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

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

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Overview for Request cder_mpl1p_wp009_nsdp_v01

Request ID: cder_mpl1p_wp009_nsdp_v01

Request Description: This report contains estimates of multiple sclerosis (MS) drug use before, during, and after pregnancies resulting in a live-born delivery, among women in the Sentinel Distributed Database (SDD).

<u>Sentinel Modular Program Tool Used:</u> Cohort Identification and Descriptive Analysis (CIDA) tool, version 5.0.5, with additional ad hoc programming.

<u>Data Source:</u> Data from January 1, 2001 to August 31, 2017 from 16 Data Partners contributing to the SDD were included in this report. See Appendix A for a list of the dates of available data for each Data Partner. This request was distributed to Data Partners on November 20, 2017.

<u>Study Design:</u> The total number of pregnancies and the number and percentage of pregnancies with multiple sclerosis drug exposure were assessed among women of reproductive age. Results were stratified by exposure during the 183 to 91 and 90 to 1 days prior to pregnancy start, pregnancy trimester, and during the 90 and 91 to 183 days after delivery. Additionally, the results were stratified by maternal age at delivery, and by calendar year of delivery. An age-matched cohort of non-pregnant women was used as a comparator during the same time period in which pregnancy episodes were assessed.

<u>Cohort Eligibility Criteria:</u> Women members in the following age groups were included in the cohort: 15-19, 20-24, 25-29, 30-34, 35-39, 40-44, and 45-49 years. Eligible women were required to be enrolled in plans with medical and drug coverage for 484 days before their delivery date and 183 days after their delivery date, with gaps in coverage of up to 45 days allowed.

Women were eligible for the non-pregnant cohort when they had no evidence of a live-birth delivery during their matched comparator's pregnancy time period. Pregnancy episodes are matched within Data Partner, to the first enrollment episode without a live birth that meets all inclusion/exclusion criteria, is the same (integer) age, and where pregnancy index date overlaps the eligible enrollment span.

Pregnancy Episode Creation: A claims-based algorithm was used to identify pregnancies ending in a live birth. This algorithm used International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) diagnosis codes indicative of weeks of gestation, and International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and ICD-10-CM diagnosis codes for pre-term and post-term deliveries, to calculate the length of the pregnancy episode. Codes had to occur within 7 days of a delivery date in the inpatient setting. In absence of pre-/post-term codes, pregnancy duration was set to 273 days. Pregnancies were excluded from the cohort if there was evidence of a prior delivery in the 301 days before the delivery date of interest. Please see Appendix B for a list of ICD-9-CM and ICD-10-CM codes used in the gestational age algorithm, and Appendix C for codes to define live-born delivery using Current Procedural Terminology, Fourth Edition (CPT-4) procedure codes, and ICD-9-CM and ICD-10-CM diagnosis and procedure codes.

Exposure Identification During Pregnancy: Prevalent use during pregnancy of twelve MS drugs were identified as exposures of interest in this request. MS drugs were grouped by the following generic names: dimethyl fumarate, dalfampridine, fingolimod, glatiramer acetate, interferon beta-1a with or without albumin, interferon beta-1b, peginterferon beta-1a, teriflunomide, alemtuzumab, natalizumab, daclizumab, and mitoxantrone. Drugs were defined using National Drug Codes (NDCs) and Healthcare Common Procedure Coding System (HCPCS) codes. Please see Appendix D for a list of HCPCS codes and Appendix E for a list of drug names used to define MS drug exposures.

<u>Sensitivity Analysis:</u> An additional sensitivity analysis investigated MS drug exposure among all women of the ages 15-19, 20-24, 25-29, 30-34, 35-39, 40-44, and 45-49 years, regardless of pregnancy status. No enrollment requirement was enforced for this cohort.

Please see Appendix F for the specifications of parameters used in this request.

<u>Limitations:</u> Algorithms used to define pregnancy start and exposure use 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 Query Fulfillment Team (qf@sentinelsystem.org) for questions and to provide comments/suggestions for future enhancements to this document.

¹Andrade SE, Davis RL, Cheetham TC, et al. Medication Exposure in Pregnancy Risk Evaluation Program. Matern Child Health J. 2012 Oct;16(7):1349-54. doi: 10.1007/s10995-011-0902-x



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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). Along with the Principal Diagnosis Indicator, 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.

Cohort Definition (drug/exposure) - indicates how the cohort will be defined: (1): Cohort includes only the first valid treatment episode during the query period; (2): Cohort includes all valid treatment episodes during the query period; (3): 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 MP algorithm: (0): Counts all occurrences of an 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."

gaps are bridged and extension days added to the length of the exposure episode.

Exposure Extension Period - number of days post treatment period in which the outcomes/events are counted for a treatment episode. Extensions days 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



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.

