypass graft (artery) (vein) of transplanted heart	ICD-9-CM
414.1	Aneurysm and dissection of heart	ICD-9-CM
414.10	Aneurysm of heart	ICD-9-CM
414.11	Aneurysm of coronary vessels	ICD-9-CM
414.12	Dissection of coronary artery	ICD-9-CM
414.19	Other aneurysm of heart	ICD-9-CM
414.2	Chronic total occlusion of coronary artery	ICD-9-CM

Appendix D. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes Used to Define Inclusion Criteria in this Request

Code	Full Description	Code Type
414.3	Coronary atherosclerosis due to lipid rich plaque	ICD-9-CM
414.4	Coronary atherosclerosis due to calcified coronary lesion	ICD-9-CM
414.8	Other specified forms of chronic ischemic heart disease	ICD-9-CM
414.9	Unspecified chronic ischemic heart disease	ICD-9-CM
I20.0	Unstable angina	ICD-10-CM
I20.1	Angina pectoris with documented spasm	ICD-10-CM
I20.8	Other forms of angina pectoris	ICD-10-CM
I20.9	Angina pectoris, unspecified	ICD-10-CM
I21.09	ST elevation (STEMI) myocardial infarction involving other coronary artery of anterior wall	ICD-10-CM
I21.11	ST elevation (STEMI) myocardial infarction involving right coronary artery	ICD-10-CM
I21.19	ST elevation (STEMI) myocardial infarction involving other coronary artery of inferior wall	ICD-10-CM
I21.29	ST elevation (STEMI) myocardial infarction involving other sites	ICD-10-CM
I21.3	ST elevation (STEMI) myocardial infarction of unspecified site	ICD-10-CM
I21.4	Non-ST elevation (NSTEMI) myocardial infarction	ICD-10-CM
I24.0	Acute coronary thrombosis not resulting in myocardial infarction	ICD-10-CM
I24.1	Dressler's syndrome	ICD-10-CM
I24.8	Other forms of acute ischemic heart disease	ICD-10-CM
I25.10	Atherosclerotic heart disease of native coronary artery without angina pectoris	ICD-10-CM
I25.2	Old myocardial infarction	ICD-10-CM
I25.3	Aneurysm of heart	ICD-10-CM
I25.41	Coronary artery aneurysm	ICD-10-CM
I25.42	Coronary artery dissection	ICD-10-CM
I25.5	Ischemic cardiomyopathy	ICD-10-CM
I25.810	Atherosclerosis of coronary artery bypass graft(s) without angina pectoris	ICD-10-CM
I25.811	Atherosclerosis of native coronary artery of transplanted heart without angina pectoris	ICD-10-CM
I25.812	Atherosclerosis of bypass graft of coronary artery of transplanted heart without angina pectoris	ICD-10-CM
I25.82	Chronic total occlusion of coronary artery	ICD-10-CM
I25.83	Coronary atherosclerosis due to lipid rich plaque	ICD-10-CM
I25.84	Coronary atherosclerosis due to calcified coronary lesion	ICD-10-CM
I25.89	Other forms of chronic ischemic heart disease	ICD-10-CM
I25.9	Chronic ischemic heart disease, unspecified	ICD-10-CM

Appendix E. List of Generic and Brand Names of Medical Products Used to Define Baseline Characteristics in this Request

Generic Name	Brand Name
Ambulatory Allergy Treatments	
Levocetirizine Dihydrochloride	Xyzal
Ipratropium Bromide	ipratropium bromide
Fexofenadine HCl	fexofenadine
Prednisolone Sod Phosphate	Orapred ODT
Diphenhydramine HCl	Complete Allergy
Montelukast Sodium	Singulair
Loratadine	Allergy Relief (loratadine)
Diphenhydramine HCl	Complete Allergy Medicine
Terbutaline Sulfate	terbutaline
Guaifenesin/Dyphylline	Difil-G 400
Cetirizine HCl	Allergy Relief (cetirizine)
Ketotifen Fumarate	Eye Itch Relief
Chlorpheniramine Maleate	Aller-Chlor
Diphenhydramine HCl	diphenhydramine HCl
Fexofenadine HCl	Children's Allegra Allergy
Promethazine HCl	promethazine
Cetirizine HCl	cetirizine
Levocetirizine Dihydrochloride	levocetirizine
Prednisone	prednisone
Fluticasone Propionate	fluticasone propionate (bulk)
Triamcinolone Acetonide	Kenalog
Fluticasone Propionate	Flovent Diskus
Ketotifen Fumarate	ketotifen fumarate
Betamethasone Acetate, Micronized	betamethasone acet,micro(bulk)
Loratadine	loratadine
Dexamethasone	dexamethasone
Albuterol Sulfate	Ventolin HFA
Prednisolone	prednisolone
Methylprednisolone Acetate	methylprednisolone acetate
Albuterol Sulfate	Proventil HFA
Fluticasone Propionate/Salmeterol Xinafoate	Advair Diskus
Methylprednisolone Acetate	Depo-Medrol
Methylprednisolone	methylprednisolone
Methylprednisolone Sodium Succinate/Pf	Solu-Medrol (PF)
Betamethasone Acetate/Betamethasone Sodium Phosphate	Celestone Soluspan
Albuterol Sulfate	albuterol sulfate
Desloratadine	desloratadine
Ketotifen Fumarate	Allergy Eye (ketotifen)
Ketotifen Fumarate	Itchy Eye Drops
Diphenhydramine HCl	Sleep Aid (diphenhydramine)
Ipratropium Bromide/Albuterol Sulfate	DuoNeb
Prednisolone Sod Phosphate	Orapred
Prednisolone Sod Phosphate	Veripred 20
Clemastine Fumarate	Tavist-1
Cetirizine HCl	Child's All Day Allergy(cetir)

Appendix E. List of Generic and Brand Names of Medical Products Used to Define Baseline Characteristics in this Request

Generic Name	Brand Name
Diphenhydramine HCl	Allergy (diphenhydramine)
Levocetirizine Dihydrochloride	levocetirizine (bulk)
Tranilast	tranilast (bulk)
Fluticasone Propionate, Micronized	fluticasone prop, micro (bulk)
Triamcinolone Acetonide	triamcinolone acetonide (bulk)
Budesonide, Micronized	budesonide, micronized (bulk)
Ketotifen Fumarate	Zaditor
Carbinoxamine Maleate	PALGIC
Chlorpheniramine Maleate	chlorpheniramine maleate
Levalbuterol HCl	levalbuterol HCl
Montelukast Sodium	montelukast
Levalbuterol HCl	Xopenex Concentrate
Theophylline Anhydrous	theophylline
Epinephrine	Adrenalin
Loratadine	Alavert
Diphenhydramine HCl	Rest Simply Nighttime Sleep
Cetirizine HCl	All Day Allergy (cetirizine)
Cortisone Acetate	cortisone
Prednisolone Sod Phosphate	Millipred
Mometasone Furoate	Asmanex Twisthaler
Ephedrine Sulfate	ephedrine sulfate
Diphenhydramine HCl	Sleep Aid Max Str (diphenhydr)
Ketotifen Fumarate	Antihistamine Eye Drops
Prednisolone	Millipred DP
Racinephrine HCl	Asthmanefrin Starter Kit
Tiotropium Bromide	Spiriva Respimat
Ipratropium Bromide/Albuterol Sulfate	ipratropium-albuterol
Olopatadine HCl	Patanol
Desloratadine	Clarinex
Promethazine HCl	Phenadoz
Cyproheptadine HCl	cyproheptadine
Fluticasone Propionate	Flovent HFA
Cetirizine HCl	Zyrtec
Salmeterol Xinafoate	Serevent Diskus
Diphenhydramine HCl	Medi-Phedryl
Cromolyn Sodium	cromolyn
Levalbuterol Tartrate	Xopenex HFA
Diphenhydramine HCl	NightTime Sleep Aid (diphen)
Loratadine	Claritin
Methylprednisolone	Medrol (Pak)
Zafirlukast	Accolate
Roflumilast	Daliresp
Diphenhydramine HCl	Diphenhist
Diphenhydramine HCl	Children's Allergy (diphenhyd)
Azelastine HCl	Optivar
Dyphylline	Lufyllin

Appendix E. List of Generic and Brand Names of Medical Products Used to Define Baseline Characteristics in this Request

Generic Name	Brand Name
Epinastine HCl	epinastine
Diphenhydramine HCl	Restfully Sleep
Dexamethasone Sodium Phosphate In 0.9 % Sodium Chloride	dexamethasone in 0.9 % sod chl
Diphenhydramine HCl	Child Allergy Relief (diphen)
Epinephrine	epinephrine
Prednisolone Acetate, Micronized	prednisolone ac, micro (bulk)
Cyproheptadine HCl	cyproheptadine (bulk)
Tripelennamine HCl	tripelennamine (bulk)
Prednisolone	Prelone
Clemastine Fumarate	clemastine
Clemastine Fumarate	Dailyhist-1
Diphenhydramine HCl	Allergy Relief(diphenhydramin)
Chlorpheniramine Maleate	Allergy 4-Hour
Diphenhydramine HCl	Valu-Dryl Allergy
Cetirizine HCl	Child Allergy Relf(cetirizine)
Loratadine	Wal-itin
Diphenhydramine HCl	Simply Sleep
Diphenhydramine HCl	Benadryl Allergy
Diphenhydramine HCl	Sleep-Tabs
Acidinium Bromide	Tudorza Pressair
Fexofenadine HCl	Mucinex Allergy
Diphenhydramine HCl	Aler-Tab
Diphenhydramine HCl	Banophen Allergy
Diphenhydramine HCl	Geri-Dryl
Diphenhydramine HCl	EZ Nite Sleep
Levalbuterol HCl	Xopenex
Carbinoxamine Maleate	carbinoxamine maleate
Zafirlukast	zafirlukast
Loratadine	Children's Claritin
Beclomethasone Dipropionate	Qvar
Dexamethasone Sod Phosphate	dexamethasone sodium phosphate
Levalbuterol HCl	levalbuterol HCl (bulk)
Albuterol Sulfate	Vospire ER
Diphenhydramine HCl	Vicks QlearQuil Nighttime Rlf
Loratadine	Vicks QlearQuil Allergy
Fexofenadine HCl	Allergy Relief (fexofenadine)
Loratadine	loratadine (bulk)
Aminophylline	aminophylline (bulk)
Formoterol Fumarate	formoterol fumarate (bulk)
Promethazine HCl	promethazine (bulk)
Flunisolide	Aerospan
Triamcinolone Hexacetonide	Aristospan Intra-Articular
Triamcinolone Acetonide/Lidocaine HCl	EZ Use Joint-Tunnel-Trigger
Methylprednisolone Acetate/Bupivacaine HCl	Physicians EZ Use M-Pred
Cetirizine HCl	Children's Zyrtec Allergy
Prednisolone Acetate	Flo-Pred

Appendix E. List of Generic and Brand Names of Medical Products Used to Define Baseline Characteristics in this Request

Generic Name	Brand Name
Diphenhydramine HCl	Children's Allergy Medicine
Chlorpheniramine Maleate	Allergy (chlorpheniramine)
Cetirizine HCl	Children's Cetirizine
Chlorpheniramine Maleate	Allergy Relief(chlorpheniramn)
Diphenhydramine HCl	Children's Complete Allergy
Diphenhydramine HCl	Allergy Medicine
Diphenhydramine HCl	Nyt-Time Sleep
Olodaterol HCl	Striverdi Respimat
Fexofenadine HCl	Aller-ease
Tiotropium Bromide	Spiriva with HandiHaler
Brompheniramine Maleate	J-TAN PD
Triamcinolone Hexacetonide, Micronized	triamcin hexacet, micro (bulk)
Methylprednisolone, Micronized	methylprednisolone, mic (bulk)
Brompheniramine Maleate	brompheniramine maleate (bulk)
Diphenhydramine HCl	Quenalin
Chlorpheniramine Maleate	Pharbechlor
Indacaterol Maleate/Glycopyrrolate	Utibron Neohaler
Theophylline Anhydrous	Elixophyllin
Azelastine HCl	azelastine
Mometasone Furoate	mometasone furoate (bulk)
Dexamethasone, Micronized	dexamethasone,micronized(bulk)
Dexamethasone Sod Phosphate	dexamethasone sod phos (bulk)
Carbinoxamine Maleate	Arbinoxa
Diphenhydramine HCl	Ormir
Diphenhydramine HCl	Allergy Medication
Chlorpheniramine Maleate	Ed-Chlortan
Hydrocortisone	hydrocortisone
Diphenhydramine HCl	Antihistamine
Diphenhydramine HCl	Antihist
Diphenhydramine HCl	Valu-Dryl Child's Allergy
Diphenhydramine HCl	Valu-Dryl
Epinephrine	Bronchial Mist Refill
Diphenhydramine HCl	Sleepgels
Epinephrine	Bronchial Mist
Diphenhydramine HCl	Q-Dryl
Racepinephrine HCl	racepinephrine
Racepinephrine HCl	S2 Racepinephrine
Clemastine Fumarate	Allerhist-1
Formoterol Fumarate	Foradil Aerolizer
Budesonide	budesonide
Triamcinolone Acetonide	Arze-Ject-A
Diphenhydramine HCl In 0.9 % Sodium Chloride	diphenhydramine in 0.9 % NaCl
Indacaterol Maleate	Arcapta Neohaler
Clemastine Fumarate	Dayhist
Dexamethasone	ZoDex
Loratadine	Claritin Reditabs

Appendix E. List of Generic and Brand Names of Medical Products Used to Define Baseline Characteristics in this Request

Generic Name	Brand Name
Cetirizine HCl	Children's Allergy Complete
Promethazine HCl	Promethegan
Fexofenadine HCl	Allegra Allergy
Prednisolone Sod Phosphate	prednisolone sodium phosphate
Aminophylline	aminophylline
Ketotifen Fumarate	Children's Alaway
Cetirizine HCl	Wal-Zyr (cetirizine)
Methylprednisolone Sodium Succinate	methylprednisolone sodium succ
Cetirizine HCl	Children's Wal-Zyr
Promethazine HCl	Phenergan
Fexofenadine HCl	Aller-Fex
Diphenhydramine HCl	Children's Wal-Dryl Allergy
Fluticasone Propionate/Salmeterol Xinafoate	AirDuo RespiClick
Methylprednisolone Acetate/Norflurane/Hfc 245Fa	P-Care D40G
Diphenhydramine HCl	Wal-Dryl Allergy
Diphenhydramine HCl	Sleep II
Cetirizine HCl	All Day Allergy Relief(cetir)
Diphenhydramine HCl	Aller-G-Time
Montelukast Sodium	montelukast (bulk)
Fludrocortisone Acetate	fludrocortisone
Epinastine HCl	Elestat
Cetirizine HCl	Aller-Tec
Clemastine Fumarate	Dayhist Allergy
Betamethasone Acetate/Betamethasone Sodium Phosphate	betamethasone acet,sod phos
Hydrocortisone Sod Succinate	Solu-Cortef
Levalbuterol Tartrate	levalbuterol tartrate
Loratadine	Claritin Liqui-Gel
Triamcinolone Acetonide/Lidocaine HCl	Lidocilone I
Fluticasone Propionate/Salmeterol Xinafoate	Advair HFA
Olopatadine HCl	olopatadine
Ipratropium Bromide	Atrovent HFA
Olopatadine HCl	Pazeo
Prednisone Micronized	prednisone micronized (bulk)
Diphenhydramine HCl	Banophen
Diphenhydramine HCl	Pharbedryl
Diphenhydramine HCl	Sleeping
Loratadine	Loradamed
Deflazacort	Emflaza
Theophylline Anhydrous	Theochron
Diphenhydramine HCl	Unisom Sleepgels
Hydrocortisone	Cortef
Chlorpheniramine Maleate	Allergy-Time
Fluticasone Propionate	ArmonAir RespiClick
Chlorpheniramine Maleate	Chlor-Trimeton
Fexofenadine HCl	Wal-Fex Allergy
Budesonide/Formoterol Fumarate	Symbicort

Appendix E. List of Generic and Brand Names of Medical Products Used to Define Baseline Characteristics in this Request

Generic Name	Brand Name
Tripolidine HCl	Histex PDX
Diphenhydramine HCl	Sleep
Diphenhydramine HCl	Diphedryl
Loratadine	Children's Allergy Relief(lor)
Dexbrompheniramine Maleate	Pediavent
Chlorpheniramine Maleate	Ed-ChlorPed
Ephedrine Sulfate/Guaifenesin	Bronkaid Dual Action
Diphenhydramine HCl	Benadryl
Diphenhydramine HCl	Nighttime Allergy Relief
Loratadine, Micronized	loratadine, micronized (bulk)
Diphenhydramine HCl	Z-Sleep
Methylprednisolone	Medrol
Arformoterol Tartrate	Brovana
Triamcinolone Acetonide	P-Care K80
Carbinoxamine Maleate	RyVent
Dexbrompheniramine Maleate	Ala-Hist IR
Prednisolone, Micronized	prednisolone, micro (bulk)
Fluticasone Propionate/Salmeterol Xinafoate	fluticasone-salmeterol
Dexamethasone	Dexamethasone Intensol
Mometasone Furoate/Formoterol Fumarate	Dulera
Clemastine Fumarate	Allergy Relief (clemastine)
Diphenhydramine HCl	Sleep Time
Diphenhydramine HCl	ZzzQuil
Dexamethasone	LoCort
Fluticasone Furoate/Umeclidinium Bromide/Vilanterol Trifenat	Trelegy Ellipta
Budesonide	Pulmicort Flexhaler
Diphenhydramine HCl	Wal-Sleep Z
Metaproterenol Sulfate	metaproterenol
Ketotifen Fumarate	Wal-Zyr (ketotifen)
Triamcinolone Hexacetonide	triamcinolone hexaceton (bulk)
Fexofenadine HCl	Children's Wal-Fex
Umeclidinium Bromide/Vilanterol Trifenatate	Anoro Ellipta
Fluticasone Furoate	Arnuity Ellipta
Diphenhydramine HCl	Siladryl SA
Aldosterone	aldosterone (bulk)
Triamcinolone Acetonide	triamcinolone acetonide
Theophylline Anhydrous	Theo-24
Tripolidine HCl	triprolidine HCl
Diphenhydramine HCl	Children's Benadryl Allergy
Hydrocortisone Sodium Succinate/PF	Solu-Cortef (PF)
Dexamethasone Acetate, Micronized	dexamethasone ac, micro (bulk)
Alcaftadine	Lastacaft
Tripolidine HCl	VanaClear PD
Dexamethasone	ZonaCort
Methylprednisolone Acetate	P-Care D80
Chlorcyclizine HCl	Ahist (chlorcyclizine)

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Generic Name	Brand Name
Dexamethasone Sod Phosphate	ReadySharp dexamethasone
Mometasone Furoate	Asmanex HFA
Pyrilamine Maleate	pyrilamine maleate (bulk)
Dexamethasone Sodium Phosphate/Pf	DoubleDex (PF)
Theophylline In Dextrose 5 % In Water	theophylline in dextrose 5 %
Diphenhydramine HCl	Naramin
Benralizumab	Fasenra
Ketotifen Fumarate	Alaway
Budesonide	Pulmicort
Diphenhydramine HCl	Nytol
Chlorpheniramine Maleate	ED Chlorped Jr
Diphenhydramine HCl	Compoz
Prednisone	Rayos
Diphenhydramine HCl	Wal-Som (diphenhydramine)
Triamcinolone/Norflurane And Pentafluoropropane (Hfc 245Fa)	Triloan II SUIK
Desoxycorticosterone Acetate	desoxycorticosterone ac (bulk)
Tripolidine HCl	triprolidine HCl (bulk)
Tiotropium Bromide/Olodaterol HCl	Stiolto Respimat
Olopatadine HCl	Pataday
Glycopyrrolate/Formoterol Fumarate	Bevespi Aerosphere
Diphenhydramine HCl	Dicopanol
Fexofenadine HCl	Children's Allergy Relief(fex)
Promethazine HCl In 0.9 % Sodium Chloride	promethazine in 0.9 % NaCl
Tripolidine HCl	M-Hist PD
Emedastine Difumarate	Emadine
Omalizumab	Xolair
Tripolidine HCl	Histex (triprolidine)
Albuterol Sulfate	ProAir HFA
Dexamethasone Sodium Phosphate/Pf	Active Injection Kit D (PF)
Loratadine	Non-Drowsy Allergy
Loratadine	Allerclear
Diphenhydramine HCl	Silphen Cough
Umeclidinium Bromide	Incruse Ellipta
Cetirizine HCl	Children's Allergy(cetirizine)
Dexamethasone/Pf/Norflurane/Pentafluoropropane (Hfc 245Fa)	DMT SUIK
Racepinephrine HCl	racepinephrine (bulk)
Glycopyrrolate	Seebri Neohaler
Chlorpheniramine Maleate	Wal-Finate
Diphenhydramine HCl	Total Allergy Medicine
Fluticasone Furoate/Vilanterol Trifenatate	Breo Ellipta
Zileuton	zileuton
Triamcinolone Acetonide	P-Care K40
Chlorpheniramine Maleate	Chlorphen SR
Diphenhydramine HCl	Aler-Cap
Trimeprazine Tartrate	trimeprazine tartrate (bulk)
Dexamethasone Sodium Phosphate/Pf	dexamethasone sodium phos (PF)

Appendix E. List of Generic and Brand Names of Medical Products Used to Define Baseline Characteristics in this Request

Generic Name	Brand Name
Diphenhydramine HCl	Diphen
Triamcinolone/Norflurane And Pentafluoropropane (Hfc 245Fa)	Pod-Care 100KG
Nedocromil Sodium	Alocril
Cetirizine HCl	Children's Aller-Tec
Diphenhydramine HCl	Vanamine PD
Triamcinolone Acetonide	Pro-C-Dure 5
Triamcinolone Acetonide	Pod-Care 100K
Chlorpheniramine Maleate	ChlorTabs
Prednisone	Prednisone Intensol
Ciclesonide	Alvesco
Ipratropium Bromide/Albuterol Sulfate	Combivent Respimat
Racipinephrine HCl	Asthmanefrin Refill
Diphenhydramine HCl	Diphedryl Allergy
Dyphylline	dyphylline (bulk)
Fexofenadine HCl	fexofenadine (bulk)
Betamethasone Acetate/Betamethasone Sodium Phosphate	ReadySharp Betamethasone
Methylprednisolone Acetate/Norflurane/Hfc 245Fa	Medroloan II SUIK
Triamcinolone Hexacetonide	Aristospan Intralesional
Carbinoxamine Maleate	Karbinal ER
Triamcinolone Acetonide	ReadySharp Triamcinolone
Tripolidine HCl	Vanahist PD
Dexamethasone Sodium Phosphate/Lidocaine HCl	Lidocidex-I
Chlorpheniramine Maleate	ChlorHist
Bepotastine Besilate	Bepreve
Diphenhydramine HCl	Allergy
Hydrocortisone Sod Succinate	A-Hydrocort
Tripolidine HCl	Histex PD
Methylprednisolone Acetate/Norflurane/Hfc 245Fa	P-Care D80G
Betamethasone Acetate And Sodium Phosph/Norflurane/Hfc 245Fa	Betaloan SUIK
Methylprednisolone Acetate/Norflurane/Hfc 245Fa	Medroloan SUIK
Diphenhydramine HCl	Nighttime Sleep
Beclomethasone Dipropionate	Qvar RediHaler
Lodoxamide Tromethamine	Alomide
Reslizumab	Cinqair
Prednisolone Sod Phosphate	Pediapred
Dexamethasone	DexPak 6 Day
Methylprednisolone Sodium Succinate	Solu-Medrol
Methylprednisolone Acetate	P-Care D40
Diphenhydramine HCl	Unisom SleepMelts
Cetirizine HCl	24Hour Allergy
Mepolizumab	Nucala
Dexamethasone	DexPak 13 Day
Diphenhydramine HCl	Sleep Tablet (diphenhydramine)
Triamcinolone/Norflurane And Pentafluoropropane (Hfc 245Fa)	Triloan SUIK
Formoterol Fumarate Dihydrate, Micronized	formoterol fum dihyd,mic(bulk)
Clemizole HCl	clemizole HCl (bulk)