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



Table 1. Prevalence of Multiple Sclerosis (MS) Drug Use among Women with Live-Birth Deliveries in the Sentinel Distributed Database, by Trimester

| Pregnant Cohort | Use in the 183 - 91 Days Pre-pregnancy | Use in the 90 Days Pre-pregnancy | Any Use During Pregnancy | Any Use, 1st Trimester | Any Use, 2nd Trimester | Any Use, 3rd Trimester | Use in the 90 Days Post-pregnancy | Use in the 91 - 183 Days Post-pregnancy |
|--|--|--|--------------------------------|---------------------------|---------------------------|---------------------------|---|---|
| | 2,205,383 | 2,205,383 | 2,205,383 | 2,205,383 | 2,205,383 | 2,203,324 | 2,205,383 | 2,205,383 |
| Total Pregnancies | (100.0%) | (100.0%) | (100.0%) | (100.0%) | (100.0%) | (100.0%%) | (100.0%) | (100.0%) |
| Drug of Interest | | | | | | | | |
| Any multiple sclerosis drugs | 1,407 (0.06%) | 1,243 (0.06%) | 1,011 (0.05%) | 944 (0.04%) | 269 (0.01%) | 246 (0.01%%) | 958 (0.04%) | 1,330 (0.06%) |
| Dalfampridine | 9 (0.00%) | 10 (0.00%) | 6 (0.00%) | 6 (0.00%) | 1 (0.00%) | 0 (0.00%%) | 7 (0.00%) | 14 (0.00%) |
| Dimethyl fumarate | 58 (0.00%) | 54 (0.00%) | 51 (0.00%) | 45 (0.00%) | 9 (0.00%) | 11 (0.00%%) | 63 (0.00%) | 113 (0.01%) |
| Fingolimod | 33 (0.00%) | 26 (0.00%) | 20 (0.00%) | 20 (0.00%) | 2 (0.00%) | 2 (0.00%%) | 30 (0.00%) | 60 (0.00%) |
| Glatiramer acetate | 602 (0.03%) | 564 (0.03%) | 501 (0.02%) | 470 (0.02%) | 171 (0.01%) | 164 (0.01%%) | 427 (0.02%) | 538 (0.02%) |
| Interferon beta-1a with or without albumin | 502 (0.02%) | 421 (0.02%) | 307 (0.01%) | 283 (0.01%) | 61 (0.00%) | 51 (0.00%%) | 302 (0.01%) | 419 (0.02%) |
| Interferon beta-1b | 126 (0.01%) | 104 (0.00%) | 78 (0.00%) | 74 (0.00%) | 10 (0.00%) | 5 (0.00%%) | 72 (0.00%) | 104 (0.00%) |
| Peginterferon beta-1a | 0 (0.00%) | 0 (0.00%) | 0 (0.00%) | 0 (0.00%) | 0 (0.00%) | 0 (0.00%%) | 2 (0.00%) | 6 (0.00%) |
| Teriflunomide | 2 (0.00%) | 3 (0.00%) | 2 (0.00%) | 2 (0.00%) | 2 (0.00%) | 2 (0.00%%) | 3 (0.00%) | 7 (0.00%) |
| Alemtuzumab | 0 (0.00%) | 0 (0.00%) | 0 (0.00%) | 0 (0.00%) | 0 (0.00%) | 0 (0.00%%) | 0 (0.00%) | 1 (0.00%) |
| Natalizumab | 99 (0.00%) | 91 (0.00%) | 61 (0.00%) | 55 (0.00%) | 14 (0.00%) | 11 (0.00%%) | 81 (0.00%) | 120 (0.01%) |
| Daclizumab | 1 (0.00%) | 0 (0.00%) | 0 (0.00%) | 0 (0.00%) | 0 (0.00%) | 0 (0.00%%) | 0 (0.00%) | 0 (0.00%) |
| Mitoxantrone | 3 (0.00%) | 1 (0.00%) | 0 (0.00%) | 0 (0.00%) | 0 (0.00%) | 0 (0.00%%) | 1 (0.00%) | 1 (0.00%) |



Table 2. Prevalence of Multiple Sclerosis (MS) Drug Use among Non-Pregnant Cohort in the Sentinel Distributed Database, by Matched Comparator's Trimester