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Generic Name	Brand Name
Betamethasone Acetate/Betamethasone Sodium Phosphate	Beta-1
Triamcinolone Acetonide/Lidocaine/Prilocaine	DermacinRx Cinlone-I CPI
Zileuton	Zyflo
Albuterol Sulfate	ProAir RespiClick
Dexamethasone	TaperDex
Triamcinolone/Norflurane And Pentafluoropropane (Hfc 245Fa)	P-Care K40G
Dexamethasone Sodium Phosphate/Pf	MAS Care-Pak (PF)
Formoterol Fumarate	Perforomist
Triamcinolone Acetonide	Zilretta
Triamcinolone/Norflurane And Pentafluoropropane (Hfc 245Fa)	P-Care K80G
Zileuton	Zyflo CR
Methylprednisolone Acetate	ReadySharp Methylprednisolone
Betamethasone Sodium Phosph In Sterile Water For Injection	betamethasone sod phosph-water
Dexamethasone	DexPak 10 day
Diphenhydramine HCl	Unisom (diphenhydramine)
Prednisone	Deltasone
Diphenhydramine HCl	Alka-Seltzer Plus Allergy
Triamcinolone Acetonide	Pro-C-Dure 6
Dextromethorphan HBr/Acetaminophen/Doxylamine	Night Time
Chlorpheniramine Maleate/Codeine Phosphate	EndaCof-C
Acetaminophen/Phenyltoloxamine Citrate	Zgesic
Loratadine/Pseudoephedrine Sulfate	Claritin-D 24 Hour
Acetaminophen/Phenyltoloxamine Citrate	Rhinoflex-650
Pseudoephedrine HCl/Codeine Phosphate/Acetaminophen/Guaifen	Maxiflu CD
Phenylephrine HCl/Codeine Phosphate/Acetaminophen/Guaifen	Phenflu CDX
Acetaminophen/Phenyltoloxamine Citrate	Zflex
Pseudoephedrine HCl/Codeine Phosphate/Acetaminophen/Guaifen	Maxiflu CDX
Phenylephrine HCl/Codeine Phosphate/Acetaminophen/Guaifen	Phenflu CD
Chlorpheniramine Maleate/Codeine Phosphate/Acetaminophen	Cotabflu
Acetaminophen/Phenyltoloxamine Citrate	Relagesic
Fexofenadine HCl/Pseudoephedrine HCl	Allergy Relief D
Pseudoephedrine HCl/Acetaminophen	Sinus Headache Degongestant
Loratadine/Pseudoephedrine Sulfate	Allergy Relief D-24
Phenylephrine HCl/Pyrilamine Maleate	Pyril D
Guaifenesin/Pseudoephedrine HCl	Despec-Tab
Chlorcyclizine HCl/Phenylephrine HCl	Dallergy (chlorcyclizine-PE)
Chlorpheniramine Maleate/Phenylephrine HCl	Phenabid
Brompheniramine Maleate/Pseudoephedrine HCl/Dextromethorphan	Neo DM
Acetaminophen/Diphenhydramine HCl	Severe Allergy
Promethazine HCl/Codeine	promethazine-codeine
Phenylephrine HCl/Pyrilamine Maleate	Poly Hist Forte (pyrilamine)
Guaifenesin/Phenylephrine HCl	TL-DMX
Promethazine/Phenylephrine HCl/Codeine	Promethazine VC-Codeine
Phenylephrine HCl/Chlophedianol HCl/Guaifenesin	Donatussin Pediatric
Halobetasol Propionate/Ammonium Lactate	Ultravate PAC
Chlorpheniramine Maleate/Phenylephrine HCl	Ed A-Hist

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Generic Name	Brand Name
Promethazine HCl/Dextromethorphan HBr	promethazine-DM
Fluticasone Propionate	fluticasone
Codeine Phosphate/Guaifenesin	Cheratussin AC
Ibuprofen/Pseudoephedrine HCl	Ibuprofen Cold-Sinus(with PSE)
Hydrocodone Bitartrate/Homatropine Methylbromide	hydrocodone-homatropine
Codeine Phosphate/Guaifenesin	codeine-guaifenesin
Dextromethorphan HBr/Acetaminophen/Doxylamine	Night Time (Doxy-DM-acetam)
Azelastine HCl	Astelin
Phenylephrine HCl/Acetaminophen/Chlorpheniramine	Effervescent Cold Relief Plus
Dextromethorphan/Phenylephrine/Acetaminophen/Chlorpheniramin	Cold Head Congestion Nighttime
Dextromethorphan HBr/Acetaminophen/Doxylamine	Nite-Time Cold-Flu
Diphenhydramine HCl/Phenylephrine HCl/Acetaminophen	Flu-Severe Cold-Cough Night
Brompheniramine Maleate/Pseudoephedrine HCl/Codeine Phosphat	M-End WC
Phenylephrine HCl/Diphenhydramine HCl	Triaminic Cold and CoughNT(PE)
Dextromethorphan HBr/Phenylephrine HCl	Triaminic Cold and Cough (PE)
Brompheniramine Maleate/Pseudoephedrine HCl/Dextromethorphan	brompheniramine-pseudoeph-DM
Guaifenesin/Dextromethorphan HBr/Pseudoephedrine HCl	ExeFen DMX
Dextromethorphan HBr/Acetaminophen/Doxylamine	Robitussin Cold-Flu Night
Chlorpheniramine Maleate/Pseudoephedrine HCl/Codeine	Tricode AR
Pseudoephedrine HCl/Codeine Phosphate/Guaifenesin	Tricode GF
Codeine Phosphate/Guaifenesin	Codar GF
Pseudoephedrine HCl/Codeine Phosphate	Codar D
Brompheniramine Maleate/Phenylephrine HCl/Codeine Phosphate	Poly-Tussin AC
Chlorpheniramine Maleate/Codeine Phosphate	Codar AR
Pseudoephedrine HCl/Codeine Phosphate/Guaifenesin	Lortuss EX
Acetaminophen/Diphenhydramine HCl	Pain Relief PM
Dextromethorphan/Phenylephrine/Acetaminophen/Chlorpheniramin	Head Congestion Cold Relief
Loratadine/Pseudoephedrine Sulfate	AllerClear D-24hr
Loratadine/Pseudoephedrine Sulfate	Allergy and Congestion Relief
Desloratadine/Pseudoephedrine Sulfate	Clarinx-D 24 HOUR
Triamcinolone Acetonide	Nasacort AQ
Phenylephrine HCl/Dextromethorphan HBr/Acetaminophen/Guaifen	Pain Relief Cold
Dextromethorphan HBr/Doxylamine Succinate	Nitetime Cough
Chlorpheniramine Maleate/Phenylephrine HCl/Dextromethorphan	Phenabid DM
Acetaminophen/Diphenhydramine HCl	Cold Relief
Chlorpheniramine Maleate/Phenylephrine HCl	Triaminic Cold- Allergy PE
Halobetasol Propionate/Ammonium Lactate	Halonate
Halobetasol Propionate/Ammonium Lactate	Halonate Pac
Mometasone Furoate/Ammonium Lactate	Momexin
Phenylephrine HCl/Acetaminophen	Vicks Dayquil Sinex
Fexofenadine HCl/Pseudoephedrine HCl	Allegra-D 12 Hour
Fexofenadine HCl/Pseudoephedrine HCl	Allegra-D 24 Hour
Dextromethorphan/Phenylephrine/Acetaminophen/Chlorpheniramin	Children's Dimetapp Cold-Flu
Phenylephrine HCl/Diphenhydramine HCl	Childs Triacting Cold-Cough
Guaifenesin/Dextromethorphan HBr	Tussin DM Max
Guaifenesin/Dextromethorphan HBr/Pseudoephedrine HCl	Despec-DM (pseudoeph-DM-guaif)

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Generic Name	Brand Name
Acetaminophen/Diphenhydramine HCl	Aceta-Gesic
Dextromethorphan HBr/Phenylephrine HCl/Acetaminophen	Daytime Cold-Flu Relief (PE)
Cetirizine HCl/Pseudoephedrine HCl	All Day Allergy-D
Guaifenesin/Dextromethorphan HBr/Phenylephrine	Tussin CF (PE-DM-guaif)
Dextromethorphan HBr/Doxylamine Succinate	NightTime Cough
Diphenhydramine HCl/Hydrocortisone	HC Derma-Pax
Chlorpheniramine Maleate/Phenylephrine HCl/Dextromethorphan	Trigofen DM
Guaifenesin/Dextromethorphan HBr	Tussin DM
Guaifenesin/Dextromethorphan HBr	Mucinex Fast-Max DM Max
Phenylephrine HCl/Acetaminophen/Doxylamine Succinate	NightTime Sinus
Chlorcyclizine HCl/Pseudoephedrine HCl/Codeine Phosphate	Poly-Tussin D
Chlorcyclizine HCl/Codeine Phosphate	Poly-Tussin
Thonzylamine HCl/Phenylephrine HCl/Chlophedianol HCl	Vanacof APE
Chlophedianol HCl/Guaifenesin	Vanacof G
Phenylephrine HCl/Chlophedianol HCl/Guaifenesin	Vanacof GPE
Hydrocodone Polistirex/Chlorpheniramine Polistirex	TussiCaps
Hydrocodone Polistirex/Chlorpheniramine Polistirex	hydrocodone-chlorpheniramine
Hydrocodone Bitartrate/Homatropine Methylbromide	Tussigon
Acetaminophen/Diphenhydramine HCl	diphenhydramine-acetaminophen
Chlorcyclizine Hydrochloride/Chlophedianol Hydrochloride	Biclora
Guaifenesin/Dextromethorphan HBr/Pseudoephedrine HCl	Z-Cof 12 DM
Chlorcyclizine HCl/Pseudoephedrine HCl/Chlophedianol HCl	Biclora-D
Phenylephrine HCl/Diphenhydramine HCl	Aldex-CT
Hydrocortisone Acetate/Aloe Vera	hydrocortisone acet-aloe vera
Phenylephrine HCl/Pyrilamine Maleate	Aldex D
Tripolidine HCl/Pseudoephedrine HCl	Pediatex TD
Brompheniramine Maleate/Phenylephrine HCl/Dextromethorphan	brompheniramin-phenylephrin-DM
Phenylephrine HCl/Dextromethorphan HBr/Acetaminophen/Guaifen	Mucinex Cold,Flu,Sore Throat
Phenylephrine HCl/Dextromethorphan HBr/Acetaminophen/Guaifen	Mucinex Fast-Max Severe Cold
Guaifenesin/Dextromethorphan HBr/Phenylephrine	Mucinex Fast-Max Congest-Cough
Epinephrine	Adrenacllick
Guaifenesin/Phenylephrine HCl/Acetaminophen	Mucinex Sinus-Max Pressur-Pain
Guaifenesin/Dextromethorphan HBr/Phenylephrine	Children's Mucinex Multi-Symp
Guaifenesin/Phenylephrine HCl/Acetaminophen	Mucinex Fast-Max Cold-Sinus
Guaifenesin/Dextromethorphan HBr	Daytime Mucus Relief DM
Dextromethorphan HBr/Acetaminophen/Doxylamine	Night Time Cold-Flu Relief
Dextromethorphan HBr/Doxylamine Succinate	Nite Time Cough
Guaifenesin/Dextromethorphan HBr	Cough Control DM Max
Flunisolide	flunisolide
Guaifenesin/Dextromethorphan HBr/Phenylephrine	Mucus Relief Congestion-Cough
Dextromethorphan HBr/Acetaminophen/Doxylamine	Night Time Cold
Chlorpheniramine Maleate/Phenylephrine HCl	Dallergy (chlorpheniramine-PE)
Hydrocortisone Acetate/Pramoxine HCl/Aloe Polysaccharide	Novacort (with aloe)
Guaifenesin/Dextromethorphan HBr/Phenylephrine	Endacon
Guaifenesin/Dextromethorphan HBr	Diabetic Tussin DM
Guaifenesin/Dextromethorphan HBr	Diabetic Tussin Max St

Appendix E. List of Generic and Brand Names of Medical Products Used to Define Baseline Characteristics in this Request

Generic Name	Brand Name
Brompheniramine Maleate/Phenylephrine HCl	LoHist-PEB
Chlorpheniramine Maleate/Phenylephrine HCl/Dextromethorphan	Nasohist DM
Chlorpheniramine Maleate/Phenylephrine HCl	Nasohist
Guaifenesin/Dextromethorphan HBr	Broncotron-S
Brompheniramine Maleate/Pseudoephedrine HCl	J-TAN D PD
Acetaminophen/Diphenhydramine HCl	Pain Reliever PM
Guaifenesin/Dextromethorphan HBr	Intense Cough
Dextromethorphan HBr/Phenylephrine HCl/Acetaminophen	Day Time PE
Cetirizine HCl/Pseudoephedrine HCl	Allergy D-12
Dextromethorphan HBr/Phenylephrine/Acetaminophen/Doxylamine	Nite Time Cold-Flu Relief (PE)
Guaifenesin/Phenylephrine HCl	Chest-Sinus Congestion Relief
Phenylephrine HCl/Promethazine HCl	Promethazine VC
Acetaminophen/Diphenhydramine HCl	Medi-Tabs PM
Brompheniramine Maleate/Phenylephrine HCl/Dextromethorphan	Children's Cold and Cough DM
Guaifenesin/Pseudoephedrine HCl	Mucinex D
Hydrocodone Polistirex/Chlorpheniramine Polistirex	Tussionex Pennkinetic ER
Guaifenesin/Dextromethorphan HBr	Intense Cough Reliever
Brompheniramine Maleate/Phenylephrine HCl	Cold and Allergy (bromphen-PE)
Cetirizine HCl/Pseudoephedrine HCl	Allergy Relief-D (cetirizine)
Guaifenesin/Dextromethorphan HBr	Chest Congestion-Cough Relief
Pseudoephedrine HCl/Codeine Phosphate/Guaifenesin	Phenylhistine
Loratadine/Pseudoephedrine Sulfate	Loratadine-D
Acetaminophen/Diphenhydramine HCl	Ex-Strength Medi-Tabs PM
Guaifenesin/Dextromethorphan HBr	Medi-Tussin DM Diabetic
Chlorpheniramine Maleate/Pseudoephedrine HCl	chlorpheniramine-pseudoephed
Guaifenesin/Dextromethorphan HBr	Medi-Tussin DM
Fluticasone Propionate	Flonase
Diphenhydramine HCl/Phenylephrine HCl/Acetaminophen	Allergy Sinus Headache (PE)
Phenylephrine HCl/Acetaminophen	Pyroxate Cold and Congestion
Guaifenesin/Dextromethorphan HBr	Creo-Terpin (DM-guaifenesin)
Guaifenesin/Dextromethorphan HBr	Cheracol D
Guaifenesin/Dextromethorphan HBr/Phenylephrine	Tussin CF MAX
Dextromethorphan HBr/Acetaminophen/Doxylamine	Nite Time Cold-Flu Relief
Dextromethorphan HBr/Phenylephrine/Acetaminophen/Doxylamine	Daytime-Nighttime
Dextromethorphan HBr/Phenylephrine HCl/Acetaminophen	Flu-Severe Cold-Cough Daytime
Pheniramine Maleate/Phenylephrine HCl/Acetaminophen	Flu and Sore Throat
Phenylephrine HCl/Acetaminophen	Sinus Congestion and Pain
Chlorpheniramine Maleate/Phenylephrine HCl	Acta-Tabs PE
Phenylephrine HCl/Acetaminophen	Sinus Formula DayTime
Phenylephrine HCl/Acetaminophen/Chlorpheniramine	Sinus Congest-Pain Day-Night
Codeine Phosphate/Guaifenesin	Ambitussin AC
Doxylamine Succinate/Pseudoephedrine HCl	Lortuss LQ
Chlophedianol HCl/Guaifenesin	Chlo Tuss EX
Chlorpheniramine Maleate/Pseudoephedrine/Dextromethorphan	M-End DM
Dextromethorphan HBr/Phenylephrine/Acetaminophen/Doxylamine	Tylenol Cold Multi-Sympt Night
Guaifenesin/Pseudoephedrine HCl	ExeFen-IR

Appendix E. List of Generic and Brand Names of Medical Products Used to Define Baseline Characteristics in this Request

Generic Name	Brand Name
Epinephrine HCl/Pf	epinephrine HCl (PF)
Hydrocortisone Acetate/Pramoxine HCl	Pramosone
Pseudoephedrine HCl/Chlophedianol HCl/Guaifenesin	Vanacof DX
Pseudoephedrine HCl/Chlophedianol HCl/Guaifenesin	Vanatab DX
Chlorcyclizine HCl/Pseudoephedrine HCl	Nasopen
Chlorpheniramine Maleate/Phenylephrine HCl/Dextromethorphan	Virdec DM
Chlorpheniramine Maleate/Phenylephrine HCl	Virdec
Dextromethorphan HBr/Acetaminophen/Chlorpheniramine Maleate	Flu BP
Guaifenesin/Dextromethorphan HBr/Pseudoephedrine HCl	Tussin CF
Dextromethorphan HBr/Phenylephrine HCl	Cold and Cough (pe-dm)
Brompheniramine Maleate/Pseudoephedrine HCl	Childrens Cold-Alrgy (p-ephed)
Guaifenesin/Dextromethorphan HBr	Tussin DM Clear
Brompheniramine Maleate/Pseudoephedrine HCl/Dextromethorphan	Valu-Tapp DM
Guaifenesin/Dextromethorphan HBr/Phenylephrine	Adult Robitussin Peak Cold M-S
Cetirizine HCl/Pseudoephedrine HCl	Wal-Zyr D
Diphenhydramine HCl/Phenylephrine HCl/Acetaminophen	Adult Robitussin Night M-S Cld
Hydrocortisone Acetate/Pramoxine HCl/Emollient Base	Pramosone E
Brompheniramine Maleate/Phenylephrine HCl/Dextromethorphan	LoHist PEB DM
Guaifenesin/Dextromethorphan HBr	Mucinex DM
Guaifenesin/Dextromethorphan HBr	Double-Tussin DM
Phenylephrine HCl/Dextromethorphan HBr/Acetaminophen/Guaifen	Mucinex Fast-Max Cold-Flu-Thrt
Guaifenesin/Phenylephrine HCl/Acetaminophen	Mucinex Sinus-Max Sev Congestn
Ibuprofen/Phenylephrine HCl	Advil Congestion Relief
Guaifenesin/Phenylephrine HCl	Despec
Acetaminophen/Diphenhydramine Citrate	PM Pain Reliever
Dextromethorphan HBr/Phenylephrine HCl/Acetaminophen	Robitussin Cold-Flu Day
Phenylephrine HCl/Diphenhydramine HCl	Child's Benadryl-D Allergy-Sin
Codeine Phosphate/Guaifenesin	Trymine CG
Tripolidine HCl/Pseudoephedrine HCl	Trymine D
Tripolidine HCl/Pseudoephedrine HCl/Chlophedianol HCl	Trymine CD
Dextromethorphan HBr/Acetaminophen/Doxylamine	Nite Time Cold-Flu
Phenylephrine HCl/Dextromethorphan HBr/Acetaminophen/Guaifen	Multi-Symptom Cold (PE)
Guaifenesin/Dextromethorphan HBr/Phenylephrine	Adult Robitussin M-S Cold
Acetaminophen/Phenyltoloxamine Citrate	Dologesic (w-phenyltoloxamine)
Dextromethorphan HBr/Phenylephrine HCl/Acetaminophen	DayTime
Acetaminophen/Diphenhydramine HCl	Acetaminophen PM
Brompheniramine Maleate/Phenylephrine HCl/Dextromethorphan	Dimaphen DM
Triamcinolone Acetonide/Dimethicone/Silicone, Adhesive	DermaSilkRx SDS
Hydrocortisone Acetate/Aloe Vera	Nucort
Epinephrine	Auvi-Q
Codeine Phosphate/Guaifenesin	Virtussin AC
Chlorpheniramine Maleate/Phenylephrine HCl/Chlophedianol HCl	Carbaphen Ped CH
Guaifenesin/Dextromethorphan HBr/Phenylephrine	Giltuss Pediatric
Phenylephrine HCl/Acetaminophen	Tylenol Sinus Congestion Pain
Dextromethorphan HBr/Phenylephrine HCl/Acetaminophen	Tylenol Cold Multi-Symptom Day
Guaifenesin/Dextromethorphan HBr/Phenylephrine	Exactuss

Appendix E. List of Generic and Brand Names of Medical Products Used to Define Baseline Characteristics in this Request

Generic Name	Brand Name
Cetirizine HCl/Pseudoephedrine HCl	cetirizine-pseudoephedrine
Guaifenesin/Dextromethorphan HBr/Phenylephrine	Giltuss
Mometasone Furoate	Nasonex
Codeine Phosphate/Guaifenesin	Pro-Clear Caps
Acetaminophen/Phenyltoloxamine Citrate	Tension Headache Reliever
Pyrilamine Maleate/Phenylephrine HCl/Chlophedianol HCl	Pro-Chlo
Codeine Phosphate/Pyrilamine Maleate	Pro-Clear AC
Guaifenesin/Pseudoephedrine HCl	Chest Congestion Relief D
Loratadine/Pseudoephedrine Sulfate	Allergy Relief D12
Phenylephrine HCl/Pyrilamine Maleate	pyrilamine-phenylephrine
Naproxen Sodium/Pseudoephedrine HCl	Sinus and Cold-D
Acetaminophen/Pyrilamine Maleate/Caffeine	Menstrual Complete
Guaifenesin/Dextromethorphan HBr/Phenylephrine	Robafen CF (phenylephrine)
Pseudoephedrine HCl/Acetaminophen	Sinus Maximum Strength
Phenylephrine HCl/Diphenhydramine HCl	Allergy-D
Naproxen Sodium/Pseudoephedrine HCl	Aleve Sinus and Headache
Phenylephrine HCl/Dextromethorphan HBr/Acetaminophen/Guaifen	Mucus Relief Plus
Phenylephrine HCl/Dextromethorphan HBr/Acetaminophen/Guaifen	Cold Head Congestion Sever Day
Dextromethorphan/Phenylephrine/Acetaminophen/Diphenhydramine	Flu Formula Daytime-Nighttime
Guaifenesin/Dextromethorphan HBr/Phenylephrine	Cough and Cold Mucus Relief CF
Diphenhydramine/Phenylephrin/Dextromethorph/Acetaminophen/Gg	Suphedrine PE Day-Night
Brompheniramine Maleate/Phenylephrine HCl	Dimaphen (PE)
Pseudoephedrine HCl/Codeine Phosphate/Guaifenesin	Virtussin DAC
Dextromethorphan/Pseudoephedrine HCl/Acetaminophen/Doxylamine	NyQuil D
Doxylamine Succ/Pseudoephedrine HCl/Dextromethorphan HBr	Lortuss DM
Guaifenesin/Dextromethorphan HBr/Pseudoephedrine HCl	Entex PAC
Guaifenesin/Phenylephrine HCl	Entex LQ
Guaifenesin/Phenylephrine HCl/Acetaminophen	Mucinex Cold and Sinus
Phenylephrine HCl/Dextromethorphan HBr/Acetaminophen/Guaifen	Mucinex Sinus-Max Sev Cong(DM)
Diphenhydramine HCl/Phenylephrine HCl/Acetaminophen	Mucinex Fast-Max Nite Cold-Flu
Diphenhydramine HCl/Phenylephrine/Acetaminophen/Guaifenesin	Mucinex Sinus-Max D-N (diphen)
Diphenhydramine/Phenylephrin/Dextromethorph/Acetaminophen/Gg	Mucinex Fast-Max Day-Nite Cold
Guaifenesin/Pseudoephedrine HCl	Mucinex D Maximum Strength
Diphenhydramine HCl/Phenylephrine HCl/Acetaminophen	Mucinex Sinus-Max Nite Congest
Doxylamine/Phenylephrine/Dextromethorphan/Acetaminophen/Gg	Mucinex Sinus-Max Dy-Nt (dxyI)
Hydrocortisone Acetate/Urea	U-Cort
Acetaminophen/Diphenhydramine HCl	Nighttime Pain Plus Sleep
Dextromethorphan/Phenylephrine/Acetaminophen/Chlorpheniramin	Childrens Plus Multi-Symp Cold
Dextromethorphan HBr/Acetaminophen/Doxylamine	Nighttime Cold-Flu
Acetaminophen/Pyrilamine Maleate/Caffeine	Menstrual Relief
Guaifenesin/Dextromethorphan HBr/Phenylephrine	Child Multi-Symptom Cold/Cough
Acetaminophen/Diphenhydramine HCl	Non-Aspirin PM
Pseudoephedrine/Dextromethorphan/Guaifenesin/Acetaminophen	Cold and Cough (pe-dm-gg-acet)
Dextromethorphan/Phenylephrine/Acetaminophen/Chlorpheniramin	Cold Multi-Symptom (chlorphen)
Guaifenesin/Dextromethorphan HBr/Pseudoephedrine HCl	Tussin Cold-Congestion
Guaifenesin/Phenylephrine HCl/Acetaminophen	Cold Head Congest(gg-pe-acetm)