| Non-Pregnant Cohort ^{1,2} | Use in the 183 - 91 Days Pre-pregnancy | Use in the 90 Days Pre-pregnancy | Any Use During Pregnancy | Any Use, 1st Trimester | Any Use, 2nd Trimester | Any Use, 3rd Trimester | Use in the 90 Days Post-pregnancy | Use in the 91 - 183 Days Post-pregnancy |
|--|--|--|--------------------------------|---------------------------|---------------------------|---------------------------|---|---|
| | 2,205,383 | 2,205,383 | 2,205,383 | 2,205,383 | 2,205,383 | 2,203,324 | 2,205,383 | 2,205,383 |
| Total of Episodes | (100.0%) | (100.0%) | (100.0%) | (100.0%) | (100.0%) | (100.0%%) | (100.0%) | (100.0%) |
| Drug of Interest | | | | | | | | |
| Any multiple sclerosis drugs | 2,673 (0.12%) | 2,772 (0.13%) | 3,503 (0.16%) | 3,000 (0.14%) | 3,101 (0.14%) | 3,188 (0.14%%) | 3,226 (0.15%) | 3,273 (0.15%) |
| Dalfampridine | 31 (0.00%) | 30 (0.00%) | 59 (0.00%) | 38 (0.00%) | 50 (0.00%) | 51 (0.00%%) | 53 (0.00%) | 60 (0.00%) |
| Dimethyl fumarate | 135 (0.01%) | 164 (0.01%) | 298 (0.01%) | 195 (0.01%) | 227 (0.01%) | 263 (0.01%%) | 279 (0.01%) | 296 (0.01%) |
| Fingolimod | 122 (0.01%) | 126 (0.01%) | 212 (0.01%) | 158 (0.01%) | 175 (0.01%) | 195 (0.01%%) | 200 (0.01%) | 224 (0.01%) |
| Glatiramer acetate | 898 (0.04%) | 931 (0.04%) | 1,214 (0.06%) | 979 (0.04%) | 1,023 (0.05%) | 1,038 (0.05%%) | 1,050 (0.05%) | 1,070 (0.05%) |
| Interferon beta-1a with or without albumin | 1,086 (0.05%) | 1,089 (0.05%) | 1,349 (0.06%) | 1,171 (0.05%) | 1,175 (0.05%) | 1,158 (0.05%%) | 1,144 (0.05%) | 1,135 (0.05%) |
| Interferon beta-1b | 260 (0.01%) | 272 (0.01%) | 353 (0.02%) | 289 (0.01%) | 294 (0.01%) | 296 (0.01%%) | 278 (0.01%) | 267 (0.01%) |
| Peginterferon beta-1a | 0 (0.00%) | 0 (0.00%) | 7 (0.00%) | 0 (0.00%) | 4 (0.00%) | 7 (0.00%%) | 10 (0.00%) | 13 (0.00%) |
| Teriflunomide | 7 (0.00%) | 12 (0.00%) | 30 (0.00%) | 18 (0.00%) | 21 (0.00%) | 27 (0.00%%) | 28 (0.00%) | 33 (0.00%) |
| Alemtuzumab | 0 (0.00%) | 0 (0.00%) | 2 (0.00%) | 1 (0.00%) | 1 (0.00%) | 0 (0.00%%) | 3 (0.00%) | 2 (0.00%) |
| Natalizumab | 217 (0.01%) | 237 (0.01%) | 331 (0.02%) | 256 (0.01%) | 254 (0.01%) | 278 (0.01%%) | 293 (0.01%) | 304 (0.01%) |
| Daclizumab | 0 (0.00%) | 0 (0.00%) | 0 (0.00%) | 0 (0.00%) | 0 (0.00%) | 0 (0.00%%) | 0 (0.00%) | 0 (0.00%) |
| Mitoxantrone | 13 (0.00%) | 15 (0.00%) | 23 (0.00%) | 17 (0.00%) | 17 (0.00%) | 10 (0.00%%) | 10 (0.00%) | 9 (0.00%) |

¹Trimester time periods in the non-pregnant cohort are determined by the corresponding trimester period in each woman's matched pregnant comparator.

²Women in non-pregnant cohort may be pregnant at some point during the request period. Women were eligible for the non-pregnant cohort if they had no evidence of a live-born delivery during the time period of their matched comparator's pregnancy.



Table 3. Prevalence of Multiple Sclerosis (MS) Drug Use among Women with Live-Birth Deliveries in the Sentinel Distributed Database, by Maternal Age at Delivery