Appendix E. List of Generic and Brand Names of Medical Products Used to Define Baseline Characteristics in this Request

Generic Name	Brand Name
Dextromethorphan HBr/Acetaminophen/Doxylamine	Night Time Cold-Flu
Diphenhydramine HCl/Phenylephrine HCl/Acetaminophen	Intense Cold and Flu
Phenylephrine HCl/Diphenhydramine HCl	Children Night Time Cold-Cough
Pseudoephedrine HCl/Acetaminophen	Daytime Sinus Relief
Phenylephrine HCl/Dextromethorphan HBr/Acetaminophen/Guaifen	Cold and Flu Severe
Phenylephrine HCl/Dextromethorphan HBr/Acetaminophen/Guaifen	Children's Cold-Cough-Sore
Phenylephrine HCl/Dextromethorphan HBr/Acetaminophen/Guaifen	Pressure-Pain-Cold
Dextromethorphan HBr/Phenylephrine/Acetaminophen/Doxylamine	Cold Multi-Symptom NightTime
Guaifenesin/Pseudoephedrine HCl	Tussin Cold Severe Congestion
Phenylephrine HCl/Tripolidine HCl	Sinus Nighttime
Chlorpheniramine Maleate/Phenylephrine HCl	Sinus-Allergy (phenylephrine)
Loratadine/Pseudoephedrine Sulfate	Allergy Relief,Nasal Decongest
Diphenhydramine HCl/Phenylephrine HCl/Acetaminophen	Severe Cold (diphen-PE-acetam)
Diphenhydramine HCl/Phenylephrine HCl/Acetaminophen	Childs Plus Cold and Allergy
Phenylephrine HCl/Dextromethorphan HBr/Acetaminophen/Guaifen	Severe Cold and Flu (PE)
Phenylephrine HCl/Acetaminophen	Daytime Sinus-Congestion
Phenylephrine HCl/Acetaminophen/Chlorpheniramine	Sinus Congestion-Pain(chlorph)
Phenylephrine HCl/Acetaminophen/Doxylamine Succinate	Nighttime Sinus-Congestion
Brompheniramine Maleate/Phenylephrine HCl	Children's Cold-Allergy (PE)
Guaifenesin/Dextromethorphan HBr	Tussin Cough DM
Guaifenesin/Dextromethorphan HBr	Mucus Relief DM
Phenylephrine HCl/Acetaminophen	Non-Aspirin Sinus
Chlorpheniramine Maleate/Phenylephrine HCl	Cold and Allergy
Dextromethorphan HBr/Acetaminophen/Doxylamine	Night Time Cough-Sore Throat
Guaifenesin/Dextromethorphan HBr/Phenylephrine	Severe Congestion and CoughMax
Dextromethorphan HBr/Pseudoephedrine HCl/Acetaminophen	DAY-TIME
Guaifenesin/Phenylephrine HCl	Tussin PE
Phenylephrine HCl/Acetaminophen	DayTime Sinus
Phenylephrine HCl/Dextromethorphan HBr/Acetaminophen/Guaifen	Non-Aspirin Severe Congest M-S
Phenylephrine HCl/Diphenhydramine HCl	Nighttime Cough-Cold
Cromolyn Sodium	Nasal Allergy Symptom Control
Dextromethorphan HBr/Phenylephrine/Acetaminophen/Doxylamine	Cold and Flu Relief Plus (D/N)
Diphenhydramine HCl/Phenylephrine HCl/Acetaminophen	Allergy Relief-Sinus Headache
Dextromethorphan HBr/Acetaminophen/Chlorpheniramine Maleate	Child Plus Cough and RunnyNose
Diphenhydramine HCl/Phenylephrine HCl/Acetaminophen	Flu Relief Therapy Nighttime
Dextromethorphan/Phenylephrine/Acetaminophen/Chlorpheniramin	Cold Multi-Symptom Day/Night
Dextromethorphan HBr/Phenylephrine HCl/Acetaminophen	Cold Multi-Symptom
Guaifenesin/Phenylephrine HCl	Mucus Relief PE
Guaifenesin/Phenylephrine HCl	Mucus Relief D (phenylephrine)
Phenylephrine HCl/Dextromethorphan HBr/Acetaminophen/Guaifen	Mucus Relief Cold-Flu-Sore Thr
Dextromethorphan HBr/Acetaminophen/Doxylamine	Night Time Cold and Flu Relief
Phenylephrine HCl/Acetaminophen/Dexbrompheniramine Maleate	Complete Sinus Relief
Diphenhydramine HCl/Phenylephrine HCl/Acetaminophen	Allergy-Sinus
Phenylephrine HCl/Acetaminophen/Chlorpheniramine	Allergy Multi-Symptom
Guaifenesin/Dextromethorphan HBr	Child Mucus Relief Cough
Acetaminophen/Diphenhydramine HCl	Pain Reliever PM Ex-Strength

Appendix E. List of Generic and Brand Names of Medical Products Used to Define Baseline Characteristics in this Request

Generic Name	Brand Name
Phenylephrine HCl/Dextromethorphan HBr/Acetaminophen/Guaifen	Mucus Relief Severe Cold
Diphenhydramine HCl/Phenylephrine HCl/Acetaminophen	Flu and Sore Throat Relief
Dextromethorphan HBr/Phenylephrine HCl/Acetaminophen	Flu Relief Therapy Daytime
Phenylephrine HCl/Acetaminophen	Pressure and Pain
Guaifenesin/Dextromethorphan HBr	DM Max
Guaifenesin/Phenylephrine HCl/Acetaminophen	Mucus Rlf Severe Sinus Congest
Phenylephrine HCl/Acetaminophen/Chlorpheniramine	Allergy Relief(chlorphen-acet)
Guaifenesin/Pseudoephedrine HCl	Non-Drying Sinus
Dextromethorphan HBr/Phenylephrine/Acetaminophen/Doxylamine	Daytime-Nighttime Cold-Flu
Dextromethorphan HBr/Acetaminophen/Doxylamine	Nighttime Cold-Flu Relief
Ibuprofen/Pseudoephedrine HCl	Ibuprofen Cold
Guaifenesin/Acetaminophen	Chest Congestion
Acetaminophen/Diphenhydramine HCl	Headache PM
Guaifenesin/Phenylephrine HCl/Acetaminophen	Sinus Congestion-Pain(guaif)
Diphenhydramine HCl/Phenylephrine HCl/Acetaminophen	Severe Cold PE
Dextromethorphan HBr/Pseudoephedrine HCl/Acetaminophen	Pain Reliever Flu
Guaifenesin/Dextromethorphan HBr	Tussin Cough-Chest Congestion
Dextromethorphan/Phenylephrine/Acetaminophen/Chlorpheniramin	Daytime and Nighttime Cold
Phenylephrine HCl/Acetaminophen	Sinus Headache PE
Acetaminophen/Diphenhydramine HCl	Acetaminophen PM Extra Str
Pyrilamine Maleate/Phenylephrine HCl/Dextromethorphan HBr	Codituss DM
Guaifenesin/Dextromethorphan HBr	Tussin DM Cough and Chest
Phenylephrine HCl/Dextromethorphan HBr/Acetaminophen/Guaifen	Severe Cold Multi-Symptom
Chlorpheniramine Maleate/Phenylephrine HCl	Sinus and Allergy PE
Dextromethorphan HBr/Phenylephrine HCl/Acetaminophen	Mucinex Fast-MaxSev Cold-Sinus
Dextromethorphan HBr/Acetaminophen/Doxylamine	All-Nite Cold-Flu
Phenylephrine HCl/Acetaminophen/Doxylamine Succinate	Vicks Nyquil Sinex
Guaifenesin/Dextromethorphan HBr	Vicks Nature Fusion Cough-Cong
Dextromethorphan HBr/Phenylephrine HCl/Acetaminophen	Vicks Nature Fusion
Dextromethorphan HBr/Acetaminophen/Doxylamine	Vicks Nature Fusion Cold-Flu
Budesonide	Rhinocort Aqua
Guaifenesin/Dextromethorphan HBr/Phenylephrine	Robitussin M-S Cold CF Max
Phenylephrine HCl/Acetaminophen	Vicks QlearQuil Daytime Sinus
Phenylephrine HCl/Acetaminophen/Doxylamine Succinate	Vicks QlearQuil Nighttime Sinus
Hydrocortisone/Emollient Combination No.45	Pediaderm HC
Triamcinolone Acetonide/Emollient Combination No.45	Pediaderm TA
Ibuprofen/Phenylephrine HCl	Congestion Relief (ibuprof-PE)
Guaifenesin/Phenylephrine HCl	J-MAX
Guaifenesin/Dextromethorphan HBr/Phenylephrine	Biobron DX
Guaifenesin/Dextromethorphan HBr	Robafen DM Cough-Chest Congest
Dexbrompheniramine Maleate/Pseudoephedrine HCl/Codeine Phos	M-End Max D
Guaifenesin/Dextromethorphan HBr	Biospec DMX
Fexofenadine HCl/Pseudoephedrine HCl	Allergy Relief-D(fexofenadine)
Guaifenesin/Dextromethorphan HBr	Adt Robitussin Peak Cld DM Max
Guaifenesin/Phenylephrine HCl	MucaphEd
Epinephrine	Epy

Appendix E. List of Generic and Brand Names of Medical Products Used to Define Baseline Characteristics in this Request

Generic Name	Brand Name
Guaifenesin/Dextromethorphan HBr	Robitussin Cough-Chest Cong DM
Hydrocortisone Acetate/Pramoxine HCl	Epifoam
Dextromethorphan HBr/Doxylamine Succinate	Robitussin Nighttime Cough DM
Tripolidine HCl/Pseudoephedrine HCl	Entre-Hist PSE
Guaifenesin/Dextromethorphan HBr/Pseudoephedrine HCl	Entre-Cough
Pseudoephedrine/Dextromethorphan/Guaifenesin/Acetaminophen	Duraflu
Hydrocodone Bitart/Chlorpheniramine Maleate/Pseudoephedrine	hydrocodone-cpm-pseudoephed
Pseudoephedrine HCl/Codeine Phosphate/Guaifenesin	Cheratussin DAC
Brompheniramine Maleate/Pseudoephedrine HCl	Q-Tapp
Brompheniramine Maleate/Pseudoephedrine HCl/Dextromethorphan	Q-Tapp DM
Guaifenesin/Dextromethorphan HBr	Mucus DM
Guaifenesin/Dextromethorphan HBr	Mucus DM Max
Guaifenesin/Phenylephrine HCl	Deconex IR
Brompheniramine Maleate/Phenylephrine HCl/Dextromethorphan	Ala-Hist DM
Guaifenesin/Dextromethorphan HBr/Phenylephrine	Deconex DMX
Fluticasone Furoate	Veramyst
Phenylephrine HCl/Diphenhydramine HCl	Allergy and Sinus Relief
Codeine Phosphate/Guaifenesin	Iophen C-NR
Guaifenesin/Dextromethorphan HBr	Iophen DM-NR
Dextromethorphan HBr/Phenylephrine HCl/Acetaminophen	Multi-Symptom Cold Daytime
Diphenhydramine HCl/Phenylephrine HCl/Acetaminophen	Allergy M-S Nighttime
Dextromethorphan/Phenylephrine/Acetaminophen/Chlorpheniramine	Multi-Symptom Cold Night Time
Chlorpheniramine Maleate/Phenylephrine HCl	Suphedrine PE Cold and Allergy
Guaifenesin/Dextromethorphan HBr	Cough Control DM
Guaifenesin/Dextromethorphan HBr/Phenylephrine	Cough Control CF (PE)
Dextromethorphan HBr/Acetaminophen/Chlorpheniramine Maleate	Maximum Strength Flu
Brompheniramine Maleate/Acetaminophen	Staflex (bromphenira-acetamin)
Guaifenesin/Dextromethorphan HBr/Pseudoephedrine HCl	Ambi 40PSE-400GFN-20DM
Guaifenesin/Dextromethorphan HBr/Phenylephrine	phenylephrine-DM-guaifenesin
Phenylephrine HCl/Chlophedianol HCl/Guaifenesin	phenylephrine-chlophedianol-GG
Chlorpheniramine Maleate/Phenylephrine HCl/Dextromethorphan	chlorpheniramine-phenyleph-DM
Chlorpheniramine Maleate/Phenylephrine HCl/Dextromethorphan	AMBI 10PEH-4CPM-20DM
Dexchlorpheniramine Maleate/Pseudoephedrine/Chlophedianol	dexchlorphen-PSE-chlophedianol
Chlorpheniramine Maleate/Pseudoephedrine HCl	AMBI 60PSE-4CPM
Phenylephrine HCl/Diphenhydramine HCl	diphenhydramine-phenylephrine
Chlorpheniramine Maleate/Dextromethorphan HBr	AMBI 20DM-4CPM
Chlorpheniramine Maleate/Phenylephrine HCl	AMBI 10PEH-4CPM
Chlophedianol HCl/Guaifenesin	chlophedianol-guaifenesin
Guaifenesin/Pseudoephedrine HCl	Ambi 60PSE-400GFN
Chlorpheniramine Maleate/Pseudoephedrine/Dextromethorphan	AMBI 60PSE-4CPM-20DM
Guaifenesin/Dextromethorphan HBr	Q-Tussin DM
Dextromethorphan HBr/Phenylephrine HCl/Acetaminophen	Daytime Cold-Flu
Acetaminophen/Diphenhydramine HCl	Tylenol PM Extra Strength
Guaifenesin/Dextromethorphan HBr	Guaifenesin-DM
Acetaminophen/Diphenhydramine Citrate	Pain Medicine P.M.
Dextromethorphan/Pseudoephedrine HCl/Acetaminophen/Doxylamine	Night Time Cold Medicine

Appendix E. List of Generic and Brand Names of Medical Products Used to Define Baseline Characteristics in this Request

Generic Name	Brand Name
Dextromethorphan/Pseudoephedrine/Acetaminophen/Chlorpheniramine	Non-Aspirin Cold
Tripolidine HCl/Pseudoephedrine HCl	Nasal Decongestant-Antihist
Pseudoephedrine/Dextromethorphan/Guaifenesin/Acetaminophen	Cough and Cold
Pseudoephedrine HCl/Acetaminophen/Chlorpheniramine	Non-Aspirin Child's Cold
Pseudoephedrine HCl/Acetaminophen	Max Str Non-Drowsy Sinus
Brompheniramine Maleate/Pseudoephedrine HCl	Valu-Tapp
Pseudoephedrine HCl/Acetaminophen/Chlorpheniramine	Pain Reliever Allergy Sinus
Tripolidine HCl/Pseudoephedrine HCl	Cold and Allergy(tripolidine)
Pseudoephedrine HCl/Acetaminophen	Non-Aspirin Sinus Non-Drowsy
Pseudoephedrine HCl/Acetaminophen/Chlorpheniramine	Non-Aspirin Allergy Sinus
Pseudoephedrine HCl/Acetaminophen	Pain Reliever Sinus
Dexbrompheniramine Maleate/Pseudoephedrine Sulfate	12 Hour Relief
Dextromethorphan HBr/Pseudoephedrine HCl/Acetaminophen	Suphedrine Severe Cold Max Str
Dextromethorphan HBr/Pseudoephedrine HCl	Expectorant Max Strength
Guaifenesin/Dextromethorphan HBr/Pseudoephedrine HCl	Decongestant Cough
Pseudoephedrine HCl/Acetaminophen	Sinus Headache
Chlorpheniramine Maleate/Pseudoephedrine HCl	Triacting Orange
Chlorpheniramine Maleate/Pseudoephedrine/Dextromethorphan	Pedia Relief
Pseudoephedrine HCl/Acetaminophen/Diphenhydramine	Non-Aspirin Allergy Sinus Pm
Pseudoephedrine HCl/Acetaminophen/Diphenhydramine	Valu-Dryl Allergy-Sinus-Head
Chlorpheniramine Maleate/Pseudoephedrine/Dextromethorphan	Triacting M-Sym Cold/Cough
Dextromethorphan HBr/Pseudoephedrine HCl/Acetaminophen	Infants' Non-Aspirin Cold
Acetaminophen/Diphenhydramine HCl	Non-Aspirin Pain Relief PM
Hydrocortisone/Aloe Vera	Hydrocortisone Plus
Chlorpheniramine Maleate/Pseudoephedrine HCl	Sinus and Allergy(pseudoephed)
Guaifenesin/Pseudoephedrine HCl	Triacting Expectorant
Dextromethorphan HBr/Pseudoephedrine HCl/Acetaminophen	Non-Aspirin Flu
Tripolidine HCl/Pseudoephedrine HCl	Nasal Decongest-Antihistamine
Dextromethorphan HBr/Pseudoephedrine HCl	Pedia Relief Infant
Pseudoephedrine/Dextromethorphan/Guaifenesin/Acetaminophen	Day Time Liquid Cold
Hydrocortisone/Mineral Oil/Petrolatum,White	hydrocortisone-min oil-wht pet
Pseudoephedrine HCl/Codeine/Chlorpheniramine	Phenylhistine DH
Guaifenesin/Dextromethorphan HBr	Chest Congestion Relief + DM
Chlorpheniramine Maleate/Phenylephrine HCl	Allerfed Cold and Allergy
Acetaminophen/Dextromethorphan HBr	Child Triaminic Cough-Sore Thr
Promethazine/Phenylephrine HCl/Codeine	promethazine-phenyleph-codeine
Guaifenesin/Pseudoephedrine HCl	Congestac
Dextromethorphan HBr/Phenylephrine/Acetaminophen/Doxylamine	Mucinex Fast-Max Nite (doxyl)
Naproxen Sodium/Pseudoephedrine HCl	Aleve-D Sinus and Cold
Brompheniramine Maleate/Phenylephrine HCl/Dextromethorphan	RelCof DM
Dextromethorphan HBr/Phenylephrine HCl/Acetaminophen	Mucinex Fast-Max Congest-Head
Doxylamine/Phenylephrine/Dextromethorphan/Acetaminophen/Gg	Mucinex Fast-Max Day-Nt(doxyl)
Diphenhydramine/Phenylephrine/Dextromethorphan/Acetaminophen/Gg	Child Mucinex M-S Cold Day-Nte
Guaifenesin/Phenylephrine HCl	Child Mucinex Stuffy Nose-Cold
Diphenhydramine HCl/Phenylephrine HCl/Acetaminophen	Child Delsym Cough+Cold
Guaifenesin/Dextromethorphan HBr	Child Delsym Cough+Chest DM

Appendix E. List of Generic and Brand Names of Medical Products Used to Define Baseline Characteristics in this Request

Generic Name	Brand Name
Phenylephrine HCl/Dextromethorphan HBr/Acetaminophen/Guaifen	Delsym Cough-Cold Daytime
Guaifenesin/Dextromethorphan HBr	dextromethorphan-guaifenesin
Pseudoephedrine HCl/Hydrocodone Bitartrate	Rezira
Guaifenesin/Dextromethorphan HBr	Child Chest Congestion + Cough
Guaifenesin/Dextromethorphan HBr/Phenylephrine	Tussin CF Cough-Cold
Acetaminophen/Dextromethorphan HBr	Child Cough and Sore Throat
Guaifenesin/Dextromethorphan HBr	Tab Tussin DM
Guaifenesin/Phenylephrine HCl	Chest Congestion Relief PE
Guaifenesin/Dextromethorphan HBr	Child Triaminic Cough-Congest
Dextromethorphan HBr/Doxylamine Succinate	Daytime-Nighttime Cough
Chlorpheniramine Maleate/Dextromethorphan HBr	Coricidin HBP Cough and Cold
Acetaminophen/Diphenhydramine HCl	Percogesic
Phenylephrine HCl/Acetaminophen/Chlorpheniramine	Allergy Sinus PE
Fluticasone Furoate	Flonase Sensimist
Triamcinolone Acetonide/Dimethicone/Silicone, Adhesive	NuTriaRx
Phenylephrine HCl/Dextromethorphan HBr/Acetaminophen/Guaifen	Wal-Phed PE Pressure+Pain+Cold
Chlorpheniramine Maleate/Pseudoephedrine/Dextromethorphan	Pedia Relief Cough-Cold
Guaifenesin/Phenylephrine HCl	Liquibid D-R
Diphenhydramine HCl/Phenylephrine HCl/Acetaminophen	Wal-Phed PE Nighttime Cold
Brompheniramine Maleate/Phenylephrine HCl/Dextromethorphan	Wal-tap DM
Codeine Phosphate/Guaifenesin	Robafen AC
Dextromethorphan HBr/Acetaminophen/Doxylamine	Vicks Nyquil Nighttime Relief
Phenylephrine HCl/Acetaminophen	Contac Cold-Flu Day
Guaifenesin/Dextromethorphan HBr	Mucosa DM
Brompheniramine Maleate/Phenylephrine HCl/Dextromethorphan	Dimetapp DM Cold-Cough (PE)
Pyrilamine Maleate/Chlophedianol HCl	VanaCof AC
Naproxen Sodium/Pseudoephedrine HCl	Aleve Cold and Sinus
Loratadine/Pseudoephedrine Sulfate	Allergy Relief-D (loratadine)
Fluticasone Propionate	ClariSpray
Chlorpheniramine Maleate/Phenylephrine Bitartrate/Aspirin	Cold Relief Plus
Loratadine/Pseudoephedrine Sulfate	loratadine-pseudoephedrine
Guaifenesin/Dextromethorphan HBr	Wal-Tussin DM
Phenylephrine HCl/Dextromethorphan HBr/Acetaminophen/Guaifen	Vicks DayQuil Severe Cold-Flu
Fluticasone Propionate	Childrens 24 Hr Allergy Relief
Acetaminophen/Diphenhydramine HCl	Non-Aspirin Nighttime
Fluticasone Propionate	Flonase Allergy Relief
Diphenhydramine HCl/Phenylephrine HCl/Acetaminophen	Wal-phed PE Severe Cold
Dextromethorphan HBr/Phenylephrine/Acetaminophen/Doxylamine	Severe Cold and Flu Nighttime
Triamcinolone Acetonide/Dimethicone/Silicone, Adhesive	DermacinRx SilaPak
Guaifenesin/Dextromethorphan HBr/Phenylephrine	Pres Gen Pediatric
Acetaminophen/Diphenhydramine Citrate	Headache Relief PM
Guaifenesin/Dextromethorphan HBr	G-Fenesin DM
Dextromethorphan/Pseudoephedrine HCl/Acetaminophen/Doxylamine	Alka-Seltzer Plus Cold+Flu
Phenylephrine HCl/Acetaminophen	Sinus Pain-Pressure (PE)
Guaifenesin/Dextromethorphan HBr	Adult Wal-Tussin DM Max
Guaifenesin/Dextromethorphan HBr	Refenesen DM

Appendix E. List of Generic and Brand Names of Medical Products Used to Define Baseline Characteristics in this Request

Generic Name	Brand Name
Phenylephrine HCl/Dextromethorphan HBr/Acetaminophen/Guaifen	Rompe Pecho Max Multi Symptoms
Dexchlorpheniramine Maleate/Pseudoephedrine/Chlophedianol	Panatuss PED
Phenylephrine HCl/Acetaminophen	Wal-Phed PE Sinus Headache
Ibuprofen/Pseudoephedrine HCl	Wal-Profen Cold-Sinus
Loratadine/Pseudoephedrine Sulfate	Claritin-D 12 Hour
Brompheniramine Maleate/Phenylephrine HCl	Child Triaminic Cold-Allergy
Hydrocortisone/Aloe Vera	hydrocortisone-aloe vera
Chlorpheniramine Maleate/Pseudoephedrine HCl/Codeine	Zodryl DAC 40
Guaifenesin/Dextromethorphan HBr/Phenylephrine	G-Tusicof
Fluticasone Propionate	Allergy Relief (fluticasone)
Dextromethorphan HBr/Acetaminophen/Doxylamine	Vicks NyQuil Cold/Flu Liquicap
Chlorcyclizine HCl/Pseudoephedrine HCl	Stahist AD
Chlorpheniramine Maleate/Phenylephrine HCl/Chlophedianol HCl	ExaPhen CH
Guaifenesin/Dextromethorphan HBr	Wal-Tussin DM Clear
Chlorpheniramine Maleate/Phenylephrine HCl	Wal-Phed PE Sinus and Allergy
Triamcinolone Acetonide/Dimethicone/Silicone, Adhesive	Whytederm TDPak
Olopatadine HCl	Patanase
Chlorpheniramine Maleate/Dextromethorphan HBr	Children's Cough-Cold Relief
Guaifenesin/Dextromethorphan HBr/Phenylephrine	Wal-Tussin Cough and Cold CF
Dextromethorphan HBr/Acetaminophen/Chlorpheniramine Maleate	Coricidin HBP
Dextromethorphan HBr/Phenylephrine/Acetaminophen/Doxylamine	Tylenol Cold Max Night
Phenylephrine HCl/Acetaminophen	Sinus Pain Relief
Mometasone Furoate	mometasone
Dextromethorphan/Phenylephrine/Acetaminophen/Chlorpheniramin	Cold Head Congestion Day/Nite
Triamcinolone Acetonide	Nasacort
Codeine Phosphate/Guaifenesin	Guaiatussin AC
Triamcinolone Acetonide	Nasal Allergy
Phenylephrine HCl/Acetaminophen	Sinus Relief (Non-Drowsy)
Acetaminophen/Chlorpheniramine Maleate	Coricidin HBP Cold and Flu
Guaifenesin/Dextromethorphan HBr/Phenylephrine	Dometuss-DMX
Loratadine/Pseudoephedrine Sulfate	Allergy-Congestion Relief-D
Diphenhydramine HCl/Phenylephrine HCl/Acetaminophen	Allergy Plus Severe Sinus HA
Chlorpheniramine/Dextromethorphan/Acetaminophen/Guaifenesin	Coricidin HBP Day-Night
Guaifenesin/Phenylephrine HCl/Acetaminophen	Mucus Relief Cold and Sinus
Brompheniramine Maleate/Phenylephrine HCl/Dextromethorphan	Rynex DM
Phenylephrine HCl/Acetaminophen	Pain Relief Sinus PE
Loratadine/Pseudoephedrine Sulfate	Wal-Itin D 12 Hour
Fluticasone Furoate	Children's Flonase Sensimist
Chlorpheniramine Maleate/Dextromethorphan HBr	Vicks Children's NyQuil Cold-C
Fexofenadine HCl/Pseudoephedrine HCl	Wal-Fex D 24 Hour
Guaifenesin/Dextromethorphan HBr	Mucus Relief Cough
Guaifenesin/Pseudoephedrine HCl	Mucus Relief D (pseudoephed)
Naproxen Sodium/Pseudoephedrine HCl	All Day Pain Relief Sinus,Cold
Aspirin/Diphenhydramine Citrate	Bayer PM
Acetaminophen/Diphenhydramine HCl	Acetadryl
Dextromethorphan HBr/Phenylephrine HCl/Dexbrompheniramine	Bionatuss DXP

Appendix E. List of Generic and Brand Names of Medical Products Used to Define Baseline Characteristics in this Request

Generic Name	Brand Name
Chlorpheniramine Maleate/Phenylephrine HCl/Dextromethorphan	Rycontuss
Brompheniramine Maleate/Phenylephrine HCl/Dextromethorphan	Cold and Cough DM
Guaifenesin/Phenylephrine HCl	ExaPhex TR
Guaifenesin/Pseudoephedrine HCl	Entex T
Dextromethorphan HBr/Acetaminophen/Chlorpheniramine Maleate	Flu HBP
Phenylephrine HCl/Acetaminophen	Sudafed PE Pressure+Pain
Guaifenesin/Dextromethorphan HBr/Pseudoephedrine HCl	Tusnel-DM Pediatric
Pseudoephedrine HCl/Codeine Phosphate/Guaifenesin	Zodryl DEC 40
Brompheniramine Maleate/Phenylephrine HCl/Dextromethorphan	Children's Cold and Cough (PE)
Guaifenesin/Dextromethorphan HBr/Phenylephrine	Tusicof
Acetaminophen/Dexbrompheniramine Maleate	Dologen 325
Guaifenesin/Dextromethorphan HBr	Mucus Relief DM Max
Guaifenesin/Pseudoephedrine HCl	Mucus D
Hydrocortisone/Skin Cleanser Combination No.35	Dermasorb HC Complete Kit
Dexchlorpheniramine Maleate/Phenylephrine HCl	Rymed (dexchlorpheniramine-PE)
Desloratadine/Pseudoephedrine Sulfate	Clarinet-D 12 HOUR
Dextromethorphan HBr/Phenylephrine/Acetaminophen/Doxylamine	Vicks NyQuil Severe Cold-Flu
Loratadine/Pseudoephedrine Sulfate	AllerClear D-12hr
Beclomethasone Dipropionate	QNASL
Chlorpheniramine Maleate/Pseudoephedrine HCl	LoHist - D
Chlorpheniramine Maleate/Phenylephrine Bitartrate/Aspirin	Alka-Seltzer Plus Cold (PE)
Acetaminophen/Pyriminamine Maleate/Caffeine	Midol Complete
Triamcinolone Acetonide	Children's Nasacort
Guaifenesin/Dextromethorphan HBr/Phenylephrine	Bio-S-Pres Dx
Guaifenesin/Dextromethorphan HBr	Siltussin-DM
Dextromethorphan HBr/Phenylephrine HCl/Acetaminophen	Vicks DayQuil Cold-Flu Relief
Acetaminophen/Diphenhydramine HCl	Pain Relief PM Rapid Release
Phenylephrine HCl/Dextromethorphan HBr/Acetaminophen/Guaifen	Wal-Phed PE Cold-Cough
Pseudoephedrine HCl/Codeine Phosphate/Guaifenesin	Guaifenesin DAC
Brompheniramine Maleate/Pseudoephedrine HCl/Codeine Phosphat	Rydex
Phenylephrine HCl/Dextromethorphan HBr/Acetaminophen/Guaifen	Tylenol Cold and Flu Severe
Dextromethorphan HBr/Phenylephrine HCl/Acetaminophen	Cold-Flu Relief
Guaifenesin/Dextromethorphan HBr	Supress DM
Guaifenesin/Phenylephrine HCl/Acetaminophen	Pressure-Pain PE Plus Mucus
Epinephrine	EpiPen 2-Pak
Dexchlorpheniramine Maleate/Pseudoephed/Dextromethorphan HBr	Deltuss DMX (dexchlorphen)
Azelastine HCl	Astepro
Guaifenesin/Dextromethorphan HBr	Mucinex Cough Mini-Melts
Guaifenesin/Dextromethorphan HBr/Phenylephrine	G-Tron PED
Brompheniramine Maleate/Phenylephrine HCl	Brohist D
Dextromethorphan HBr/Phenylephrine HCl/Acetaminophen	Cold Head Congestion Daytime
Guaifenesin/Phenylephrine HCl/Acetaminophen	Coldonyl
Dextromethorphan HBr/Phenylephrine HCl/Acetaminophen	Mapap Cold Formula
Guaifenesin/Phenylephrine HCl	Refenesen PE
Diphenhydramine/Phenylephrin/Dextromethorph/Acetaminophen/Gg	Wal-Phed PE Day-Night
Brompheniramine Maleate/Phenylephrine HCl/Dextromethorphan	Glenmax PEB DM

Appendix E. List of Generic and Brand Names of Medical Products Used to Define Baseline Characteristics in this Request

Generic Name	Brand Name
Phenylephrine HCl/Acetaminophen	Suphedrine PE Sinus Headache
Chlorpheniramine Maleate/Phenylephrine HCl	Cold and Allergy PE
Dexchlorpheniramine Maleate/Pseudoephedrine HCl	Deltuss DP
Chlorpheniramine Maleate/Phenylephrine HCl/Dextromethorphan	Centergy DM
Acetaminophen/Diphenhydramine HCl	EaZZZe The Pain
Guaifenesin/Dextromethorphan HBr	Mucus Relief DM Cough
Dextromethorphan HBr/Acetaminophen/Doxylamine	Coricidin HBP Cold-Multi Sympt
Guaifenesin/Dextromethorphan HBr	Adult Cough Formula DM Max
Guaifenesin/Dextromethorphan HBr	Antitussive DM
Brompheniramine Maleate/Phenylephrine HCl/Dextromethorphan	Children's Dibromm DM Cold-Cou
Hydrocortisone/Skin Cleanser Combination No.25	Aqua Glycolic HC
Chlorpheniramine Maleate/Pseudoephedrine/Dextromethorphan	Rescon-DM
Guaifenesin/Dextromethorphan HBr/Phenylephrine	Child's Mucus Relief M-S Cold
Brompheniramine Maleate/Phenylephrine HCl/Dextromethorphan	Altipres-B
Guaifenesin/Phenylephrine HCl/Acetaminophen	Mucus Relief SinusPressur-Pain
Guaifenesin/Phenylephrine HCl	Supress-PE
Pyrilamine Maleate/Chlophedianol HCl	Ninjacof
Phenylephrine HCl/Acetaminophen/Doxylamine Succinate	Vicks Sinex Nighttime
Guaifenesin/Dextromethorphan HBr	Robafen DM Cough
Brompheniramine Maleate/Phenylephrine HCl	Relhist BP
Pheniramine Maleate/Phenylephrine HCl/Acetaminophen	Wal-Flu Cold and Sore Throat
Ibuprofen/Pseudoephedrine HCl	Advil Cold and Sinus
Guaifenesin/Dextromethorphan HBr	Tussin DM Cough
Guaifenesin/Dextromethorphan HBr/Phenylephrine	VanaTab DM
Tripolidine HCl/Phenylephrine HCl/Codeine Phosphate	Histex-AC
Acetaminophen/Diphenhydramine HCl	Night Time Pain Medicine
Guaifenesin/Dextromethorphan HBr	Robafen DM
Dexchlorpheniramine Maleate/Pseudoephed/Dextromethorphan HBr	Abatuss DMX
Epinephrine	EpiPen Jr 2-Pak
Brompheniramine Maleate/Phenylephrine HCl/Dextromethorphan	M-Hist DM
Guaifenesin/Phenylephrine HCl/Acetaminophen	Severe Sinus
Ibuprofen/Pseudoephedrine HCl	Wal-Profen D Cold and Sinus
Guaifenesin/Phenylephrine HCl	Gilphex TR
Guaifenesin/Dextromethorphan HBr/Phenylephrine	Maxiphen DMX
Phenylephrine HCl/Acetaminophen/Chlorpheniramine	Pain Relief Allergy Sinus
Guaifenesin/Dextromethorphan HBr	Safe Tussin DM
Guaifenesin/Dextromethorphan HBr/Phenylephrine	Exactuss TR
Guaifenesin/Dextromethorphan HBr	Fenesin DM IR
Fluticasone Propionate	Children's Flonase Allergy Rlf
Brompheniramine Maleate/Phenylephrine HCl/Dextromethorphan	Glenmax PEB DM Forte
Guaifenesin/Dextromethorphan HBr/Pseudoephedrine HCl	Actinel Pediatric
Fluticasone Propionate	24 Hour Allergy Relief
Chlorpheniramine Maleate/Phenylephrine HCl/Ibuprofen	Advil Allergy-Congestion Rlf
Guaifenesin/Dextromethorphan HBr/Phenylephrine	Tussi-Pres
Diphenhydramine HCl/Phenylephrine HCl/Acetaminophen	Theraflu ExpressMax Cold Night
Guaifenesin/Pseudoephedrine HCl	Poly-Vent IR

Appendix E. List of Generic and Brand Names of Medical Products Used to Define Baseline Characteristics in this Request

Generic Name	Brand Name
Guaifenesin/Phenylephrine HCl	Duravent PE
Loratadine/Pseudoephedrine Sulfate	Wal-itin D
Dextromethorphan/Phenylephrine/Acetaminophen/Chlorpheniramin	Alka-Seltzer Plus Flu
Guaifenesin/Dextromethorphan HBr	Pecgen DMX
Guaifenesin/Dextromethorphan HBr/Phenylephrine	BioGtuss NF
Hydrocodone Bitart/Chlorpheniramine Maleate/Pseudoephedrine	Zutripro
Phenylephrine HCl/Dextromethorphan HBr/Acetaminophen/Guaifen	Severe Cold
Diphenhydramine HCl/Phenylephrine/Acetaminophen/Guaifenesin	Sinus Relief Max Str Day-Night
Dextromethorphan HBr/Phenylephrine/Acetaminophen/Doxylamine	Alka-Seltzer Plus Sin-Allg-Cgh
Guaifenesin/Dextromethorphan HBr	Adult Robitussin Peak Cold DM
Acetaminophen/Diphenhydramine Citrate	Midol PM
Brompheniramine Maleate/Pseudoephedrine HCl	Rynex PSE
Dexchlorpheniramine Maleate/Pseudoephedrine/Chlophedianol	Panatuss PED Drops
Chlorpheniramine Maleate/Phenylephrine HCl/Dextromethorphan	Balamine DM (chlor-PE)
Chlorpheniramine Maleate/Phenylephrine HCl	NoHist-LQ
Diphenhydramine HCl/Phenylephrine HCl/Acetaminophen	Wal-Flu Severe Cold and Cough
Brompheniramine Maleate/Phenylephrine HCl	Child Wal-Tap Cold-Allergy
Guaifenesin/Dextromethorphan HBr	Children's Cough
Dextromethorphan HBr/Phenylephrine HCl	Pediacare Multi-Symptom Cold
Phenylephrine HCl/Acetaminophen/Chlorpheniramine	Dristan Cold
Dextromethorphan/Phenylephrine/Acetaminophen/Chlorpheniramin	Alka-Seltzer Plus Cold/CoughFm
Thonzylamine HCl/Phenylephrine HCl	Nasopen PE
Phenylephrine HCl/Dextromethorphan HBr/Acetaminophen/Guaifen	Cold-Cough Sinus Relief PE
Cetirizine HCl/Pseudoephedrine HCl	Aller-Tec D
Hydrocortisone/Aloe Vera	Cortizone-10 with aloe
Dexbrompheniramine Maleate/Pseudoephedrine HCl	Acticon (dexbromph-pse)
Ibuprofen/Pseudoephedrine HCl	Cold and Sinus Pain Relief
Brompheniramine Maleate/Phenylephrine HCl	Glenmax PEB
Ibuprofen/Pseudoephedrine HCl	Cold-Sinus Relief
Triamcinolone Acetonide/Dimethicone/Silicone, Adhesive	Tri-Sila
Chlorpheniramine Maleate/Dextromethorphan HBr	Cough and Cold BP
Guaifenesin/Phenylephrine HCl/Acetaminophen	CCP Caffeine Free
Dextromethorphan HBr/Phenylephrine HCl/Acetaminophen	Flu and Severe Cold-Daytime
Phenylephrine HCl/Dextromethorphan HBr/Acetaminophen/Guaifen	Non-Pseudo Cold Relief
Diphenhydramine HCl/Phenylephrine HCl/Acetaminophen	Severe Allergy-Sinus Headache
Pseudoephedrine HCl/Codeine Phosphate/Guaifenesin	Zodryl DEC 60
Diphenhydramine/Phenylephrin/Dextromethorph/Acetaminophen/Gg	Daytime-Cold Nighttime-Cld-Flu
Fexofenadine HCl/Pseudoephedrine HCl	Wal-Fex D 12 Hour
Phenylephrine HCl/Acetaminophen/Doxylamine Succinate	DayTime and NiteTime Sinus
Guaifenesin/Dextromethorphan HBr	Adult Tussin DM
Diphenhydramine/Phenylephrin/Dextromethorph/Acetaminophen/Gg	Children's M-S Cold Day-Night
Guaifenesin/Dextromethorphan HBr/Phenylephrine	Desgen DM
Guaifenesin/Dextromethorphan HBr/Pseudoephedrine HCl	Bionel
Dexbrompheniramine Maleate/Pseudoephedrine HCl	Conex
Guaifenesin/Dextromethorphan HBr	Tusnel Diabetic
Acetaminophen/Diphenhydramine HCl	Allergy Severe

Appendix E. List of Generic and Brand Names of Medical Products Used to Define Baseline Characteristics in this Request

Generic Name	Brand Name
Chlorpheniramine Maleate/Pseudoephedrine HCl	SudoGest Sinus and Allergy
Fluocinolone Acetonide/Urea/Silicone, Adhesive	Noxipak
Chlorpheniramine Maleate/Phenylephrine HCl/Dextromethorphan	Bronkids
Dextromethorphan/Pseudoephedrine HCl/Acetaminophen/Doxylamine	Nite Time
Guaifenesin/Phenylephrine HCl	Rescon-GG
Guaifenesin/Dextromethorphan HBr/Pseudoephedrine HCl	Tusnel Pediatric
Pseudoephedrine HCl/Codeine Phosphate/Guaifenesin	Zodryl DEC 80
Ciclesonide	Omnaris
Chlorpheniramine Maleate/Phenylephrine HCl/Dextromethorphan	Bio-B Kids
Dextromethorphan HBr/Phenylephrine HCl/Dexbrompheniramine	Alahist CF
Fexofenadine HCl/Pseudoephedrine HCl	fexofenadine-pseudoephedrine
Guaifenesin/Dextromethorphan HBr/Phenylephrine	Robitussin Cough and Cold CF
Thonzylamine HCl/Chlophedianol HCl	POLY HIST PD
Acetaminophen/Dexbrompheniramine Maleate	Dologesic-DF
Diphenhydramine HCl/Phenylephrine HCl/Acetaminophen	Children's Mucinex Night Time
Dextromethorphan HBr/Acetaminophen/Doxylamine	Cough-Sore Throat Night
Guaifenesin/Phenylephrine HCl	Children's Stuffy Nose-Cold
Dextromethorphan HBr/Doxylamine Succinate	Vicks NyQuil Cough
Guaifenesin/Dextromethorphan HBr	Guaiaisorb DM
Brompheniramine Maleate/Phenylephrine HCl/Dextromethorphan	Bio T Pres-B
Beclomethasone Dipropionate	Beconase AQ
Cetirizine HCl/Pseudoephedrine HCl	Zyrtec-D
Guaifenesin/Dextromethorphan HBr	Zyncof
Fluocinolone Acetonide/Skin Cleanser No.10/Silicone, Tape	Xilapak
Pseudoephedrine/Dextromethorphan/Guaifenesin/Acetaminophen	Daytime Cold and Flu Relief
Diphenhydramine HCl/Phenylephrine HCl/Acetaminophen	Severe Cold Cough-Flu
Brompheniramine Maleate/Phenylephrine HCl	Rynex PE
Epinephrine	EpiPen
Guaifenesin/Dextromethorphan HBr	Ultra Tuss Safe
Dextromethorphan HBr/Phenylephrine/Acetaminophen/Doxylamine	Alka-Seltzer Plus Night
Chlorpheniramine Maleate/Phenylephrine HCl/Dextromethorphan	Bio-Rytuss
Dextromethorphan HBr/Acetaminophen/Doxylamine	Nitetime Multi-Symptom
Chlorpheniramine Maleate/Phenylephrine HCl/Dextromethorphan	NoHist-DM
Diphenhydramine/Phenylephrine/Dextromethorphan/Acetaminophen/Gg	Mucinex Fast-Max Day-Nite Cong
Guaifenesin/Dextromethorphan HBr	G-Zyncof
Phenylephrine HCl/Dextromethorphan HBr/Acetaminophen/Guaifen	Decorel Forte Plus
Guaifenesin/Dextromethorphan HBr/Pseudoephedrine HCl	Tusnel New Formula
Guaifenesin/Phenylephrine HCl	Congest-Eze PE
Guaifenesin/Dextromethorphan HBr	Expectorant DM
Fluticasone Propionate	Aller-Flo
Pyrilamine Maleate/Dextromethorphan HBr	Capron DM
Guaifenesin/Dextromethorphan HBr/Pseudoephedrine HCl	Capmist DM
Fexofenadine HCl/Pseudoephedrine HCl	Allergy-Congest Relief-D(fexo)
Dextromethorphan HBr/Phenylephrine HCl/Dexbrompheniramine	G-P-Tuss DXP
Diphenhydramine HCl/Phenylephrine HCl/Acetaminophen	Herbiomed Allergy Cold-Sinus
Diphenhydramine HCl/Phenylephrine HCl/Acetaminophen	Cold and Flu Relief(diphen-pe)

Appendix E. List of Generic and Brand Names of Medical Products Used to Define Baseline Characteristics in this Request

Generic Name	Brand Name
Codeine Polistirex/Chlorpheniramine Polistirex	Tuzistra XR
Guaifenesin/Dextromethorphan HBr/Phenylephrine	Biogil
Guaifenesin/Dextromethorphan HBr	Adult Tussin Cough Congest DM
Guaifenesin/Dextromethorphan HBr	Ri-Tussin DM
Dextromethorphan/Pseudoephedrine/Acetaminophen/Chlorpheniram	Alka-Seltzer Plus-D Sinus-Cold
Diphenhydramine/Phenylephrin/Dextromethorph/Acetaminophen/Gg	Mucinex Fst-Mx Dy-Nt Cold(dph)
Phenylephrine HCl/Acetaminophen/Chlorpheniramine	Sinutrol PE
Chlorpheniramine Maleate/Dextromethorphan HBr	Dimetapp Long-Acting (cpm-DM)
Dexbrompheniramine Maleate/Phenylephrine HCl	Dallergy (dexbrompheniramn-PE)
Budesonide	Rhinocort Allergy
Dextromethorphan HBr/Phenylephrine HCl/Acetaminophen	Day Multi-Symp Flu-Severe Cold
Loratadine/Pseudoephedrine Sulfate	Alavert D-12 Allergy-Sinus
Dextromethorphan/Phenylephrine/Acetaminophen/Chlorpheniramin	Children's Flu Relief
Dextromethorphan HBr/Phenylephrine HCl/Acetaminophen	Alka-Seltzer Plus Sinus-Cough
Guaifenesin/Dextromethorphan HBr	Siltussin DM DAS
Guaifenesin/Hydrocodone Bitartrate	Obredon
Pseudoephedrine HCl/Codeine Phosphate/Guaifenesin	Zodryl DEC 50
Tripolidine HCl/Pseudoephedrine HCl	Aprodine
Guaifenesin/Phenylephrine HCl/Acetaminophen	Tylenol Sinus Severe
Chlorpheniramine Maleate/Codeine Phosphate	Z-Tuss AC
Guaifenesin/Dextromethorphan HBr/Phenylephrine	Bio T Pres Pediatric
Acetaminophen/Diphenhydramine HCl	Wal-Nadol PM
Guaifenesin/Phenylephrine HCl	Fenesin PE IR
Brompheniramine Maleate/Phenylephrine HCl	Vazobid-PD
Tripolidine HCl/Phenylephrine HCl/Dextromethorphan HBr	Histex DM
Phenylephrine HCl/Diphenhydramine HCl	Dimetapp Cold-Congestion
Guaifenesin/Phenylephrine HCl/Acetaminophen	Sinus Relief Pressure and Pain
Brompheniramine Maleate/Phenylephrine HCl	Dimetapp Cold-Allergy (PE)
Dextromethorphan HBr/Phenylephrine HCl/Acetaminophen	Theraflu ExpressMax Cold Day
Guaifenesin/Dextromethorphan HBr/Pseudoephedrine HCl	Maxifed DM
Guaifenesin/Phenylephrine HCl	Mucus Relief Sinus
Chlorpheniramine Maleate/Dextromethorphan HBr	Cough and Cold (chlorphen-DM)
Tripolidine HCl/Pseudoephedrine HCl	Wal-Act D Cold and Allergy
Pseudoephedrine HCl/Codeine Phosphate/Guaifenesin	Zodryl DEC 35
Chlorpheniramine Maleate/Pseudoephedrine HCl/Codeine	Zodryl DAC 60
Chlorpheniramine Maleate/Pseudoephedrine HCl	SudoGest Cold and Allergy
Hydrocortisone Acetate/Pramoxine HCl	hydrocortisone-pramoxine
Fluticasone Propionate/Sodium Chloride/Sodium Bicarbonate	Ticaspray
Chlorpheniramine Maleate/Pseudoephedrine HCl/Codeine	Zodryl DAC 80
Guaifenesin/Dextromethorphan HBr	Children's Mucinex Cough
Epinephrine	EpiPen Jr
Triamcinolone Acetonide/Dimethicone/Silicone, Adhesive	DermaWerx SDS
Phenylephrine HCl/Acetaminophen/Doxylamine Succinate	Sinus Daytime-Nighttime
Guaifenesin/Dextromethorphan HBr/Phenylephrine	Maxiphen DM
Epinephrine	EPIsnap
Guaifenesin/Pseudoephedrine HCl	Congest-Eze