| Pregnant Cohort | 15-19 years | 20-24 years | 25-29 years | 30-34 years | 35-39 years | 40-44 years | 45-49 years |
|--|-------------|-------------|-------------|-------------|------------------|-----------------|-------------|
| | 116,609 | 289,734 | 547,521 | 743,631 | | | 8,379 |
| Number of Pregnancies | (100.0%) | (100.0%) | (100.0%) | (100.0%) | 406,602 (100.0%) | 92,907 (100.0%) | (100.0%) |
| Drug of Interest | | | | | | | |
| Any multiple sclerosis drugs | 7 (0.01%) | 54 (0.02%) | 211 (0.04%) | 384 (0.05%) | 273 (0.07%) | 69 (0.07%) | 13 (0.16%) |
| Dalfampridine | 0 (0.00%) | 0 (0.00%) | 0 (0.00%) | 2 (0.00%) | 2 (0.00%) | 1 (0.00%) | 1 (0.01%) |
| Dimethyl fumarate | 1 (0.00%) | 0 (0.00%) | 9 (0.00%) | 20 (0.00%) | 15 (0.00%) | 6 (0.01%) | 0 (0.00%) |
| Fingolimod | 0 (0.00%) | 2 (0.00%) | 2 (0.00%) | 11 (0.00%) | 2 (0.00%) | 1 (0.00%) | 2 (0.02%) |
| Glatiramer acetate | 0 (0.00%) | 23 (0.01%) | 98 (0.02%) | 190 (0.03%) | 153 (0.04%) | 32 (0.03%) | 5 (0.06%) |
| Interferon beta-1a with or without albumin | 2 (0.00%) | 25 (0.01%) | 69 (0.01%) | 112 (0.02%) | 73 (0.02%) | 21 (0.02%) | 5 (0.06%) |
| Interferon beta-1b | 3 (0.00%) | 3 (0.00%) | 19 (0.00%) | 32 (0.00%) | 15 (0.00%) | 6 (0.01%) | 0 (0.00%) |
| Peginterferon beta-1a | 0 (0.00%) | 0 (0.00%) | 0 (0.00%) | 0 (0.00%) | 0 (0.00%) | 0 (0.00%) | 0 (0.00%) |
| Teriflunomide | 0 (0.00%) | 0 (0.00%) | 0 (0.00%) | 1 (0.00%) | 1 (0.00%) | 0 (0.00%) | 0 (0.00%) |
| Alemtuzumab | 0 (0.00%) | 0 (0.00%) | 0 (0.00%) | 0 (0.00%) | 0 (0.00%) | 0 (0.00%) | 0 (0.00%) |
| Natalizumab | 1 (0.00%) | 3 (0.00%) | 16 (0.00%) | 22 (0.00%) | 14 (0.00%) | 4 (0.00%) | 1 (0.01%) |
| Daclizumab | 0 (0.00%) | 0 (0.00%) | 0 (0.00%) | 0 (0.00%) | 0 (0.00%) | 0 (0.00%) | 0 (0.00%) |
| Mitoxantrone | 0 (0.00%) | 0 (0.00%) | 0 (0.00%) | 0 (0.00%) | 0 (0.00%) | 0 (0.00%) | 0 (0.00%) |



Table 4. Prevalence of Multiple Sclerosis (MS) Drug Use among Non-Pregnant Cohort in the Sentinel Distributed Database, by Age at Matched Comparator's Delivery

| Non-Pregnant Cohort ^{1,2} | 15-19 years | 20-24 years | 25-29 years | 30-34 years | 35-39 years | 40-44 years | 45-49 years |
|--|-------------|-------------|-------------|---------------|------------------|-----------------|-------------|
| | 116,609 | 289,734 | 547,521 | 743,631 | | | 8,379 |
| Number of Episodes | (100.0%) | (100.0%) | (100.0%) | (100.0%) | 406,602 (100.0%) | 92,907 (100.0%) | (100.0%) |
| Drug of Interest | | | | | | | |
| Any multiple sclerosis drugs | 12 (0.01%) | 133 (0.05%) | 642 (0.12%) | 1,414 (0.19%) | 957 (0.24%) | 314 (0.34%) | 31 (0.37%) |
| Dalfampridine | 0 (0.00%) | 2 (0.00%) | 4 (0.00%) | 18 (0.00%) | 24 (0.01%) | 10 (0.01%) | 1 (0.01%) |
| Dimethyl fumarate | 0 (0.00%) | 7 (0.00%) | 58 (0.01%) | 134 (0.02%) | 68 (0.02%) | 30 (0.03%) | 1 (0.01%) |
| Fingolimod | 1 (0.00%) | 4 (0.00%) | 37 (0.01%) | 94 (0.01%) | 64 (0.02%) | 10 (0.01%) | 2 (0.02%) |
| Glatiramer acetate | 1 (0.00%) | 31 (0.01%) | 225 (0.04%) | 502 (0.07%) | 336 (0.08%) | 111 (0.12%) | 8 (0.10%) |
| Interferon beta-1a with or without albumin | 6 (0.01%) | 68 (0.02%) | 254 (0.05%) | 514 (0.07%) | 362 (0.09%) | 129 (0.14%) | 16 (0.19%) |
| Interferon beta-1b | 2 (0.00%) | 14 (0.00%) | 66 (0.01%) | 146 (0.02%) | 94 (0.02%) | 28 (0.03%) | 3 (0.04%) |
| Peginterferon beta-1a | 0 (0.00%) | 0 (0.00%) | 0 (0.00%) | 3 (0.00%) | 4 (0.00%) | 0 (0.00%) | 0 (0.00%) |
| Teriflunomide | 0 (0.00%) | 1 (0.00%) | 3 (0.00%) | 10 (0.00%) | 12 (0.00%) | 4 (0.00%) | 0 (0.00%) |
| Alemtuzumab | 0 (0.00%) | 1 (0.00%) | 0 (0.00%) | 0 (0.00%) | 0 (0.00%) | 1 (0.00%) | 0 (0.00%) |
| Natalizumab | 2 (0.00%) | 16 (0.01%) | 54 (0.01%) | 141 (0.02%) | 93 (0.02%) | 24 (0.03%) | 1 (0.01%) |
| Daclizumab | 0 (0.00%) | 0 (0.00%) | 0 (0.00%) | 0 (0.00%) | 0 (0.00%) | 0 (0.00%) | 0 (0.00%) |
| Mitoxantrone | 0 (0.00%) | 7 (0.00%) | 6 (0.00%) | 5 (0.00%) | 4 (0.00%) | 1 (0.00%) | 0 (0.00%) |

¹Age at delivery for the non-pregnant cohort is defined as age at the time of each woman's matched pregnant comparator's live-birth delivery date. Both matched women should be the same (integer) age at the time of the pregnant woman's delivery.

²Women in non-pregnant cohort may be pregnant at some point during the request period. Women were eligible for the non-pregnant cohort if they had no evidence of a live-born delivery during the time period of their matched comparator's pregnancy.



Table 5. Prevalence of Multiple Sclerosis (MS) Drug Use among Women with Live-Birth Deliveries in the Sentinel Distributed Database, by Calendar Year of Delivery

| Pregnant Cohort | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 |
|--|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|-------------------|
| Number of Pregnancies | 36,320 (100.0%) | 53,949 (100.0%) | 53,926 (100.0%) | 53,408 (100.0%) | 55,750 (100.0%) | 58,082 (100.0%) | 102,831 (100.0%) | 124,258 (100.0%) | 199,623 (100.0%) | 225,349 (100.0%) | 217,112 (100.0%) | 212,535 (100.0%) | 215,030 (100.0%) | 220,479 (100.0%) | 222,415 (100.0%) | 150,982 (100.0%) | 3,334 (100.0%) |
| Drug of Interest | (100.070) | (100.070) | (100.070) | (100.070) | (100.070) | (100.070) | (100.070) | (100.070) | (100.070) | (100.070) | (100.070) | (100.070) | (100.070) | (100.070) | (100.070) | (100.070) | (100.070) |
| Any multiple sclerosis drugs | 5 (0.01%) | 7 (0.01%) | 15 (0.03% |) 12 (0.02%) | 19 (0.03%) | 18 (0.03%) | 47 (0.05%) | 72 (0.06%) | 71 (0.04%) | 113 (0.05%) | 110 (0.05%) | 113 (0.05%) |) 104 (0.05% |) 110 (0.05%) | 113 (0.05%) | 80 (0.05%) | 2 (0.06%) |
| Dalfampridine | 0 (0.00%) | 0 (0.00%) | 0 (0.00%) | 0 (0.00%) | 0 (0.00%) | 0 (0.00%) | 0 (0.00%) | 0 (0.00%) | 0 (0.00%) | 0 (0.00%) | 1 (0.00%) | 2 (0.00%) | 0 (0.00%) | 2 (0.00%) | 0 (0.00%) | 1 (0.00%) | 0 (0.00%) |
| Dimethyl fumarate | 0 (0.00%) | 0 (0.00%) | 0 (0.00%) | 0 (0.00%) | 0 (0.00%) | 0 (0.00%) | 0 (0.00%) | 0 (0.00%) | 0 (0.00%) | 0 (0.00%) | 0 (0.00%) | 0 (0.00%) | 1 (0.00%) | 16 (0.01%) | 16 (0.01%) | 18 (0.01%) | 0 (0.00%) |
| Fingolimod | 0 (0.00%) | 0 (0.00%) | 0 (0.00%) | 0 (0.00%) | 0 (0.00%) | 0 (0.00%) | 0 (0.00%) | 0 (0.00%) | 0 (0.00%) | 0 (0.00%) | 1 (0.00%) | 4 (0.00%) | 2 (0.00%) | 4 (0.00%) | 6 (0.00%) | 3 (0.00%) | 0 (0.00%) |