Appendix E. List of Generic and Brand Names of Medical Products Used to Define Baseline Characteristics in this Request

Generic Name	Brand Name
Phenylephrine HCl/Acetaminophen	Mapap Sinus Max Strength (PE)
Guaifenesin/Phenylephrine HCl/Acetaminophen	Tylenol Cold Head Congest Sevr
Phenylephrine HCl/Promethazine HCl	promethazine-phenylephrine
Cetirizine HCl/Pseudoephedrine HCl	Allergy Complete-D
Acetaminophen/Diphenhydramine Citrate	Goody's PM
Pyrilamine Maleate/Chlophedianol HCl	Vanacof-8
Doxylamine/Phenylephrine/Dextromethorphan/Acetaminophen/Gg	Severe Cold and Flu(Day/Night)
Guaifenesin/Dextromethorphan HBr	Biocotron
Dextromethorphan HBr/Acetaminophen/Doxylamine	Contac Cold-Flu Night
Dextromethorphan HBr/Phenylephrine HCl/Acetaminophen	Sudafed PE Pressure+Pain+Cough
Dextromethorphan HBr/Doxylamine Succinate	Tussin Nighttime Cough DM
Pyrilamine Maleate/Chlophedianol HCl	VanaTab AC
Ciclesonide	Zetonna
Hydrocortisone Acetate/Pramoxine HCl	Mezparox-HC
Codeine Phosphate/Guaifenesin	RelCof C
Fluticasone Propionate/Sodium Chloride/Sodium Bicarbonate	Ticanase
Pseudoephedrine HCl/Codeine Phosphate/Guaifenesin	Tusnel C
Chlorpheniramine/Phenyleph/Dextromethorphan/Acetaminophen/Guaifn	Tylenol Cold-Flu Severe Day-Nt
Dextromethorphan HBr/Phenylephrine/Acetaminophen/Doxylamine	Vicks DayQuil-NyQuil
Guaifenesin/Dextromethorphan HBr/Phenylephrine	Broncotron PED
Codeine Phosphate/Guaifenesin	Ninjacof-XG
Phenylephrine HCl/Acetaminophen	Vicks Sinex Daytime
Loratadine/Pseudoephedrine Sulfate	Lorata-D
Dextromethorphan/Phenylephrine/Acetaminophen/Chlorpheniramine	Multi-Symptom Cold (pe-cpm)
Brompheniramine Maleate/Pseudoephedrine HCl/Chlophedianol	Atuss DA
Phenylephrine HCl/Dextromethorphan HBr/Acetaminophen/Guaifen	Herbiomed Severe Cold-Flu M-S
Guaifenesin/Dextromethorphan HBr	Cough Syrup DM
Guaifenesin/Phenylephrine HCl	RelCof IR
Clobetasol Propionate/Skin Cleanser Combination No.28	Clodan Kit
Phenylephrine HCl/Dextromethorphan HBr/Acetaminophen/Guaifen	Mucus Relief Sev Congest-Cold
Guaifenesin/Dextromethorphan HBr/Phenylephrine	Altipres
Dextromethorphan/Pseudoephedrine HCl/Acetaminophen/Doxylamine	Nite Time-D Cold-Flu Relief
Brompheniramine Maleate/Phenylephrine HCl/Chlophedianol HCl	Trebrom
Guaifenesin/Dextromethorphan HBr/Phenylephrine	Fast Mucus Rlf Congest-Cough
Diphenhydramine HCl/Phenylephrine HCl/Dextromethorphan HBr	Child Cold-Cough Day-Night
Pheniramine Maleate/Phenylephrine HCl/Acetaminophen	Wal-Flu Night Time
Guaifenesin/Dextromethorphan HBr/Phenylephrine	Actidom DMX
Brompheniramine Maleate/Pseudoephedrine HCl/Dextromethorphan	Brotapp DM
Guaifenesin/Phenylephrine HCl/Acetaminophen	Cold and Sinus Multi-Symptom
Guaifenesin/Phenylephrine HCl	Liquibid PD-R
Dextromethorphan HBr/Phenylephrine HCl	Children's Sudafed PE Cough
Guaifenesin/Dextromethorphan HBr/Phenylephrine	Giltuss TR
Pseudoephedrine HCl/Acetaminophen	Nexafed Sinus Pressure-Pain
Dextromethorphan HBr/Phenylephrine HCl/Acetaminophen	HerbioMed Body Aches-Sinus M-S
Dextromethorphan HBr/Acetaminophen/Chlorpheniramine Maleate	Vicks NyQuil Cold/Flu (cpm)
Brompheniramine Maleate/Pseudoephedrine HCl/Codeine Phosphat	Mar-Cof BP

Appendix E. List of Generic and Brand Names of Medical Products Used to Define Baseline Characteristics in this Request

Generic Name	Brand Name
Hydrocortisone Acetate/Pramoxine HCl	Analpram-HC
Dexchlorpheniramine Maleate/Phenylephrine HCl/Codeine	Pro-Red AC (w/ dexchlorphenir)
Guaifenesin/Dextromethorphan HBr/Pseudoephedrine HCl	Pecgen PSE
Chlorpheniramine Maleate/Phenylephrine HCl/Dextromethorphan	Ed A-Hist DM
Fluocinolone Acetonide/Emollient Combination No.65	Synalar Ointment Kit
Guaifenesin/Phenylephrine HCl/Acetaminophen	Wal-Phed PE Triple Relief
Brompheniramine Maleate/Phenylephrine HCl	Ru-Hist D
Fluticasone Propionate	Xhance
Chlorpheniramine Maleate/Phenylephrine HCl	Suphedrine PE Sinus andAllergy
Guaifenesin/Ephedrine HCl	Primatene Asthma
Guaifenesin/Dextromethorphan HBr	Mucus and Cough Relief
Chlorpheniramine Maleate/Pseudoephedrine HCl/Codeine	Zodryl DAC 35
Brompheniramine Maleate/Pseudoephedrine HCl/Dextromethorphan	Bio-Dtuss DMX
Guaifenesin/Phenylephrine HCl/Acetaminophen	Sudafed PE Pressure+Pain+Mucus
Acetaminophen/Diphenhydramine HCl	Pain and Sleep
Guaifenesin/Dextromethorphan HBr	Neo-Tuss
Chlorpheniramine Maleate/Pseudoephedrine HCl	Wal-phed
Guaifenesin/Dextromethorphan HBr/Pseudoephedrine HCl	Robafen CF
Guaifenesin/Dextromethorphan HBr	Ultra DM Free and Clear
Phenylephrine HCl/Diphenhydramine HCl	Wal-Dryl-D Allergy and Sinus
Dextromethorphan HBr/Phenylephrine HCl/Acetaminophen	Alka-Seltzer Plus Day
Guaifenesin/Dextromethorphan HBr	Delsym Cough-Chest Congest DM
Acetaminophen/Pyrilamine Maleate/Caffeine	Midol Max St Menstrual
Chlorpheniramine Maleate/Phenylephrine HCl	Phenagil
Guaifenesin/Dextromethorphan HBr	Sorbugen NR
Dextromethorphan HBr/Phenylephrine HCl/Acetaminophen	Tylenol Cold Max Day
Hydrocortisone/Aloe Vera/Vitamin E Acetate/Vitamins A And D	Anti-Itch Plus
Pyrilamine Maleate/Dextromethorphan HBr	Capron DMT
Chlorpheniramine Maleate/Dextromethorphan HBr	Robitussin Long-Acting
Triamcinolone Acetonide/Emollient Combination No.86	Dermasorb TA Complete Kit
Guaifenesin/Dextromethorphan HBr	TRISPEC DMX
Phenylephrine HCl/Dextromethorphan HBr/Acetaminophen/Guaifen	Fast Mucus Relief Severe Cold
Diphenhydramine HCl/Phenylephrine HCl/Acetaminophen	Wal-Dryl Severe Allergy-Sinus
Pheniramine Maleate/Phenylephrine HCl/Acetaminophen	Theraflu Flu-Sore Throat
Guaifenesin/Dextromethorphan HBr/Phenylephrine	Desgen
Tripolidine HCl/Pseudoephedrine HCl	Ritifed
Brompheniramine Maleate/Pseudoephedrine HCl	Lodrane D
Diphenhydramine HCl/Phenylephrine HCl/Acetaminophen	Allergy and Cold PE
Dexbrompheniramine Maleate/Phenylephrine HCl	Ala-Hist PE
Guaifenesin/Dextromethorphan HBr/Phenylephrine	Biodesp DM
Pseudoephedrine HCl/Chlophedianol HCl/Guaifenesin	Certuss-D
Acetaminophen/Dexbrompheniramine Maleate	Actidogesic
Dexchlorpheniramine Maleate/Pseudoephedrine/Chlophedianol	Abanatuss PED
Dextromethorphan/Phenylephrine/Acetaminophen/Diphenhydramine	Wal-Flu Day-Night Cold-Cough
Phenylephrine HCl/Acetaminophen/Chlorpheniramine	Medicidin-D
Phenylephrine HCl/Pyrilamine Maleate	Glen PE

Appendix E. List of Generic and Brand Names of Medical Products Used to Define Baseline Characteristics in this Request

Generic Name	Brand Name
Dextromethorphan/Phenylephrine/Acetaminophen/Chlorpheniramin	Head Congestion Day-Night
Brompheniramine Maleate/Phenylephrine HCl	Children's Dibromm Cold-Allerg
Phenylephrine HCl/Dextromethorphan HBr/Acetaminophen/Guaifen	Dometuss G
Dexbromphen-Pseudoephedrine-Dextromethorphan	M-End DMX
Brompheniramine Maleate/Phenylephrine HCl/Dextromethorphan	EndaCof - DM
Brompheniramine Maleate/Phenylephrine HCl/Dextromethorphan	Presgen B
Brompheniramine Maleate/Pseudoephedrine HCl	Brotapp
Guaifenesin/Dextromethorphan HBr/Phenylephrine	Altipres Pediatric
Acetaminophen/Dexbrompheniramine Maleate	Dologesic (w-dexbromphenirmn)
Guaifenesin/Dextromethorphan HBr	Cough Formula DM
Hydrocortisone/Aloe Vera/Vitamin E Acetate/Vitamins A And D	Anti-Itch (HC) with Aloe-Vit E
Chlorpheniramine Maleate/Phenylephrine HCl/Chlophedianol HCl	Carbaphen CH
Pseudoephedrine HCl/Codeine Phosphate/Guaifenesin	Zodryl DEC 25
Guaifenesin/Dextromethorphan HBr/Phenylephrine	Tussi-Pres Pediatric
Hydrocodone Bitartrate/Homatropine Methylbromide	Hydromet
Hydrocodone Bitartrate/Homatropine Methylbromide	Hydrocodone Compound
Guaifenesin/Dextromethorphan HBr/Phenylephrine	Duravent DM
Diphenhydramine HCl/Phenylephrine HCl/Acetaminophen	Theraflu Night Severe Cold-Cgh
Dextromethorphan HBr/Doxylamine Succinate	SafeTussin PM
Chlorpheniramine Maleate/Pseudoephedrine HCl	Wal-Finate-D
Guaifenesin/Dextromethorphan HBr/Potassium Citrate	Sorbutuss
Triamcinolone Acetonide/Dimethicone	Ellzia Pak
Codeine Phosphate/Guaifenesin	M-Clear WC
Guaifenesin/Dextromethorphan HBr/Phenylephrine	G-Supress DX
Guaifenesin/Dextromethorphan HBr	Vicks Dayquil Mucus Control DM
Chlorpheniramine Maleate/Pseudoephedrine HCl/Codeine	Zodryl DAC 50
Dextromethorphan/Phenylephrine/Acetaminophen/Chlorpheniramin	Cold Relief M/S Day/Night
Guaifenesin/Dextromethorphan HBr/Phenylephrine	Pres Gen
Cromolyn Sodium	Nasalcrom
Brompheniramine Maleate/Pseudoephedrine HCl/Dextromethorphan	Bromfed DM
Chlorpheniramine Maleate/Phenylephrine HCl/Dextromethorphan	Gencontuss
Dextromethorphan/Phenylephrine/Acetaminophen/Chlorpheniramin	Children's Plus Flu
Phenylephrine HCl/Dextromethorphan HBr/Acetaminophen/Guaifen	Cold Severe Congestion
Guaifenesin/Dextromethorphan HBr	Allfen DM
Guaifenesin/Dextromethorphan HBr/Pseudoephedrine HCl	TRISPEC PSE
Guaifenesin/Dextromethorphan HBr	Alka-Seltzer Plus Mucus-Conges
Chlorpheniramine Maleate/Dextromethorphan HBr	Cough and Runny Nose
Guaifenesin/Dextromethorphan HBr	Cough-Chest Congestion DM
Chlorpheniramine Maleate/Phenylephrine HCl/Chlophedianol HCl	Phenagil CH
Tripolidine HCl/Pseudoephedrine HCl	Ed A-Hist PSE
Diphenhydramine HCl/Phenylephrine HCl/Acetaminophen	Flu and Severe Cold-Nighttime
Lidocaine HCl/Hydrocortisone Acetate	lidocaine HCl-hydrocortison ac
Doxylamine/Phenylephrine/Dextromethorphan/Acetaminophen/Gg	Day-Nite Severe Cold-Flu
Chlorpheniramine Maleate/Codeine Phosphate	Zodryl AC 80
Pyrilamine Maleate/Chlophedianol HCl/Acetaminophen	Ninjacof-A
Brompheniramine Maleate/Phenylephrine HCl/Dextromethorphan	Tussi Pres-B

Appendix E. List of Generic and Brand Names of Medical Products Used to Define Baseline Characteristics in this Request

Generic Name	Brand Name
Acetaminophen/Dextromethorphan HBr	Daytime Cold and Cough
Acetaminophen/Dextromethorphan HBr	Pain Relief Cold and Cough
Codeine Phosphate/Guaifenesin	G Tussin AC
Guaifenesin/Phenylephrine HCl/Acetaminophen	Sinus Relief Severe Congestion
Phenylephrine HCl/Dextromethorphan HBr/Acetaminophen/Guaifen	Sinus PE Pressure-Pain-Cold
Chlorpheniramine Maleate/Dextromethorphan HBr	Scot-Tussin DM
Guaifenesin/Phenylephrine HCl	Maxiphen
Guaifenesin/Dextromethorphan HBr/Pseudoephedrine HCl	Desgen DM (pseudoephedrine)
Guaifenesin/Hydrocodone Bitartrate	Flowtuss
Acetaminophen/Dexbrompheniramine Maleate	G-Dolgen
Chlorpheniramine Maleate/Phenylephrine HCl/Dextromethorphan	Donatussin
Doxylamine/Phenylephrine/Dextromethorphan/Acetaminophen/Gg	Vicks DayQuil-NyQuil Severe
Guaifenesin/Pseudoephedrine HCl	pseudoephedrine-guaifenesin
Chlorpheniramine Maleate/Codeine Phosphate	Zodryl AC 25
Guaifenesin/Dextromethorphan HBr/Phenylephrine	Brontuss SF
Pseudoephedrine HCl/Acetaminophen/Chlorpheniramine	Allergy Sinus-D
Chlorpheniramine Maleate/Phenylephrine HCl	ExaPhen
Codeine Phosphate/Guaifenesin	Guaifenesin AC
Phenylephrine HCl/Diphenhydramine HCl	Cold and Cough (diphenhydr-pe)
Cetirizine HCl/Pseudoephedrine HCl	Allergy-Congest Relief-D (cet)
Diphenhydramine HCl/Phenylephrine HCl/Acetaminophen	Cough and Severe Cold
Chlorpheniramine Maleate/Pseudoephedrine HCl/Codeine	Zodryl DAC 30
Fluocinolone Acetonide/Emollient Combination No.65	Synalar Cream Kit
Chlorpheniramine Maleate/Phenylephrine HCl/Dextromethorphan	NeoTuss Plus
Hydrocortisone Acetate/Pramoxine HCl	Novacort
Phenylephrine HCl/Acetaminophen/Chlorpheniramine	Contac Cold-Flu Max Strength
Guaifenesin/Dextromethorphan HBr/Phenylephrine	Bio T Pres
Chlorpheniramine Maleate/Pseudoephedrine HCl/Codeine	Zodryl DAC 25
Brompheniramine Maleate/Phenylephrine HCl/Dextromethorphan	Niva-Hist DM
Dextromethorphan HBr/Phenylephrine HCl/Acetaminophen	Wal-Flu Severe Cold-Cough
Pseudoephedrine HCl/Chlophedianol HCl	Rondec-D
Chlorpheniramine Maleate/Phenylephrine HCl/Codeine Phosphate	CapCof
Chlorpheniramine Maleate/Phenylephrine HCl	Child Dometuss-DA
Phenylephrine HCl/Acetaminophen/Chlorpheniramine	Allergy Relief Multi-Symptom
Acetaminophen/Diphenhydramine HCl	Percogesic Extra Strength
Guaifenesin/Dextromethorphan HBr/Phenylephrine	Despec EDA Cough-Cold Drops
Dexchlorpheniramine Maleate/Pseudoephedrine/Chlophedianol	Vanacof
Loratadine/Pseudoephedrine Sulfate	lorata-dine D
Chlorpheniram/Phenyleph/Dextromethorphan/Acetaminophen/Guaifn	Cold-Flu M-Symptom Day-Night
Chlorpheniramine Maleate/Codeine Phosphate	Zodryl AC 60
Brompheniramine Maleate/Phenylephrine HCl	BroveX PEB
Doxylamine Succinate/Phenylephrine/Dextromethorphan HBr/Asa	Alka-Seltzer Plus Day-Night
Doxylamine Succinate/Phenylephrine HCl	Poly Hist Forte (doxylamine)
Guaifenesin/Dextromethorphan HBr/Phenylephrine	Tusslin
Guaifenesin/Dextromethorphan HBr/Phenylephrine	Vanacof DM
Diphenhydramine HCl/Phenylephrine HCl/Acetaminophen	Delsym Cough-Cold NightTime

Appendix E. List of Generic and Brand Names of Medical Products Used to Define Baseline Characteristics in this Request

Generic Name	Brand Name
Brompheniramine Maleate/Phenylephrine HCl/Dextromethorphan	AP-Hist DM
Chlorpheniramine Maleate/Pseudoephedrine HCl/Ibuprofen	Advil Allergy Sinus
Dextromethorphan HBr/Acetaminophen/Diphenhydramine HCl	Diabetic Tussin Night Time
Cetirizine HCl/Pseudoephedrine HCl	Cetiri-D
Doxylamine Succ/Pseudoephedrine HCl/Dextromethorphan HBr	Glentuss
Pseudoephedrine HCl/Acrivastine	Semprex-D
Halobetasol Propionate/Lactic Acid	Ultravate X
Dexbrompheniramine Maleate/Chlophedianol HCl	Chlo Hist
Guaifenesin/Phenylephrine HCl/Acetaminophen	Flu Relief Therapy Cold-Chest
Guaifenesin/Dextromethorphan HBr/Phenylephrine	Aquanaz
Chlorpheniramine Maleate/Phenylephrine HCl	Ed Chlorped D
Guaifenesin/Dextromethorphan HBr/Phenylephrine	Child Mucinex Congestion-Cough
Guaifenesin/Dextromethorphan HBr/Phenylephrine	Biocotron-D
Brompheniramine Maleate/Phenylephrine HCl	Wal-Tap
Chlorpheniramine Maleate/Pseudoephedrine/Dextromethorphan	Pediatric Cough and Cold
Guaifenesin/Dextromethorphan HBr	G-Tron
Epinephrine	Adyphren II
Phenylephrine HCl/Acetaminophen/Doxylamine Succinate	Vicks DayQuil-NyQuil Sinex
Pseudoephedrine HCl/Chlorpheniramine Maleate/Bellad Alk	Respa-AR
Fluocinolone Acetonide/Skin Cleanser Comb No.28	Synalar TS
Naproxen Sodium/Pseudoephedrine HCl	Aleve-D Sinus and Headache
Guaifenesin/Dextromethorphan HBr/Pseudoephedrine HCl	Actinel
Epinephrine	EpinephrineSnap-V
Guaifenesin/Ephedrine HCl	Bronchial Asthma Relief
Guaifenesin/Dextromethorphan HBr/Phenylephrine	Adult Tussin Multi-Symp Cold
Chlorpheniramine Maleate/Dextromethorphan HBr	Cough-Cold Relief HBP
Guaifenesin/Dextromethorphan HBr/Phenylephrine	Giltuss Cough-Cold
Guaifenesin/Dextromethorphan HBr/Phenylephrine	Despec DM-G
Doxylamine Succinate/Phenylephrine/Dextromethorphan HBr/Asa	Alka-Seltzer Plus Night (asa)
Dextromethorphan/Phenylephrine/Acetaminophen/Chlorpheniramin	Child Triaminic MS Fever-Cold
Triamcinolone Acetonide/Dimethicone/Silicone, Adhesive	Sure Result Tac Pak
Acetaminophen/Diphenhydramine HCl	Mapap PM
Thonzylamine HCl/Phenylephrine HCl/Dextromethorphan HBr	Poly-Hist DM (thonzylamine)
Phenylephrine HCl/Dextromethorphan HBr/Acetaminophen/Guaifen	Children's Mucinex Cold-Fever
Brompheniramine Maleate/Phenylephrine HCl/Dextromethorphan	Cold and Cough Elixir
Acetaminophen/Dexbrompheniramine Maleate	Dologen
Guaifenesin/Dextromethorphan HBr	Cough Suppressant-Expectorant
Guaifenesin/Dextromethorphan HBr/Phenylephrine	Despec-DM (phenyleph-DM-guaif)
Guaifenesin/Dextromethorphan HBr/Phenylephrine	Nivanex DMX
Guaifenesin/Dextromethorphan HBr	Geri-Tussin DM
Guaifenesin/Phenylephrine HCl/Acetaminophen	Severe Congestion Relief
Triamcinolone Acetonide/Dimethicone/Silicone, Adhesive	SanaDermRx
Chlorpheniramine Maleate/Phenylephrine HCl	Centergy
Dextromethorphan HBr/Phenylephrine HCl	Children's Cold-Cough Daytime
Phenylephrine HCl/Pyrilamine Maleate	Vazotab (pyrilamine)
Dextromethorphan HBr/Phenylephrine/Acetaminophen/Doxylamine	Cold-Flu Relief, Day/Night

Appendix E. List of Generic and Brand Names of Medical Products Used to Define Baseline Characteristics in this Request