| Glatiramer acetate | 1 (0.00%) | 0 (0.00%) | 6 (0.01%) | 9 (0.02%) | 12 (0.02%) | 8 (0.01%) | 18 (0.02%) | 33 (0.03%) | 39 (0.02%) | 57 (0.03%) | 51 (0.02%) | 49 (0.02%) | 55 (0.03%) | 62 (0.03%) | 58 (0.03%) | 43 (0.03%) | 0 (0.00%) |
| Interferon beta-1a with or without albumin | 4 (0.01%) | 6 (0.01%) | 7 (0.01%) | 3 (0.01%) | 6 (0.01%) | 8 (0.01%) | 24 (0.02%) | 29 (0.02%) | 24 (0.01%) | 42 (0.02%) | 39 (0.02%) | 41 (0.02%) | 27 (0.01%) | 20 (0.01%) | 18 (0.01%) | 8 (0.01%) | 1 (0.03%) |
| Interferon beta-1b | 0 (0.00%) | 1 (0.00%) | 2 (0.00%) | 0 (0.00%) | 1 (0.00%) | 2 (0.00%) | 5 (0.00%) | 8 (0.01%) | 3 (0.00%) | 11 (0.00%) | 10 (0.00%) | 13 (0.01%) | 13 (0.01%) | 3 (0.00%) | 3 (0.00%) | 2 (0.00%) | 1 (0.03%) |
| Peginterferon beta-1a | 0 (0.00%) | 0 (0.00%) | 0 (0.00%) | 0 (0.00%) | 0 (0.00%) | 0 (0.00%) | 0 (0.00%) | 0 (0.00%) | 0 (0.00%) | 0 (0.00%) | 0 (0.00%) | 0 (0.00%) | 0 (0.00%) | 0 (0.00%) | 0 (0.00%) | 0 (0.00%) | 0 (0.00%) |
| Teriflunomide | 0 (0.00%) | 0 (0.00%) | 0 (0.00%) | 0 (0.00%) | 0 (0.00%) | 0 (0.00%) | 0 (0.00%) | 0 (0.00%) | 0 (0.00%) | 0 (0.00%) | 0 (0.00%) | 0 (0.00%) | 0 (0.00%) | 0 (0.00%) | 0 (0.00%) | 2 (0.00%) | 0 (0.00%) |
| Alemtuzumab | 0 (0.00%) | 0 (0.00%) | 0 (0.00%) | 0 (0.00%) | 0 (0.00%) | 0 (0.00%) | 0 (0.00%) | 0 (0.00%) | 0 (0.00%) | 0 (0.00%) | 0 (0.00%) | 0 (0.00%) | 0 (0.00%) | 0 (0.00%) | 0 (0.00%) | 0 (0.00%) | 0 (0.00%) |
| Natalizumab | 0 (0.00%) | 0 (0.00%) | 0 (0.00%) | 0 (0.00%) | 0 (0.00%) | 0 (0.00%) | 0 (0.00%) | 2 (0.00%) | 6 (0.00%) | 4 (0.00%) | 9 (0.00%) | 6 (0.00%) | 8 (0.00%) | 6 (0.00%) | 13 (0.01%) | 7 (0.00%) | 0 (0.00%) |
| Daclizumab | 0 (0.00%) | 0 (0.00%) | 0 (0.00%) | 0 (0.00%) | 0 (0.00%) | 0 (0.00%) | 0 (0.00%) | 0 (0.00%) | 0 (0.00%) | 0 (0.00%) | 0 (0.00%) | 0 (0.00%) | 0 (0.00%) | 0 (0.00%) | 0 (0.00%) | 0 (0.00%) | 0 (0.00%) |
| Mitoxantrone | 0 (0.00%) | 0 (0.00%) | 0 (0.00%) | 0 (0.00%) | 0 (0.00%) | 0 (0.00%) | 0 (0.00%) | 0 (0.00%) | 0 (0.00%) | 0 (0.00%) | 0 (0.00%) | 0 (0.00%) | 0 (0.00%) | 0 (0.00%) | 0 (0.00%) | 0 (0.00%) | 0 (0.00%) |
| | | | | | | | | | | | | | | | | | |



Table 6. Prevalence of Multiple Sclerosis (MS) Drug Use among Non-Pregnant Cohort in the Sentinel Distributed Database, by Calendar Year of Matched Comparator's Delivery

| Non-Pregnant Cohort ^{1,2} | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 |
|--|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|-------------------|
| Number of Episodes | 36,320 (100.0%) | 53,949 (100.0%) | 53,926 (100.0%) | 53,408 (100.0%) | 55,750 (100.0%) | 58,082 (100.0%) | 102,831 (100.0%) | 124,258 (100.0%) | 199,623 (100.0%) | 225,349 (100.0%) | 217,112 (100.0%) | 212,535 (100.0%) | 215,030 (100.0%) | 220,479 (100.0%) | 222,415 (100.0%) | 150,982 (100.0%) | 3,334 (100.0%) |
| Drug of Interest | | | | | | | | | | | | | | | | | |
| Any multiple sclerosis drugs | 36 (0.10%) | 75 (0.14%) | 84 (0.16%) |) 89 (0.17%) | 75 (0.13%) | 83 (0.14%) | 135 (0.13% | 206 (0.17% | 328 (0.16%) | 333 (0.15%) | 344 (0.16%) | 356 (0.17%) | 367 (0.17%) | 377 (0.17%) | 357 (0.16%) | 254 (0.17% | 5) 4 (0.12%) |
| Dalfampridine | 0 (0.00%) | 0 (0.00%) | 0 (0.00%) | 0 (0.00%) | 0 (0.00%) | 0 (0.00%) | 0 (0.00%) | 0 (0.00%) | 0 (0.00%) | 6 (0.00%) | 11 (0.01%) | 7 (0.00%) | 10 (0.00%) | 9 (0.00%) | 6 (0.00%) | 10 (0.01%) | 0 (0.00%) |
| Dimethyl fumarate | 0 (0.00%) | 0 (0.00%) | 0 (0.00%) | 0 (0.00%) | 0 (0.00%) | 0 (0.00%) | 0 (0.00%) | 0 (0.00%) | 0 (0.00%) | 0 (0.00%) | 0 (0.00%) | 0 (0.00%) | 42 (0.02%) | 92 (0.04%) | 92 (0.04%) | 70 (0.05%) | 2 (0.06%) |
| Fingolimod | 0 (0.00%) | 0 (0.00%) | 0 (0.00%) | 0 (0.00%) | 0 (0.00%) | 0 (0.00%) | 0 (0.00%) | 0 (0.00%) | 0 (0.00%) | 0 (0.00%) | 16 (0.01%) | 26 (0.01%) | 37 (0.02%) | 40 (0.02%) | 47 (0.02%) | 46 (0.03%) | 0 (0.00%) |
| Glatiramer acetate Interferon beta-1a | 10 (0.03%) | 24 (0.04%) | 27 (0.05%) |) 29 (0.05%) | 27 (0.05%) | 39 (0.07%) | 41 (0.04%) | 72 (0.06%) | 126 (0.06%) |) 137 (0.06%) | 145 (0.07%) | 120 (0.06%) | 125 (0.06%) |) 118 (0.05%) | 104 (0.05%) | 68 (0.05%) | 2 (0.06%) |
| with or without albumin | 14 (0.04%) | 36 (0.07%) | 44 (0.08%) |) 51 (0.10%) | 42 (0.08%) | 38 (0.07%) | 73 (0.07%) | 105 (0.08%) | 152 (0.08%) | 145 (0.06%) | 146 (0.07%) | 155 (0.07%) | 123 (0.06%) | 108 (0.05%) | 76 (0.03%) | 41 (0.03%) | 0 (0.00%) |
| Interferon beta-1b | 12 (0.03%) | 18 (0.03%) | 14 (0.03%) |) 16 (0.03%) | 10 (0.02%) | 11 (0.02%) | 24 (0.02%) | 34 (0.03%) | 50 (0.03%) | 34 (0.02%) | 34 (0.02%) | 38 (0.02%) | 22 (0.01%) | 13 (0.01%) | 14 (0.01%) | 9 (0.01%) | 0 (0.00%) |
| Peginterferon beta-1a | 0 (0.00%) | 0 (0.00%) | 0 (0.00%) | 0 (0.00%) | 0 (0.00%) | 0 (0.00%) | 0 (0.00%) | 0 (0.00%) | 0 (0.00%) | 0 (0.00%) | 0 (0.00%) | 0 (0.00%) | 0 (0.00%) | 0 (0.00%) | 4 (0.00%) | 3 (0.00%) | 0 (0.00%) |
| Teriflunomide | 0 (0.00%) | 0 (0.00%) | 0 (0.00%) | 0 (0.00%) | 0 (0.00%) | 0 (0.00%) | 0 (0.00%) | 0 (0.00%) | 0 (0.00%) | 0 (0.00%) | 0 (0.00%) | 0 (0.00%) | 9 (0.00%) | 8 (0.00%) | 7 (0.00%) | 6 (0.00%) | 0 (0.00%) |
| Alemtuzumab | 0 (0.00%) | 0 (0.00%) | 0 (0.00%) | 0 (0.00%) | 0 (0.00%) | 0 (0.00%) | 0 (0.00%) | 1 (0.00%) | 0 (0.00%) | 0 (0.00%) | 0 (0.00%) | 0 (0.00%) | 0 (0.00%) | 0 (0.00%) | 0 (0.00%) | 1 (0.00%) | 0 (0.00%) |
| Natalizumab | 0 (0.00%) | 0 (0.00%) | 0 (0.00%) | 0 (0.00%) | 1 (0.00%) | 0 (0.00%) | 9 (0.01%) | 8 (0.01%) | 25 (0.01%) | 36 (0.02%) | 37 (0.02%) | 36 (0.02%) | 56 (0.03%) | 46 (0.02%) | 52 (0.02%) | 25 (0.02%) | 0 (0.00%) |
| Daclizumab | 0 (0.00%) | 0 (0.00%) | 0 (0.00%) | 0 (0.00%) | 0 (0.00%) | 0 (0.00%) | 0 (0.00%) | 0 (0.00%) | 0 (0.00%) | 0 (0.00%) | 0 (0.00%) | 0 (0.00%) | 0 (0.00%) | 0 (0.00%) | 0 (0.00%) | 0 (0.00%) | 0 (0.00%) |
| Mitoxantrone | 1 (0.00%) | 4 (0.01%) | 3 (0.01%) | 4 (0.01%) | 0 (0.00%) | 1 (0.00%) | 4 (0.00%) | 1 (0.00%) | 1 (0.00%) | 1 (0.00%) | 0 (0.00%) | 1 (0.00%) | 0 (0.00%) | 0 (0.00%) | 1 (0.00%) | 1 (0.00%) | 0 (0.00%) |