Generic Name	Brand Name
Brompheniramine Maleate/Phenylephrine HCl/Codeine Phosphate	M-END PE
Hydrocortisone/Colloidal Oatmeal/Aloe/Vitamin E	Aveeno Anti-Itch (hydrocortsn)
Diphenhydramine HCl/Phenylephrine HCl/Acetaminophen	Wal-Flu Night Severe Cold
Epinephrine	Adyphren Amp
Phenylephrine HCl/Acetaminophen/Chlorpheniramine	Norel AD
Guaifenesin/Dextromethorphan HBr/Pseudoephedrine HCl	Poly-Vent DM
Dextromethorphan HBr/Phenylephrine/Acetaminophen/Doxylamine	Vicks DayQuil-NyQuil Cold-Flu
Guaifenesin/Dextromethorphan HBr	Scot-Tussin Senior
Guaifenesin/Dextromethorphan HBr	Guaicon DMS
Doxylamine/Phenylephrine/Dextromethorphan/Acetaminophen/Gg	Day-Cold Night-Cold-Flu(doxyl)
Brompheniramine Maleate/Phenylephrine HCl/Dextromethorphan	LoHist-DM
Guaifenesin/Dextromethorphan HBr/Pseudoephedrine HCl	Bionel Pediatric
Phenylephrine HCl/Dextromethorphan HBr/Acetaminophen/Guaifen	Child Multi-Symptom Cold-Fever
Hydrocodone Bitartrate/Chlorpheniramine Maleate	Vituz
Dextromethorphan HBr/Phenylephrine/Acetaminophen/Doxylamine	Alka-Seltzer Plus D-N (acetam)
Chlorpheniramine Mal/Phenylephrine/D-Methorphan Hb/Aspirin	Alka-Seltzer Plus C/C(PE,DM)
Dexchlorpheniramine Maleate/Pseudoephedrine HCl	Rescon
Phenylephrine HCl/Dextromethorphan HBr/Acetaminophen/Guaifen	Pressure-Pain PE Plus Cold
Chlorpheniramine Maleate/Codeine Phosphate	Zodryl AC 50
Dextromethorphan HBr/Phenylephrine/Acetaminophen/Doxylamine	Severe Sinus Congest Alrgy-Cgh
Phenylephrine HCl/Acetaminophen/Chlorpheniramine	Contac Cold-Flu Day and Night
Dextromethorphan HBr/Acetaminophen/Chlorpheniramine Maleate	Children's Cough and RunnyNose
Dextromethorphan HBr/Phenylephrine HCl/Dexbrompheniramine	Supress A
Codeine Phosphate/Guaifenesin	Coditussin AC
Guaifenesin/Dextromethorphan HBr/Phenylephrine	Biobron SF
Dextromethorphan HBr/Phenylephrine HCl/Dexbrompheniramine	Alahist DM
Dextromethorphan/Phenylephrine/Acetaminophen/Diphenhydramine	HerbioMed Deep Cold-Flu Night
Pseudoephedrine HCl/Codeine Phosphate/Guaifenesin	Coditussin DAC
Hydrocodone Bitartrate/Pseudoephedrine HCl/Guaifenesin	Hycofenix
Phenylephrine HCl/Acetaminophen/Chlorpheniramine	Childrens Plus Cold
Phenylephrine HCl/Tripolidine HCl	Histex PE
Chlorpheniramine Maleate/Codeine Phosphate	Zodryl AC 40
Pseudoephedrine HCl/Codeine Phosphate/Guaifenesin	Zodryl DEC 30
Epinephrine	Adyphren
Guaifenesin/Dextromethorphan HBr	Diabetic Siltussin-DM
Chlorpheniramine Maleate/Pseudoephedrine/Dextromethorphan	Kidkare Cough/Cold
Chlorpheniramine Maleate/Codeine Phosphate	Zodryl AC 30
Guaifenesin/Pseudoephedrine HCl	Respaire-30
Guaifenesin/Dextromethorphan HBr/Phenylephrine	NeoTuss-D (Improved Formula)
Triamcinolone Acetonide/Dimethicone/Silicone, Adhesive	Whytederm Trilasil Pak
Hydrocortisone/Aloe Vera	Hydroskin with Aloe
Guaifenesin/Dextromethorphan HBr	Diabetic Siltussin-DM Max Str
Guaifenesin/Dextromethorphan HBr/Phenylephrine	Supress DX
Dexbrompheniramine Maleate/Pseudoephedrine HCl/Chlophedianol	Chlo Tuss
Brompheniramine Maleate/Phenylephrine HCl/Dextromethorphan	BroveX PEB DM
Dextromethorphan/Pseudoephedrine/Acetaminophen/Chlorpheniram	Flu Severe Cold-Congestion

Appendix E. List of Generic and Brand Names of Medical Products Used to Define Baseline Characteristics in this Request

Generic Name	Brand Name
Chlorpheniramine Maleate/Codeine Phosphate	Zodryl AC 35
Phenylephrine HCl/Dextromethorphan HBr/Acetaminophen/Guaifen	Sudafed PE Pressure+Pain+Cold
Guaifenesin/Phenylephrine HCl	ED Bron GP
Guaifenesin/Dextromethorphan HBr/Phenylephrine	Relhist DMX
Codeine Phosphate/Guaifenesin	Mar-Cof CG
Epinephrine	Adyphren Amp II
Dexchlorpheniramine Maleate/Phenylephrine/Dextromethorphan	Polytussin DM
Azelastine HCl/Fluticasone Propionate	Dymista
Azelastine/Fluticasone/Sodium Chloride/Sodium Bicarbonate	Ticalast
NSAIDs	
Hydrocodone/Ibuprofen	Reprexain
Diclofenac Sodium	Voltaren
Ibuprofen	ibuprofen
Naproxen Sodium	naproxen sodium
Diclofenac Potassium	diclofenac potassium
Oxaprozin	oxaprozin
Meloxicam	meloxicam
Naproxen	naproxen
Etodolac	etodolac
Ibuprofen/Pseudoephedrine HCl	Ibuprofen Cold-Sinus(with PSE)
Celecoxib	Celebrex
Nabumetone	nabumetone
Ibuprofen	Ibuprofen Jr Strength
Indomethacin	indomethacin
Diclofenac Epolamine	Flector
Diclofenac Sodium	diclofenac sodium
Sulindac	sulindac
Ketorolac Tromethamine	ketorolac
Hydrocodone/Ibuprofen	hydrocodone-ibuprofen
Piroxicam	piroxicam
Etodolac	etodolac (bulk)
Hydrocodone/Ibuprofen	Vicoprofen
Naproxen Sodium	Naprelan CR
Ibuprofen	Ibuprofen IB
Ibuprofen/Diphenhydramine HCl	Advil PM Liqui-Gels
Diclofenac Sodium	diclofenac sodium (bulk)
Meloxicam	meloxicam (bulk)
Ibuprofen	ibuprofen (bulk)
Piroxicam	piroxicam (bulk)
Ketoprofen, Micronized	ketoprofen, micronized (bulk)
Mefenamic Acid	mefenamic acid (bulk)
Ibuprofen	Infant's Motrin
Diclofenac Sodium/Misoprostol	diclofenac-misoprostol
Ibuprofen/Oxycodone HCl	ibuprofen-oxycodone
Indomethacin Sodium	indomethacin sodium
Bromfenac Sodium	bromfenac

Appendix E. List of Generic and Brand Names of Medical Products Used to Define Baseline Characteristics in this Request

Generic Name	Brand Name
Flurbiprofen	Ansaid
Naproxen Sodium	All Day Pain Relief
Diclofenac Potassium	Cambia
Diclofenac Potassium	Cataflam
Diclofenac Sodium	Pennsaid
Oxaprozin	Daypro
Ibuprofen	Children's Medi-Profen
Ibuprofen	Medi-Profen
Ketorolac Tromethamine	Acular
Tolmetin Sodium	tolmetin
Sumatriptan Succinate/Naproxen Sodium	Treximet
Fenoprofen Calcium	fenoprofen
Ketoprofen	ketoprofen
Ibuprofen/Diphenhydramine Citrate	Ibuprofen PM
Ibuprofen	Infant's Medi-Profen
Meloxicam	Mobic
Bromfenac Sodium	Prolensa
Ibuprofen	Children's Motrin
Ibuprofen	Children's Ibuprofen
Ibuprofen	Children's Advil
Naproxen	Naprosyn
Ibuprofen	Infant's Ibuprofen
Ketorolac Tromethamine	ketorolac (bulk)
Celecoxib	celecoxib
Ibuprofen/Phenylephrine HCl	Advil Congestion Relief
Naproxen Sodium	All Day Relief
Diclofenac Sodium/Capsicum Oleoresin	DermaSilkRx DicloPak
Naproxen Sodium/Menthol	NaproPak Cool
Naproxen/Capsaicin/Menthol	NaproPax
Ibuprofen/Diphenhydramine Citrate	Advil PM
Naproxen Sodium/Pseudoephedrine HCl	Sinus and Cold-D
Naproxen Sodium	Anaprox
Naproxen Sodium/Pseudoephedrine HCl	Aleve Sinus and Headache
Mefenamic Acid	mefenamic acid
Naproxen/Capsaicin/Menthol	NaproxenPax
Ibuprofen/Diphenhydramine HCl	ibuprofen-diphenhydramine HCl
Ibuprofen/Pseudoephedrine HCl	Ibuprofen Cold
Piroxicam	Feldene
Ibuprofen/Phenylephrine HCl	Congestion Relief (ibuprof-PE)
Naproxen/Capsaicin/Menthol/Methyl Salicylate	Pain Relief Collection
Celecoxib	celecoxib (bulk)
Flurbiprofen	flurbiprofen
Diclofenac Sodium/Capsicum Oleoresin	PrevidolRx Plus Analgesic Pak
Flurbiprofen Sodium	Ocufen
Flurbiprofen Sodium	flurbiprofen sodium
Ibuprofen	Children's Ibu-Drops

Appendix E. List of Generic and Brand Names of Medical Products Used to Define Baseline Characteristics in this Request

Generic Name	Brand Name
Diclofenac Sodium	Klofensaid II
Naproxen Sodium	Anaprox DS
Naproxen	EC-Naprosyn
Naproxen Sodium/Pseudoephedrine HCl	Aleve-D Sinus and Cold
Ibuprofen/Diphenhydramine Citrate	ibuprofen-diphenhydramine cit
Diclofenac Sodium	Dyloject
Ibuprofen	Motrin IB
Fenoprofen Calcium	Fenortho
Mefenamic Acid	Ponstel
Diclofenac Sodium, Micronized	diclofenac sod, micro (bulk)
Naproxen Sodium	Aleve
Ibuprofen/Pseudoephedrine HCl	Cold-Sinus Relief
Ibuprofen	Advil
Ketorolac Tromethamine	ReadySharp ketorolac
Ibuprofen	Wal-Profen
Naproxen/Esomeprazole Magnesium	Vimovo
Diclofenac Sodium/Misoprostol	Arthrotec 50
Ibuprofen	Children's Profen IB
Ibuprofen/Diphenhydramine Citrate	Motrin PM
Ibuprofen	Advil Liqui-Gel
Celecoxib/Capsaicin/Menthol	CapXib
Ibuprofen	I-Prin
Naproxen	Naproderm
Naproxen/Irritant Counter-Irritant Combination No.2	Comfort Pac-Naproxen
Naproxen Sodium	Wal-Proxen
Ibuprofen/Pseudoephedrine HCl	Wal-Profen Cold-Sinus
Diclofenac Sodium/Misoprostol	Arthrotec 75
Ibuprofen	Caldolor
Naproxen Sodium/Diphenhydramine HCl	Aleve PM
Ibuprofen	Infant's Advil
Diclofenac Sodium/Kinesiology Tape	Diclo Gel-Xrylix Sheet
Diclofenac Sodium	Diclo Gel
Naproxen Sodium/Pseudoephedrine HCl	Aleve Cold and Sinus
Hydrocodone/Ibuprofen	Ibudone
Celecoxib/Lidocaine/Menthol	LidoXib
Nepafenac	Ilevro
Ibuprofen/Pseudoephedrine HCl	Advil Cold and Sinus
Diclofenac Sodium/Capsicum Oleoresin	Sure Result DSS Premium Pack
Ketorolac Tromethamine/Pf	Acuvail (PF)
Diclofenac Potassium	Zipsor
Nabumetone	nabumetone (bulk)
Naproxen Sodium	Mediproxen
Ibuprofen/Pseudoephedrine HCl	Cold and Sinus Pain Relief
Ibuprofen	Infants Ibu-Drops
Naproxen Sodium/Pseudoephedrine HCl	All Day Pain Relief Sinus,Cold
Chlorpheniramine Maleate/Pseudoephedrine HCl/Ibuprofen	Advil Allergy Sinus

Appendix E. List of Generic and Brand Names of Medical Products Used to Define Baseline Characteristics in this Request

Generic Name	Brand Name
Diclofenac Submicronized	Zorvolex
Naproxen Sodium/Pseudoephedrine HCl	Aleve-D Sinus and Headache
Indomethacin, Submicronized	Tivorbex
Indomethacin	Indocin
Diclofenac Sodium	Diclozor
Diclofenac Sodium/Benzalkonium Chloride	DS Prep Pak
Phenylbutazone	phenylbutazone (bulk)
Ibuprofen Lysine/Pf	ibuprofen lysine (PF)
Diclofenac Sodium/Capsaicin	NuDiclo TabPAK
Nepafenac	Nevanac
Fenoprofen Calcium	Nalfon
Diclofenac Sodium/Capsicum Oleoresin	DermacinRx Lexitral
Bromfenac Sodium	BromSite
Diclofenac Sodium/Capsicum Oleoresin	Xenaflamm
Diclofenac Sodium/Methyl Salicylate/Menthol/Camphor	Inflamma-K
Ibuprofen	Advil Migraine
Diclofenac Sodium	Voltaren-XR
Chlorpheniramine Maleate/Phenylephrine HCl/Ibuprofen	Advil Allergy-Congestion Rlf
Diclofenac Sodium/Capsicum Oleoresin	Inflammacin
Ibuprofen	Infants ProfenIB
Nabumetone, Micronized	nabumetone, micronized (bulk)
Naproxen	Napro
Phenylephrine HCl/Ketorolac Tromethamine	Omidria
Meclofenamate Sodium	meclofenamate
Diclofenac Sodium/Methyl Salicylate/Menthol	DicloPR
Hydrocodone/Ibuprofen	Xylon 10
Ibuprofen	Ibu-Drops
Gatifloxacin/Prednisolone Acetate/Nepafenac	gatifloxacin-prednisol-nepafen
Ketorolac Tromethamine	Sprix
Diclofenac Sodium/Capsicum Oleoresin	Diclotral
Diclofenac Sodium/Capsicum Oleoresin	Xelitral
Naproxen Sodium	Flanax (naproxen)
Bromfenac Sodium	bromfenac sodium (bulk)
Diclofenac Sodium/Kinesiology Tape	Lexixryl
Meloxicam, Submicronized	Vivlodex
Meloxicam/Irritants Counter-Irritants Combination No.2	Comfort Pac-Meloxicam
Ibuprofen/Pseudoephedrine HCl	Wal-Profen D Cold and Sinus
Ibuprofen	Provil
Ketorolac/Norflurane And Pentafluoropropane (Hfc 245Fa)	Toronova II SUIK
Diclofenac Sodium	Solaraze
Ibuprofen/Famotidine	Duexis
Prednisolone Acetate/Nepafenac	prednisolone acetate-nepafenac
Naproxen Sodium	Midol (naproxen)
Ibuprofen	Child Ibuprofen
Diclofenac Sodium	Vopac MDS
Ibuprofen Lysine/Pf	NeoProfen (ibuprofen lysn)(PF)

Appendix E. List of Generic and Brand Names of Medical Products Used to Define Baseline Characteristics in this Request

Generic Name	Brand Name
Etodolac	Lodine
Diclofenac Sodium/Capsaicin	NuDiclo SoluPAK
Fenoprofen Calcium, Dihydrate	fenoprofen calcium dihyd(bulk)
Diclofenac Sodium/Kinesiology Tape	Xrylix
Ropivacaine HCl/Epinephrine/Clonidine HCl/Ketorolac Trometh	ropivacaine-epi-clonid-ketorol
Ketorolac Tromethamine	Acular LS
Ketorolac/Norflurane And Pentafluoropropane (Hfc 245Fa)	Toronova SUIK
Ketoprofen, Micronized	Frotek
Ibuprofen/Irritants Counter-Irritants Combination No.2	Comfort Pac-Ibuprofen
Fenoprofen Calcium	ProFeno
Sirolimus	
Sirolimus	Rapamune
Sirolimus	sirolimus (bulk)
Sirolimus	sirolimus
Everolimus	
Everolimus	Afinitor Disperz
Everolimus	Zortress
Everolimus	Afinitor

Appendix F. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes Used to Define Baseline Characteristics in this Request

Code	Full Description	Code Type
Serious Allergy		
V72.7	Diagnostic skin and sensitization tests	ICD-9-CM
V15.09	Personal history of other allergy, other than to medicinal agents	ICD-9-CM
V14.9	Personal history of allergy to unspecified medicinal agent	ICD-9-CM
V14.8	Personal history of allergy to other specified medicinal agents	ICD-9-CM
V14.7	Personal history of allergy to serum or vaccine	ICD-9-CM
V14.6	Personal history of allergy to analgesic agent	ICD-9-CM
V14.5	Personal history of allergy to narcotic agent	ICD-9-CM
V14.4	Personal history of allergy to anesthetic agent	ICD-9-CM
V14.3	Personal history of allergy to other anti-infective agent	ICD-9-CM
V14.2	Personal history of allergy to sulfonamides	ICD-9-CM
V14.1	Personal history of allergy to other antibiotic agent	ICD-9-CM
V14.0	Personal history of allergy to penicillin	ICD-9-CM
V13.81	Personal history of anaphylaxis	ICD-9-CM
V07.1	Need for desensitization to allergens	ICD-9-CM
995.7	Other adverse food reactions, not elsewhere classified	ICD-9-CM
995.3	Allergy, unspecified not elsewhere classified	ICD-9-CM
995.27	Other drug allergy	ICD-9-CM
995.0	Other anaphylactic reaction	ICD-9-CM
708.9	Unspecified urticaria	ICD-9-CM
708.8	Other specified urticaria	ICD-9-CM
708.5	Cholinergic urticaria	ICD-9-CM
708.4	Vibratory urticaria	ICD-9-CM
708.3	Dermatographic urticaria	ICD-9-CM
708.2	Urticaria due to cold and heat	ICD-9-CM
708.1	Idiopathic urticaria	ICD-9-CM
708.0	Allergic urticaria	ICD-9-CM
693.9	Dermatitis due to unspecified substance taken internally	ICD-9-CM
693.8	Dermatitis due to other specified substances taken internally	ICD-9-CM
693.1	Dermatitis due to food taken internally	ICD-9-CM
693.0	Dermatitis due to drugs and medicines taken internally	ICD-9-CM
692.9	Contact dermatitis and other eczema, due to unspecified cause	ICD-9-CM
692.89	Contact dermatitis and other eczema due to other specified agent	ICD-9-CM
692.84	Contact dermatitis and other eczema due to animal (cat) (dog) dander	ICD-9-CM
692.83	Dermatitis due to metals	ICD-9-CM
692.82	Dermatitis due to other radiation	ICD-9-CM
692.81	Dermatitis due to cosmetics	ICD-9-CM
692.79	Other dermatitis due to solar radiation	ICD-9-CM
692.77	Sunburn of third degree	ICD-9-CM
692.76	Sunburn of second degree	ICD-9-CM
692.75	Disseminated superficial actinic porokeratosis (DSAP)	ICD-9-CM
692.74	Other chronic dermatitis due to solar radiation	ICD-9-CM
692.73	Actinic reticuloid and actinic granuloma	ICD-9-CM
692.72	Acute dermatitis due to solar radiation	ICD-9-CM

Appendix F. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes Used to Define Baseline Characteristics in this Request

Code	Full Description	Code Type
692.71	Contact dermatitis and other eczema due to sunburn	ICD-9-CM
692.70	Unspecified dermatitis due to sun	ICD-9-CM
692.6	Contact dermatitis and other eczema due to plants (except food)	ICD-9-CM
692.5	Contact dermatitis and other eczema due to food in contact with skin	ICD-9-CM
692.4	Contact dermatitis and other eczema due to other chemical products	ICD-9-CM
692.3	Contact dermatitis and other eczema due to drugs and medicines in contact with skin	ICD-9-CM
692.2	Contact dermatitis and other eczema due to solvents	ICD-9-CM
692.1	Contact dermatitis and other eczema due to oils and greases	ICD-9-CM
692.0	Contact dermatitis and other eczema due to detergents	ICD-9-CM
691.8	Other atopic dermatitis and related conditions	ICD-9-CM
691.0	Diaper or napkin rash	ICD-9-CM
558.3	Gastroenteritis and colitis, allergic	ICD-9-CM
478.8	Upper respiratory tract hypersensitivity reaction, site unspecified	ICD-9-CM
477.9	Allergic rhinitis, cause unspecified	ICD-9-CM
477.8	Allergic rhinitis due to other allergen	ICD-9-CM
477.2	Allergic rhinitis due to animal (cat) (dog) hair and dander	ICD-9-CM
477.1	Allergic rhinitis, due to food	ICD-9-CM
477.0	Allergic rhinitis due to pollen	ICD-9-CM
472.0	Chronic rhinitis	ICD-9-CM
L57.5	Actinic granuloma	ICD-10-CM
L57.1	Actinic reticuloid	ICD-10-CM
T50.995A	Adverse effect of other drugs, medicaments and biological substances, initial encounter	ICD-10-CM
L23.81	Allergic contact dermatitis due to animal (cat) (dog) dander	ICD-10-CM
L23.0	Allergic contact dermatitis due to metals	ICD-10-CM
J30.81	Allergic rhinitis due to animal (cat) (dog) hair and dander	ICD-10-CM
J30.5	Allergic rhinitis due to food	ICD-10-CM
J30.1	Allergic rhinitis due to pollen	ICD-10-CM
J30.9	Allergic rhinitis, unspecified	ICD-10-CM
L50.0	Allergic urticaria	ICD-10-CM
Z88.6	Allergy status to analgesic agent status	ICD-10-CM
Z88.4	Allergy status to anesthetic agent status	ICD-10-CM
Z88.5	Allergy status to narcotic agent status	ICD-10-CM
Z88.3	Allergy status to other anti-infective agents status	ICD-10-CM
Z88.1	Allergy status to other antibiotic agents status	ICD-10-CM
Z88.8	Allergy status to other drugs, medicaments and biological substances status	ICD-10-CM
Z88.0	Allergy status to penicillin	ICD-10-CM
Z88.7	Allergy status to serum and vaccine status	ICD-10-CM
Z88.2	Allergy status to sulfonamides status	ICD-10-CM
Z88.9	Allergy status to unspecified drugs, medicaments and biological substances status	ICD-10-CM
T78.40XA	Allergy, unspecified, initial encounter	ICD-10-CM
T78.2XXA	Anaphylactic shock, unspecified, initial encounter	ICD-10-CM
L20.81	Atopic neurodermatitis	ICD-10-CM
L20.0	Besnier's prurigo	ICD-10-CM
L50.5	Cholinergic urticaria	ICD-10-CM

Appendix F. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes Used to Define Baseline Characteristics in this Request

Code	Full Description	Code Type
J31.0	Chronic rhinitis	ICD-10-CM
L50.6	Contact urticaria	ICD-10-CM
L27.2	Dermatitis due to ingested food	ICD-10-CM
L27.8	Dermatitis due to other substances taken internally	ICD-10-CM
L27.9	Dermatitis due to unspecified substance taken internally	ICD-10-CM
L50.3	Dermatographic urticaria	ICD-10-CM
L22	Diaper dermatitis	ICD-10-CM
L56.5	Disseminated superficial actinic porokeratosis (DSAP)	ICD-10-CM
L56.1	Drug photoallergic response	ICD-10-CM
L56.0	Drug phototoxic response	ICD-10-CM
Z51.6	Encounter for desensitization to allergens	ICD-10-CM
Z01.89	Encounter for other specified special examinations	ICD-10-CM
L20.82	Flexural eczema	ICD-10-CM
K52.21	Food protein-induced enterocolitis syndrome	ICD-10-CM
K52.22	Food protein-induced enteropathy	ICD-10-CM
L27.0	Generalized skin eruption due to drugs and medicaments taken internally	ICD-10-CM
L50.1	Idiopathic urticaria	ICD-10-CM
L20.84	Intrinsic (allergic) eczema	ICD-10-CM
L24.0	Irritant contact dermatitis due to detergents	ICD-10-CM
L24.81	Irritant contact dermatitis due to metals	ICD-10-CM
L24.1	Irritant contact dermatitis due to oils and greases	ICD-10-CM
L24.2	Irritant contact dermatitis due to solvents	ICD-10-CM
L27.1	Localized skin eruption due to drugs and medicaments taken internally	ICD-10-CM
T78.1XXA	Other adverse food reactions, not elsewhere classified, initial encounter	ICD-10-CM
K52.29	Other allergic and dietetic gastroenteritis and colitis	ICD-10-CM
J30.89	Other allergic rhinitis	ICD-10-CM
L20.89	Other atopic dermatitis	ICD-10-CM
Z91.048	Other nonmedicinal substance allergy status	ICD-10-CM
J30.2	Other seasonal allergic rhinitis	ICD-10-CM
L57.8	Other skin changes due to chronic exposure to nonionizing radiation	ICD-10-CM
L56.8	Other specified acute skin changes due to ultraviolet radiation	ICD-10-CM
L50.8	Other urticaria	ICD-10-CM
Z87.892	Personal history of anaphylaxis	ICD-10-CM
L56.2	Photocontact dermatitis [berloque dermatitis]	ICD-10-CM
L58.9	Radiodermatitis, unspecified	ICD-10-CM
L57.9	Skin changes due to chronic exposure to nonionizing radiation, unspecified	ICD-10-CM
L55.0	Sunburn of first degree	ICD-10-CM
L55.1	Sunburn of second degree	ICD-10-CM
L55.2	Sunburn of third degree	ICD-10-CM
L55.9	Sunburn, unspecified	ICD-10-CM
L25.0	Unspecified contact dermatitis due to cosmetics	ICD-10-CM
L25.1	Unspecified contact dermatitis due to drugs in contact with skin	ICD-10-CM
L25.2	Unspecified contact dermatitis due to dyes	ICD-10-CM
L25.4	Unspecified contact dermatitis due to food in contact with skin	ICD-10-CM

Appendix F. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes Used to Define Baseline Characteristics in this Request

Code	Full Description	Code Type
L25.8	Unspecified contact dermatitis due to other agents	ICD-10-CM
L25.3	Unspecified contact dermatitis due to other chemical products	ICD-10-CM
L25.5	Unspecified contact dermatitis due to plants, except food	ICD-10-CM
L25.9	Unspecified contact dermatitis, unspecified cause	ICD-10-CM
J39.3	Upper respiratory tract hypersensitivity reaction, site unspecified	ICD-10-CM
L50.2	Urticaria due to cold and heat	ICD-10-CM
L50.9	Urticaria, unspecified	ICD-10-CM
J30.0	Vasomotor rhinitis	ICD-10-CM
L50.4	Vibratory urticaria	ICD-10-CM
Ambulatory Allergy		
V72.7	Diagnostic skin and sensitization tests	ICD-9-CM
V15.09	Personal history of other allergy, other than to medicinal agents	ICD-9-CM
V14.9	Personal history of allergy to unspecified medicinal agent	ICD-9-CM
V14.8	Personal history of allergy to other specified medicinal agents	ICD-9-CM
V14.7	Personal history of allergy to serum or vaccine	ICD-9-CM
V14.6	Personal history of allergy to analgesic agent	ICD-9-CM
V14.5	Personal history of allergy to narcotic agent	ICD-9-CM
V14.4	Personal history of allergy to anesthetic agent	ICD-9-CM
V14.3	Personal history of allergy to other anti-infective agent	ICD-9-CM
V14.2	Personal history of allergy to sulfonamides	ICD-9-CM
V14.1	Personal history of allergy to other antibiotic agent	ICD-9-CM
V14.0	Personal history of allergy to penicillin	ICD-9-CM
V13.81	Personal history of anaphylaxis	ICD-9-CM
V07.1	Need for desensitization to allergens	ICD-9-CM
995.7	Other adverse food reactions, not elsewhere classified	ICD-9-CM
995.3	Allergy, unspecified not elsewhere classified	ICD-9-CM
995.27	Other drug allergy	ICD-9-CM
995.0	Other anaphylactic reaction	ICD-9-CM
708.9	Unspecified urticaria	ICD-9-CM
708.8	Other specified urticaria	ICD-9-CM
708.5	Cholinergic urticaria	ICD-9-CM
708.4	Vibratory urticaria	ICD-9-CM
708.3	Dermatographic urticaria	ICD-9-CM
708.2	Urticaria due to cold and heat	ICD-9-CM
708.1	Idiopathic urticaria	ICD-9-CM
708.0	Allergic urticaria	ICD-9-CM
693.9	Dermatitis due to unspecified substance taken internally	ICD-9-CM
693.8	Dermatitis due to other specified substances taken internally	ICD-9-CM
693.1	Dermatitis due to food taken internally	ICD-9-CM
693.0	Dermatitis due to drugs and medicines taken internally	ICD-9-CM
692.9	Contact dermatitis and other eczema, due to unspecified cause	ICD-9-CM
692.89	Contact dermatitis and other eczema due to other specified agent	ICD-9-CM
692.84	Contact dermatitis and other eczema due to animal (cat) (dog) dander	ICD-9-CM
692.83	Dermatitis due to metals	ICD-9-CM

Appendix F. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes Used to Define Baseline Characteristics in this Request

Code	Full Description	Code Type
692.82	Dermatitis due to other radiation	ICD-9-CM
692.81	Dermatitis due to cosmetics	ICD-9-CM
692.79	Other dermatitis due to solar radiation	ICD-9-CM
692.77	Sunburn of third degree	ICD-9-CM
692.76	Sunburn of second degree	ICD-9-CM
692.75	Disseminated superficial actinic porokeratosis (DSAP)	ICD-9-CM
692.74	Other chronic dermatitis due to solar radiation	ICD-9-CM
692.73	Actinic reticuloid and actinic granuloma	ICD-9-CM
692.72	Acute dermatitis due to solar radiation	ICD-9-CM
692.71	Contact dermatitis and other eczema due to sunburn	ICD-9-CM
692.70	Unspecified dermatitis due to sun	ICD-9-CM
692.6	Contact dermatitis and other eczema due to plants (except food)	ICD-9-CM
692.5	Contact dermatitis and other eczema due to food in contact with skin	ICD-9-CM
692.4	Contact dermatitis and other eczema due to other chemical products	ICD-9-CM
692.3	Contact dermatitis and other eczema due to drugs and medicines in contact with skin	ICD-9-CM
692.2	Contact dermatitis and other eczema due to solvents	ICD-9-CM
692.1	Contact dermatitis and other eczema due to oils and greases	ICD-9-CM
692.0	Contact dermatitis and other eczema due to detergents	ICD-9-CM
691.8	Other atopic dermatitis and related conditions	ICD-9-CM
691.0	Diaper or napkin rash	ICD-9-CM
558.3	Gastroenteritis and colitis, allergic	ICD-9-CM
478.8	Upper respiratory tract hypersensitivity reaction, site unspecified	ICD-9-CM
477.9	Allergic rhinitis, cause unspecified	ICD-9-CM
477.8	Allergic rhinitis due to other allergen	ICD-9-CM
477.2	Allergic rhinitis due to animal (cat) (dog) hair and dander	ICD-9-CM
477.1	Allergic rhinitis, due to food	ICD-9-CM
477.0	Allergic rhinitis due to pollen	ICD-9-CM
472.0	Chronic rhinitis	ICD-9-CM
L57.5	Actinic granuloma	ICD-10-CM
L57.1	Actinic reticuloid	ICD-10-CM
T50.995A	Adverse effect of other drugs, medicaments and biological substances, initial encounter	ICD-10-CM
L23.81	Allergic contact dermatitis due to animal (cat) (dog) dander	ICD-10-CM
L23.0	Allergic contact dermatitis due to metals	ICD-10-CM
J30.81	Allergic rhinitis due to animal (cat) (dog) hair and dander	ICD-10-CM
J30.5	Allergic rhinitis due to food	ICD-10-CM
J30.1	Allergic rhinitis due to pollen	ICD-10-CM
J30.9	Allergic rhinitis, unspecified	ICD-10-CM
L50.0	Allergic urticaria	ICD-10-CM
Z88.6	Allergy status to analgesic agent status	ICD-10-CM
Z88.4	Allergy status to anesthetic agent status	ICD-10-CM
Z88.5	Allergy status to narcotic agent status	ICD-10-CM
Z88.3	Allergy status to other anti-infective agents status	ICD-10-CM
Z88.1	Allergy status to other antibiotic agents status	ICD-10-CM
Z88.8	Allergy status to other drugs, medicaments and biological substances status	ICD-10-CM

Appendix F. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes Used to Define Baseline Characteristics in this Request

Code	Full Description	Code Type
Z88.0	Allergy status to penicillin	ICD-10-CM
Z88.7	Allergy status to serum and vaccine status	ICD-10-CM
Z88.2	Allergy status to sulfonamides status	ICD-10-CM
Z88.9	Allergy status to unspecified drugs, medicaments and biological substances status	ICD-10-CM
T78.40XA	Allergy, unspecified, initial encounter	ICD-10-CM
T78.2XXA	Anaphylactic shock, unspecified, initial encounter	ICD-10-CM
L20.81	Atopic neurodermatitis	ICD-10-CM
L20.0	Besnier's prurigo	ICD-10-CM
L50.5	Cholinergic urticaria	ICD-10-CM
J31.0	Chronic rhinitis	ICD-10-CM
L50.6	Contact urticaria	ICD-10-CM
L27.2	Dermatitis due to ingested food	ICD-10-CM
L27.8	Dermatitis due to other substances taken internally	ICD-10-CM
L27.9	Dermatitis due to unspecified substance taken internally	ICD-10-CM
L50.3	Dermatographic urticaria	ICD-10-CM
L22	Diaper dermatitis	ICD-10-CM
L56.5	Disseminated superficial actinic porokeratosis (DSAP)	ICD-10-CM
L56.1	Drug photoallergic response	ICD-10-CM
L56.0	Drug phototoxic response	ICD-10-CM
Z51.6	Encounter for desensitization to allergens	ICD-10-CM
Z01.89	Encounter for other specified special examinations	ICD-10-CM
L20.82	Flexural eczema	ICD-10-CM
K52.21	Food protein-induced enterocolitis syndrome	ICD-10-CM
K52.22	Food protein-induced enteropathy	ICD-10-CM
L27.0	Generalized skin eruption due to drugs and medicaments taken internally	ICD-10-CM
L50.1	Idiopathic urticaria	ICD-10-CM
L20.84	Intrinsic (allergic) eczema	ICD-10-CM
L24.0	Irritant contact dermatitis due to detergents	ICD-10-CM
L24.81	Irritant contact dermatitis due to metals	ICD-10-CM
L24.1	Irritant contact dermatitis due to oils and greases	ICD-10-CM
L24.2	Irritant contact dermatitis due to solvents	ICD-10-CM
L27.1	Localized skin eruption due to drugs and medicaments taken internally	ICD-10-CM
T78.1XXA	Other adverse food reactions, not elsewhere classified, initial encounter	ICD-10-CM
K52.29	Other allergic and dietetic gastroenteritis and colitis	ICD-10-CM
J30.89	Other allergic rhinitis	ICD-10-CM
L20.89	Other atopic dermatitis	ICD-10-CM
Z91.048	Other nonmedicinal substance allergy status	ICD-10-CM
J30.2	Other seasonal allergic rhinitis	ICD-10-CM
L57.8	Other skin changes due to chronic exposure to nonionizing radiation	ICD-10-CM
L56.8	Other specified acute skin changes due to ultraviolet radiation	ICD-10-CM
L50.8	Other urticaria	ICD-10-CM
Z87.892	Personal history of anaphylaxis	ICD-10-CM
L56.2	Photocontact dermatitis [berloque dermatitis]	ICD-10-CM
L58.9	Radiodermatitis, unspecified	ICD-10-CM

Appendix F. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes Used to Define Baseline Characteristics in this Request

Code	Full Description	Code Type
L57.9	Skin changes due to chronic exposure to nonionizing radiation, unspecified	ICD-10-CM
L55.0	Sunburn of first degree	ICD-10-CM
L55.1	Sunburn of second degree	ICD-10-CM
L55.2	Sunburn of third degree	ICD-10-CM
L55.9	Sunburn, unspecified	ICD-10-CM
L25.0	Unspecified contact dermatitis due to cosmetics	ICD-10-CM
L25.1	Unspecified contact dermatitis due to drugs in contact with skin	ICD-10-CM
L25.2	Unspecified contact dermatitis due to dyes	ICD-10-CM
L25.4	Unspecified contact dermatitis due to food in contact with skin	ICD-10-CM
L25.8	Unspecified contact dermatitis due to other agents	ICD-10-CM
L25.3	Unspecified contact dermatitis due to other chemical products	ICD-10-CM
L25.5	Unspecified contact dermatitis due to plants, except food	ICD-10-CM
L25.9	Unspecified contact dermatitis, unspecified cause	ICD-10-CM
J39.3	Upper respiratory tract hypersensitivity reaction, site unspecified	ICD-10-CM
L50.2	Urticaria due to cold and heat	ICD-10-CM
L50.9	Urticaria, unspecified	ICD-10-CM
J30.0	Vasomotor rhinitis	ICD-10-CM
L50.4	Vibratory urticaria	ICD-10-CM
Diabetes		
250.93	Diabetes with unspecified complication, type I [juvenile type], uncontrolled	ICD-9-CM
250.92	Diabetes with unspecified complication, type II or unspecified type, uncontrolled	ICD-9-CM
250.91	Diabetes with unspecified complication, type I [juvenile type], not stated as uncontrolled	ICD-9-CM
250.90	Diabetes with unspecified complication, type II or unspecified type, not stated as uncontrolled	ICD-9-CM
250.9	Diabetes with unspecified complication	ICD-9-CM
250.83	Diabetes with other specified manifestations, type I [juvenile type], uncontrolled	ICD-9-CM
250.82	Diabetes with other specified manifestations, type II or unspecified type, uncontrolled	ICD-9-CM
250.81	Diabetes with other specified manifestations, type I [juvenile type], not stated as uncontrolled	ICD-9-CM
250.80	Diabetes with other specified manifestations, type II or unspecified type, not stated as uncontrolled	ICD-9-CM
250.8	Diabetes with other specified manifestations	ICD-9-CM
250.73	Diabetes with peripheral circulatory disorders, type I [juvenile type], uncontrolled	ICD-9-CM
250.72	Diabetes with peripheral circulatory disorders, type II or unspecified type, uncontrolled	ICD-9-CM
250.71	Diabetes with peripheral circulatory disorders, type I [juvenile type], not stated as uncontrolled	ICD-9-CM
250.70	Diabetes with peripheral circulatory disorders, type II or unspecified type, not stated as uncontrolled	ICD-9-CM
250.7	Diabetes with peripheral circulatory disorders	ICD-9-CM
250.63	Diabetes with neurological manifestations, type I [juvenile type], uncontrolled	ICD-9-CM
250.62	Diabetes with neurological manifestations, type II or unspecified type, uncontrolled	ICD-9-CM
250.61	Diabetes with neurological manifestations, type I [juvenile type], not stated as uncontrolled	ICD-9-CM
250.60	Diabetes with neurological manifestations, type II or unspecified type, not stated as uncontrolled	ICD-9-CM
250.6	Diabetes with neurological manifestations	ICD-9-CM
250.53	Diabetes with ophthalmic manifestations, type I [juvenile type], uncontrolled	ICD-9-CM
250.52	Diabetes with ophthalmic manifestations, type II or unspecified type, uncontrolled	ICD-9-CM
250.51	Diabetes with ophthalmic manifestations, type I [juvenile type], not stated as uncontrolled	ICD-9-CM

Appendix F. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes Used to Define Baseline Characteristics in this Request

Code	Full Description	Code Type
250.50	Diabetes with ophthalmic manifestations, type II or unspecified type, not stated as uncontrolled	ICD-9-CM
250.5	Diabetes with ophthalmic manifestations	ICD-9-CM
250.43	Diabetes with renal manifestations, type I [juvenile type], uncontrolled	ICD-9-CM
250.42	Diabetes with renal manifestations, type II or unspecified type, uncontrolled	ICD-9-CM
250.41	Diabetes with renal manifestations, type I [juvenile type], not stated as uncontrolled	ICD-9-CM
250.40	Diabetes with renal manifestations, type II or unspecified type, not stated as uncontrolled	ICD-9-CM
250.4	Diabetes with renal manifestations	ICD-9-CM
250.33	Diabetes with other coma, type I [juvenile type], uncontrolled	ICD-9-CM
250.32	Diabetes with other coma, type II or unspecified type, uncontrolled	ICD-9-CM
250.31	Diabetes with other coma, type I [juvenile type], not stated as uncontrolled	ICD-9-CM
250.30	Diabetes with other coma, type II or unspecified type, not stated as uncontrolled	ICD-9-CM
250.3	Diabetes with other coma	ICD-9-CM
250.23	Diabetes with hyperosmolarity, type I [juvenile type], uncontrolled	ICD-9-CM
250.22	Diabetes with hyperosmolarity, type II or unspecified type, uncontrolled	ICD-9-CM
250.21	Diabetes with hyperosmolarity, type I [juvenile type], not stated as uncontrolled	ICD-9-CM
250.20	Diabetes with hyperosmolarity, type II or unspecified type, not stated as uncontrolled	ICD-9-CM
250.2	Diabetes with hyperosmolarity	ICD-9-CM
250.13	Diabetes with ketoacidosis, type I [juvenile type], uncontrolled	ICD-9-CM
250.12	Diabetes with ketoacidosis, type II or unspecified type, uncontrolled	ICD-9-CM
250.11	Diabetes with ketoacidosis, type I [juvenile type], not stated as uncontrolled	ICD-9-CM
250.10	Diabetes with ketoacidosis, type II or unspecified type, not stated as uncontrolled	ICD-9-CM
250.1	Diabetes with ketoacidosis	ICD-9-CM
250.03	Diabetes mellitus without mention of complication, type I [juvenile type], uncontrolled	ICD-9-CM
250.02	Diabetes mellitus without mention of complication, type II or unspecified type, uncontrolled	ICD-9-CM
250.01	Diabetes mellitus without mention of complication, type I [juvenile type], not stated as uncontrolled	ICD-9-CM
250.00	Diabetes mellitus without mention of complication, type II or unspecified type, not stated as uncontrolled	ICD-9-CM
250.0	Diabetes mellitus without mention of complication	ICD-9-CM
250	Diabetes mellitus	ICD-9-CM
E13.10	Other specified diabetes mellitus with ketoacidosis without coma	ICD-10-CM
E10.36	Type 1 diabetes mellitus with diabetic cataract	ICD-10-CM
E10.620	Type 1 diabetes mellitus with diabetic dermatitis	ICD-10-CM
E10.37X3	Type 1 diabetes mellitus with diabetic macular edema, resolved following treatment, bilateral	ICD-10-CM
E10.37X2	Type 1 diabetes mellitus with diabetic macular edema, resolved following treatment, left eye	ICD-10-CM
E10.37X1	Type 1 diabetes mellitus with diabetic macular edema, resolved following treatment, right eye	ICD-10-CM
E10.37X9	Type 1 diabetes mellitus with diabetic macular edema, resolved following treatment, unspecified eye	ICD-10-CM
E10.21	Type 1 diabetes mellitus with diabetic nephropathy	ICD-10-CM
E10.40	Type 1 diabetes mellitus with diabetic neuropathy, unspecified	ICD-10-CM
E10.51	Type 1 diabetes mellitus with diabetic peripheral angiopathy without gangrene	ICD-10-CM
E10.621	Type 1 diabetes mellitus with foot ulcer	ICD-10-CM
E10.65	Type 1 diabetes mellitus with hyperglycemia	ICD-10-CM
E10.641	Type 1 diabetes mellitus with hypoglycemia with coma	ICD-10-CM

Appendix F. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes Used to Define Baseline Characteristics in this Request

Code	Full Description	Code Type
E10.649	Type 1 diabetes mellitus with hypoglycemia without coma	ICD-10-CM
E10.11	Type 1 diabetes mellitus with ketoacidosis with coma	ICD-10-CM
E10.10	Type 1 diabetes mellitus with ketoacidosis without coma	ICD-10-CM
E10.618	Type 1 diabetes mellitus with other diabetic arthropathy	ICD-10-CM
E10.29	Type 1 diabetes mellitus with other diabetic kidney complication	ICD-10-CM
E10.39	Type 1 diabetes mellitus with other diabetic ophthalmic complication	ICD-10-CM
E10.638	Type 1 diabetes mellitus with other oral complications	ICD-10-CM
E10.628	Type 1 diabetes mellitus with other skin complications	ICD-10-CM
E10.622	Type 1 diabetes mellitus with other skin ulcer	ICD-10-CM
E10.69	Type 1 diabetes mellitus with other specified complication	ICD-10-CM
E10.630	Type 1 diabetes mellitus with periodontal disease	ICD-10-CM
E10.8	Type 1 diabetes mellitus with unspecified complications	ICD-10-CM
E10.311	Type 1 diabetes mellitus with unspecified diabetic retinopathy with macular edema	ICD-10-CM
E10.319	Type 1 diabetes mellitus with unspecified diabetic retinopathy without macular edema	ICD-10-CM
E10.9	Type 1 diabetes mellitus without complications	ICD-10-CM
E11.36	Type 2 diabetes mellitus with diabetic cataract	ICD-10-CM
E11.620	Type 2 diabetes mellitus with diabetic dermatitis	ICD-10-CM
E11.21	Type 2 diabetes mellitus with diabetic nephropathy	ICD-10-CM
E11.40	Type 2 diabetes mellitus with diabetic neuropathy, unspecified	ICD-10-CM
E11.51	Type 2 diabetes mellitus with diabetic peripheral angiopathy without gangrene	ICD-10-CM
E11.621	Type 2 diabetes mellitus with foot ulcer	ICD-10-CM
E11.65	Type 2 diabetes mellitus with hyperglycemia	ICD-10-CM
E11.01	Type 2 diabetes mellitus with hyperosmolarity with coma	ICD-10-CM
E11.00	Type 2 diabetes mellitus with hyperosmolarity without nonketotic hyperglycemic-hyperosmolar coma (NKHHC)	ICD-10-CM
E11.641	Type 2 diabetes mellitus with hypoglycemia with coma	ICD-10-CM
E11.649	Type 2 diabetes mellitus with hypoglycemia without coma	ICD-10-CM
E11.618	Type 2 diabetes mellitus with other diabetic arthropathy	ICD-10-CM
E11.29	Type 2 diabetes mellitus with other diabetic kidney complication	ICD-10-CM
E11.39	Type 2 diabetes mellitus with other diabetic ophthalmic complication	ICD-10-CM
E11.638	Type 2 diabetes mellitus with other oral complications	ICD-10-CM
E11.628	Type 2 diabetes mellitus with other skin complications	ICD-10-CM
E11.622	Type 2 diabetes mellitus with other skin ulcer	ICD-10-CM
E11.69	Type 2 diabetes mellitus with other specified complication	ICD-10-CM
E11.630	Type 2 diabetes mellitus with periodontal disease	ICD-10-CM
E11.8	Type 2 diabetes mellitus with unspecified complications	ICD-10-CM
E11.311	Type 2 diabetes mellitus with unspecified diabetic retinopathy with macular edema	ICD-10-CM
E11.319	Type 2 diabetes mellitus with unspecified diabetic retinopathy without macular edema	ICD-10-CM
E11.9	Type 2 diabetes mellitus without complications	ICD-10-CM
Heart Failure		
398.91	Rheumatic heart failure (congestive)	ICD-9-CM
402.01	Malignant hypertensive heart disease with heart failure	ICD-9-CM
402.11	Benign hypertensive heart disease with heart failure	ICD-9-CM
402.91	Hypertensive heart disease, unspecified, with heart failure	ICD-9-CM

Appendix F. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes Used to Define Baseline Characteristics in this Request

Code	Full Description	Code Type
404.01	Hypertensive heart and chronic kidney disease, malignant, with heart failure and with chronic kidney disease stage I through stage IV, or unspecified	ICD-9-CM
404.03	Hypertensive heart and chronic kidney disease, malignant, with heart failure and with chronic kidney disease stage V or end stage renal disease	ICD-9-CM
404.11	Hypertensive heart and chronic kidney disease, benign, with heart failure and with chronic kidney disease stage I through stage IV, or unspecified	ICD-9-CM
404.13	Hypertensive heart and chronic kidney disease, benign, with heart failure and chronic kidney disease stage V or end stage renal disease	ICD-9-CM
404.91	Hypertensive heart and chronic kidney disease, unspecified, with heart failure and with chronic kidney disease stage I through stage IV, or unspecified	ICD-9-CM
404.93	Hypertensive heart and chronic kidney disease, unspecified, with heart failure and chronic kidney disease stage V or end stage renal disease	ICD-9-CM
428	Heart failure	ICD-9-CM
428.0	Congestive heart failure, unspecified	ICD-9-CM
428.1	Left heart failure	ICD-9-CM
428.2	Systolic heart failure	ICD-9-CM
428.20	Unspecified systolic heart failure	ICD-9-CM
428.21	Acute systolic heart failure	ICD-9-CM
428.22	Chronic systolic heart failure	ICD-9-CM
428.23	Acute on chronic systolic heart failure	ICD-9-CM
428.3	Diastolic heart failure	ICD-9-CM
428.30	Unspecified diastolic heart failure	ICD-9-CM
428.31	Acute diastolic heart failure	ICD-9-CM
428.32	Chronic diastolic heart failure	ICD-9-CM
428.33	Acute on chronic diastolic heart failure	ICD-9-CM
428.4	Combined systolic and diastolic heart failure	ICD-9-CM
428.40	Unspecified combined systolic and diastolic heart failure	ICD-9-CM
428.41	Acute combined systolic and diastolic heart failure	ICD-9-CM
428.42	Chronic combined systolic and diastolic heart failure	ICD-9-CM
428.43	Acute on chronic combined systolic and diastolic heart failure	ICD-9-CM
428.9	Unspecified heart failure	ICD-9-CM
I09.81	Rheumatic heart failure	ICD-10-CM
I11.0	Hypertensive heart disease with heart failure	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	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	ICD-10-CM
I50	Heart failure	ICD-10-CM
I50.1	Left ventricular failure, unspecified	ICD-10-CM
I50.2	Systolic (congestive) heart failure	ICD-10-CM
I50.20	Unspecified systolic (congestive) heart failure	ICD-10-CM
I50.21	Acute systolic (congestive) heart failure	ICD-10-CM
I50.22	Chronic systolic (congestive) heart failure	ICD-10-CM
I50.23	Acute on chronic systolic (congestive) heart failure	ICD-10-CM

Appendix F. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes Used to Define Baseline Characteristics in this Request

Code	Full Description	Code Type
I50.3	Diastolic (congestive) heart failure	ICD-10-CM
I50.30	Unspecified diastolic (congestive) heart failure	ICD-10-CM
I50.31	Acute diastolic (congestive) heart failure	ICD-10-CM
I50.32	Chronic diastolic (congestive) heart failure	ICD-10-CM
I50.33	Acute on chronic diastolic (congestive) heart failure	ICD-10-CM
I50.4	Combined systolic (congestive) and diastolic (congestive) heart failure	ICD-10-CM
I50.40	Unspecified combined systolic (congestive) and diastolic (congestive) heart failure	ICD-10-CM
I50.41	Acute combined systolic (congestive) and diastolic (congestive) heart failure	ICD-10-CM
I50.42	Chronic combined systolic (congestive) and diastolic (congestive) heart failure	ICD-10-CM
I50.43	Acute on chronic combined systolic (congestive) and diastolic (congestive) heart failure	ICD-10-CM
I50.9	Heart failure, unspecified	ICD-10-CM
I97.13	Postprocedural heart failure	ICD-10-CM
I97.130	Postprocedural heart failure following cardiac surgery	ICD-10-CM
I97.131	Postprocedural heart failure following other surgery	ICD-10-CM
Ischemic Heart Disease		
410	Acute myocardial infarction	ICD-9-CM
410.0	Acute myocardial infarction of anterolateral wall	ICD-9-CM
410.00	Acute myocardial infarction of anterolateral wall, episode of care unspecified	ICD-9-CM
410.01	Acute myocardial infarction of anterolateral wall, initial episode of care	ICD-9-CM
410.02	Acute myocardial infarction of anterolateral wall, subsequent episode of care	ICD-9-CM
410.1	Acute myocardial infarction of other anterior wall	ICD-9-CM
410.10	Acute myocardial infarction of other anterior wall, episode of care unspecified	ICD-9-CM
410.11	Acute myocardial infarction of other anterior wall, initial episode of care	ICD-9-CM
410.12	Acute myocardial infarction of other anterior wall, subsequent episode of care	ICD-9-CM
410.2	Acute myocardial infarction of inferolateral wall	ICD-9-CM
410.20	Acute myocardial infarction of inferolateral wall, episode of care unspecified	ICD-9-CM
410.21	Acute myocardial infarction of inferolateral wall, initial episode of care	ICD-9-CM
410.22	Acute myocardial infarction of inferolateral wall, subsequent episode of care	ICD-9-CM
410.3	Acute myocardial infarction of inferoposterior wall	ICD-9-CM
410.30	Acute myocardial infarction of inferoposterior wall, episode of care unspecified	ICD-9-CM
410.31	Acute myocardial infarction of inferoposterior wall, initial episode of care	ICD-9-CM
410.32	Acute myocardial infarction of inferoposterior wall, subsequent episode of care	ICD-9-CM
410.4	Acute myocardial infarction of other inferior wall	ICD-9-CM
410.40	Acute myocardial infarction of other inferior wall, episode of care unspecified	ICD-9-CM
410.41	Acute myocardial infarction of other inferior wall, initial episode of care	ICD-9-CM
410.42	Acute myocardial infarction of other inferior wall, subsequent episode of care	ICD-9-CM
410.5	Acute myocardial infarction of other lateral wall	ICD-9-CM
410.50	Acute myocardial infarction of other lateral wall, episode of care unspecified	ICD-9-CM
410.51	Acute myocardial infarction of other lateral wall, initial episode of care	ICD-9-CM
410.52	Acute myocardial infarction of other lateral wall, subsequent episode of care	ICD-9-CM
410.6	Acute myocardial infarction, true posterior wall infarction	ICD-9-CM
410.60	Acute myocardial infarction, true posterior wall infarction, episode of care unspecified	ICD-9-CM
410.61	Acute myocardial infarction, true posterior wall infarction, initial episode of care	ICD-9-CM
410.62	Acute myocardial infarction, true posterior wall infarction, subsequent episode of care	ICD-9-CM

Appendix F. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes Used to Define Baseline Characteristics in this Request

Code	Full Description	Code Type
410.7	Acute myocardial infarction, subendocardial infarction	ICD-9-CM
410.70	Acute myocardial infarction, subendocardial infarction, episode of care unspecified	ICD-9-CM
410.71	Acute myocardial infarction, subendocardial infarction, initial episode of care	ICD-9-CM
410.72	Acute myocardial infarction, subendocardial infarction, subsequent episode of care	ICD-9-CM
410.8	Acute myocardial infarction of other specified sites	ICD-9-CM
410.80	Acute myocardial infarction of other specified sites, episode of care unspecified	ICD-9-CM
410.81	Acute myocardial infarction of other specified sites, initial episode of care	ICD-9-CM
410.82	Acute myocardial infarction of other specified sites, subsequent episode of care	ICD-9-CM
410.9	Acute myocardial infarction, unspecified site	ICD-9-CM
410.90	Acute myocardial infarction, unspecified site, episode of care unspecified	ICD-9-CM
410.91	Acute myocardial infarction, unspecified site, initial episode of care	ICD-9-CM
410.92	Acute myocardial infarction, unspecified site, subsequent episode of care	ICD-9-CM
411	Other acute and subacute forms of ischemic heart disease	ICD-9-CM
411.0	Postmyocardial infarction syndrome	ICD-9-CM
411.1	Intermediate coronary syndrome	ICD-9-CM
411.8	Other acute and subacute forms of ischemic heart disease	ICD-9-CM
411.81	Acute coronary occlusion without myocardial infarction	ICD-9-CM
411.89	Other acute and subacute form of ischemic heart disease	ICD-9-CM
412	Old myocardial infarction	ICD-9-CM
413	Angina pectoris	ICD-9-CM
413.0	Angina decubitus	ICD-9-CM
413.1	Prinzmetal angina	ICD-9-CM
413.9	Other and unspecified angina pectoris	ICD-9-CM
414	Other forms of chronic ischemic heart disease	ICD-9-CM
414.0	Coronary atherosclerosis	ICD-9-CM
414.00	Coronary atherosclerosis of unspecified type of vessel, native or graft	ICD-9-CM
414.01	Coronary atherosclerosis of native coronary artery	ICD-9-CM
414.02	Coronary atherosclerosis of autologous vein bypass graft	ICD-9-CM
414.03	Coronary atherosclerosis of nonautologous biological bypass graft	ICD-9-CM
414.04	Coronary atherosclerosis of artery bypass graft	ICD-9-CM
414.05	Coronary atherosclerosis of unspecified type of bypass graft	ICD-9-CM
414.06	Coronary atherosclerosis, of native coronary artery of transplanted heart	ICD-9-CM
414.07	Coronary atherosclerosis, of bypass graft (artery) (vein) of transplanted heart	ICD-9-CM
414.1	Aneurysm and dissection of heart	ICD-9-CM
414.10	Aneurysm of heart	ICD-9-CM
414.11	Aneurysm of coronary vessels	ICD-9-CM
414.12	Dissection of coronary artery	ICD-9-CM
414.19	Other aneurysm of heart	ICD-9-CM
414.2	Chronic total occlusion of coronary artery	ICD-9-CM
414.3	Coronary atherosclerosis due to lipid rich plaque	ICD-9-CM
414.4	Coronary atherosclerosis due to calcified coronary lesion	ICD-9-CM
414.8	Other specified forms of chronic ischemic heart disease	ICD-9-CM
414.9	Unspecified chronic ischemic heart disease	ICD-9-CM
I20.0	Unstable angina	ICD-10-CM

Appendix F. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes Used to Define Baseline Characteristics in this Request

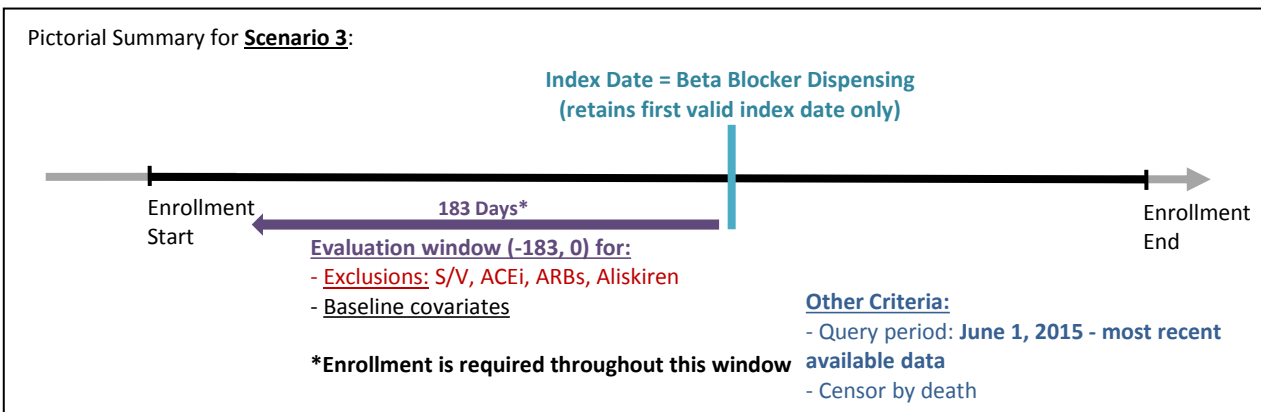
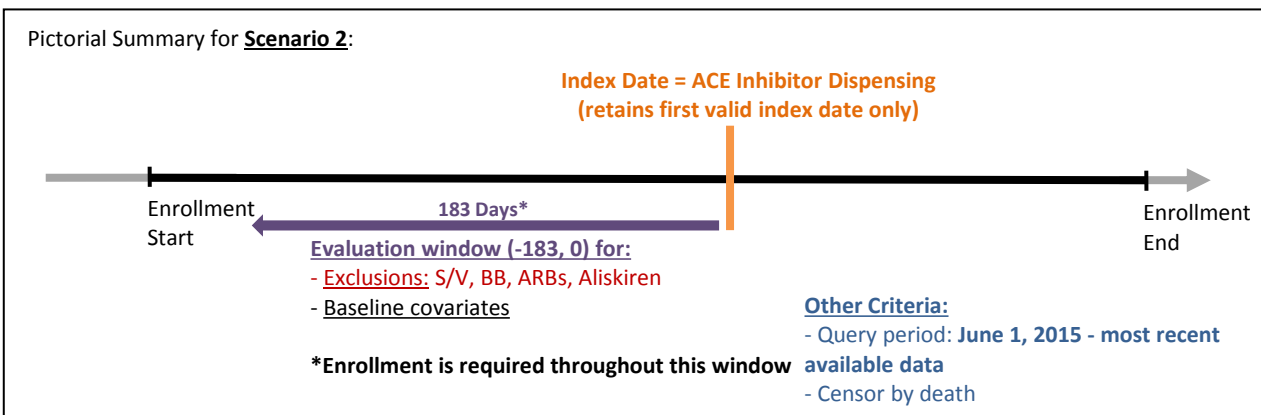
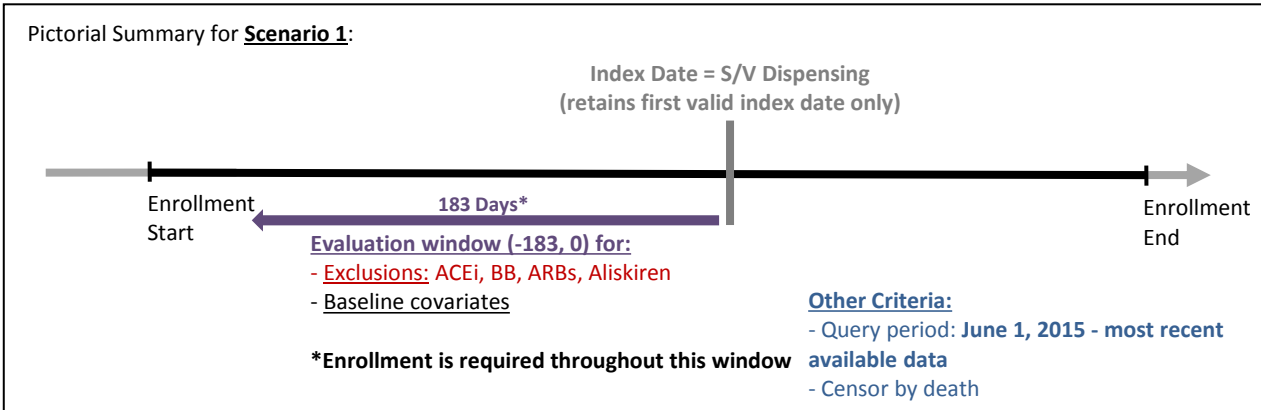
Code	Full Description	Code Type
I20.1	Angina pectoris with documented spasm	ICD-10-CM
I20.8	Other forms of angina pectoris	ICD-10-CM
I20.9	Angina pectoris, unspecified	ICD-10-CM
I21.09	ST elevation (STEMI) myocardial infarction involving other coronary artery of anterior wall	ICD-10-CM
I21.11	ST elevation (STEMI) myocardial infarction involving right coronary artery	ICD-10-CM
I21.19	ST elevation (STEMI) myocardial infarction involving other coronary artery of inferior wall	ICD-10-CM
I21.29	ST elevation (STEMI) myocardial infarction involving other sites	ICD-10-CM
I21.3	ST elevation (STEMI) myocardial infarction of unspecified site	ICD-10-CM
I21.4	Non-ST elevation (NSTEMI) myocardial infarction	ICD-10-CM
I24.0	Acute coronary thrombosis not resulting in myocardial infarction	ICD-10-CM
I24.1	Dressler's syndrome	ICD-10-CM
I24.8	Other forms of acute ischemic heart disease	ICD-10-CM
I25.10	Atherosclerotic heart disease of native coronary artery without angina pectoris	ICD-10-CM
I25.2	Old myocardial infarction	ICD-10-CM
I25.3	Aneurysm of heart	ICD-10-CM
I25.41	Coronary artery aneurysm	ICD-10-CM
I25.42	Coronary artery dissection	ICD-10-CM
I25.5	Ischemic cardiomyopathy	ICD-10-CM
I25.810	Atherosclerosis of coronary artery bypass graft(s) without angina pectoris	ICD-10-CM
I25.811	Atherosclerosis of native coronary artery of transplanted heart without angina pectoris	ICD-10-CM
I25.812	Atherosclerosis of bypass graft of coronary artery of transplanted heart without angina pectoris	ICD-10-CM
I25.82	Chronic total occlusion of coronary artery	ICD-10-CM
I25.83	Coronary atherosclerosis due to lipid rich plaque	ICD-10-CM
I25.84	Coronary atherosclerosis due to calcified coronary lesion	ICD-10-CM
I25.89	Other forms of chronic ischemic heart disease	ICD-10-CM
I25.9	Chronic ischemic heart disease, unspecified	ICD-10-CM

Appendix G. Specifications Defining Parameters Used in this Request

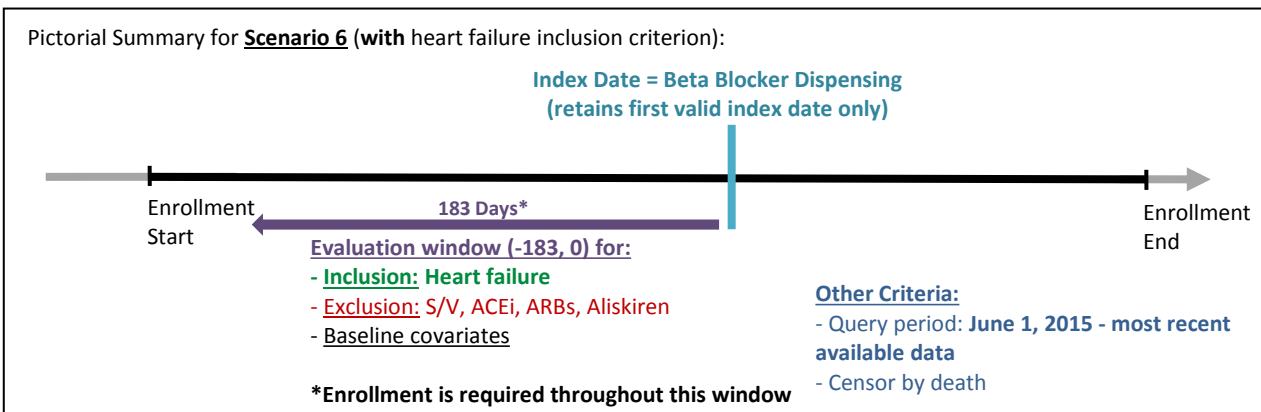
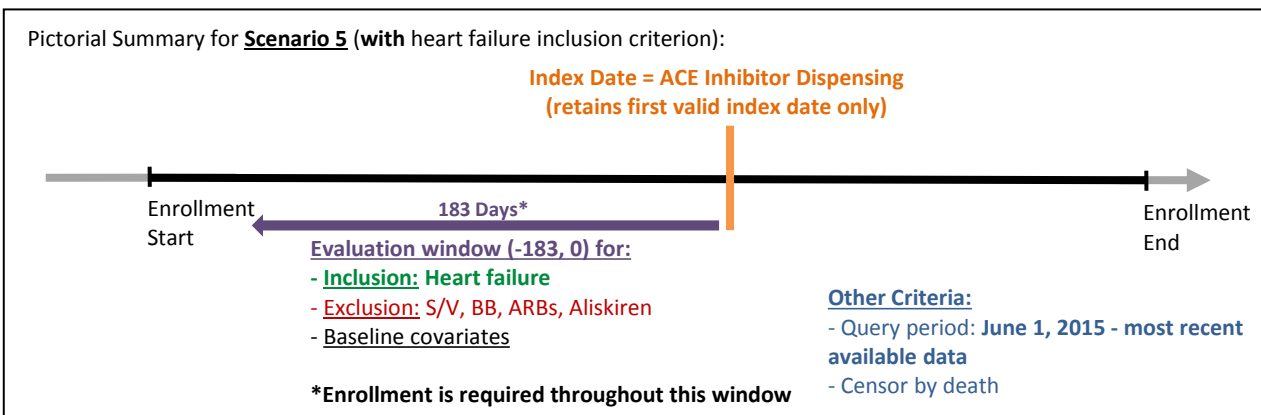
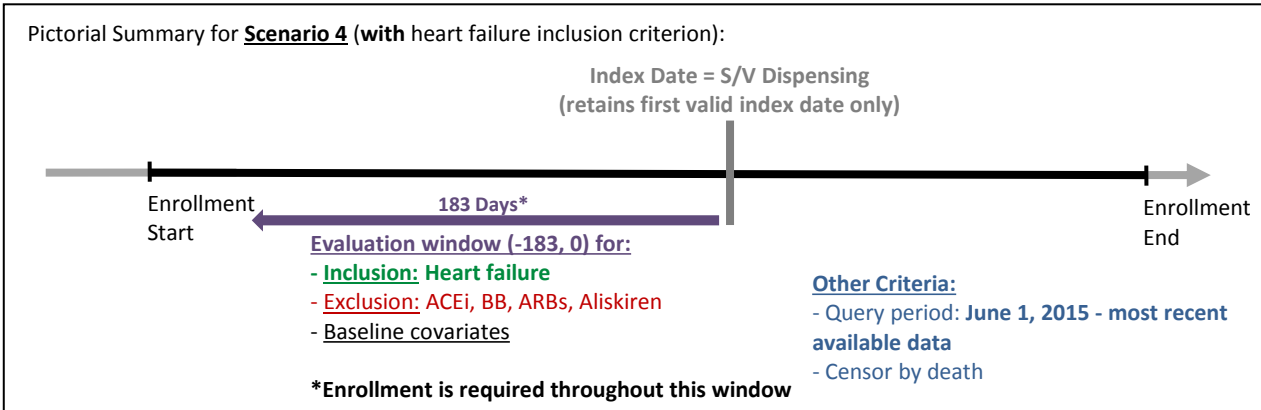
This report executed the Cohort Identification and Descriptive Analysis (CIDA) tool, version 5.4.1, to examine the uptake of Sacubitril-Valsartan in the Sentinel Distributed Database (SDD).										
Query Period: June 1, 2015 - June 30, 2018 Enrollment Requirement: 183 days Enrollment Gap: 45 days Coverage Requirement: Medical and Drug Age Groups: 18-44; 45-54; 55-64; 65+ years										
Scenario	Exposure			Inclusion/Exclusion Criteria				Baseline Characteristics		
	Exposure	Incidence Criteria	Washout (Days)	Cohort Definition	Prior use	Include/Exclude	Lookback Period (days)	Care setting	Baseline Characteristics	Evaluation Window (days)
1	Sacubitril/Valsartan	Sacubitril/Valsartan	183	First Valid Episode Only	Any of angiotensin-converting enzyme (ACE) inhibitors, Beta Blockers, ARBs, or Aliskiren	Exclude	-183, 0	Any	See Appendices E - F	-183, 0
2	Angiotensin-Converting Enzyme (ACE) Inhibitors	ACE Inhibitors	183	First Valid Episode Only	Any of Sacubitril/Valsartan, Beta Blockers, ARBs, or Aliskiren	Exclude	-183, 0	Any	See Appendices E - F	-183, 0
3	Beta Blockers	Beta Blockers	183	First Valid Episode Only	Any of Sacubitril/Valsartan, ACE Inhibitors, ARBs, or Aliskiren	Exclude	-183, 0	Any	See Appendices E - F	-183, 0
4	Sacubitril/Valsartan	Sacubitril/Valsartan	183	First Valid Episode Only	Any of ACE Inhibitors, Beta Blockers, ARBs, or Aliskiren	Exclude	-183, 0	Any	See Appendices E - F	-183, 0
					Heart Failure	Include	-183, 0	Any		
5	ACE Inhibitors	ACE Inhibitors	183	First Valid Episode Only	Any of Sacubitril/Valsartan, Beta Blockers, ARBs, or Aliskiren	Exclude	-183, 0	Any	See Appendices E - F	-183, 0
					Heart Failure	Include	-183, 0	Any		
6	Beta Blockers	Beta Blockers	183	First Valid Episode Only	Any of Sacubitril/Valsartan, ACE Inhibitors, ARBs, or Aliskiren	Exclude	-183, 0	Any	See Appendices E - F	-183, 0
					Heart Failure	Include	-183, 0	Any		
7	Sacubitril/Valsartan	Sacubitril/Valsartan	183	First Valid Episode Only	Any of ACE Inhibitors, Beta Blockers, ARBs, or Aliskiren	Include	-183, 0	Any	See Appendices E - F	-183, 0

International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), Healthcare Common Procedure Coding System (HCPCS), and Current Procedural Terminology (CPT codes are provided by Optum360. National Drug Codes (NDCs) are checked against First Data Bank's "National Drug Data File (NDDF®) Plus."

Appendix H. Pictorial Summaries of the Scenarios in this Request



Appendix H. Pictorial Summaries of the Scenarios in this Request



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