¹Calendar year of delivery for the non-pregnant cohort is defined as the year of each woman's matched pregnant comparator's live-birth delivery date.

²Women in non-pregnant cohort may be pregnant at some point during the request period. Women were eligible for the non-pregnant cohort if they had no evidence of a live-born delivery during the time period of their matched comparator's pregnancy.



Table 7. Sensitivity Analysis of the Total Number of Eligible Pregnant Women, Pregnancy Episodes, and Women of Reproductive age with Multiple Sclerosis Drug Use, in the Sentinel Distributed Database, from January 1, 2001 to August 31, 2017

| Characteristics | Number |
|--|-----------|
| Total unique women with a pregnancy episode | 4,343,347 |
| Total unique pregnancy episodes | 5,345,592 |
| Total women of reproductive age exposed to any multiple sclerosis drug | 81,066 |
| Dalfampridine | 4,184 |
| Dimethyl fumarate | 11,465 |
| Fingolimod | 6,997 |
| Glatiramer acetate | 32,656 |
| Interferon beta-1a with or without albumin | 31,481 |
| Interferon beta-1b | 8,262 |
| Peginterferon beta-1a | 627 |
| Teriflunomide | 2,466 |
| Alemtuzumab | 355 |
| Natalizumab | 9,706 |
| Daclizumab | 39 |
| Mitoxantrone | 795 |



Appendix A. Dates of Available Data for Each Data Partner (DP) as of Request Distribution Date (November 20, 2017)

| Data Partner ID | Start Date ¹ | End Date ¹ |
|-----------------|-------------------------|-----------------------|
| DP001 | 1/1/2008 | 3/31/2017 |
| DP002 | 1/1/2012 | 6/30/2016 |
| DP003 | 1/1/2006 | 4/30/2017 |
| DP004 | 1/1/2000 | 7/31/2017 |
| DP005 | 1/1/2000 | 6/30/2016 |
| DP006 | 1/1/2000 | 1/31/2017 |
| DP007 | 1/1/2000 | 5/31/2015 |
| DP008 | 6/1/2007 | 10/31/2014 |
| DP009 | 1/1/2000 | 1/31/2017 |
| DP010 | 1/1/2000 | 3/31/2017 |
| DP011 | 1/1/2005 | 7/31/2017 |
| DP012 | 1/1/2000 | 3/31/2017 |
| DP013 | 1/1/2000 | 7/31/2017 |
| DP014 | 1/1/2004 | 8/31/2017 |
| DP015 | 1/1/2008 | 12/31/2016 |
| DP016 | 1/1/2000 | 12/31/2015 |

¹Start Date and End Date are first calculated by individual table (enrollment, dispensing, etc). End Date is defined as the greatest year-month with a record count that is within 80% of the previous year-month. After Start Date and End Dates are calculated by individual tables, the overall End Date is the minimum of all the table End Dates.



Appendix B. 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 the Gestational Age Algorithm in this Request

| | | Duration | | Priority | - | |
|--------|-----------|----------|---|----------|---------|----------|
| Code | Code Type | (Days) | Description | Group 1 | Group 2 | Priority |
| | | | | | | |
| 048.1 | ICD-10-CM | 294 | Prolonged pregnancy | 0 | 1 | 1 |
| P08.22 | ICD-10-CM | 294 | Prolonged gestation of newborn | 0 | 1 | 1 |
| Z3A.49 | ICD-10-CM | 301 | Greater than 42 weeks gestation of pregnancy | 1 | 0 | 1 |
| 048.0 | ICD-10-CM | 287 | Post-term pregnancy | 0 | 1 | 2 |
| P08.21 | ICD-10-CM | 287 | Post-term newborn | 0 | 1 | 2 |
| Z3A.42 | ICD-10-CM | 298 | 42 weeks gestation of pregnancy | 1 | 0 | 2 |
| Z3A.41 | ICD-10-CM | 291 | 41 weeks gestation of pregnancy | 1 | 0 | 3 |
| Z3A.40 | ICD-10-CM | 284 | 40 weeks gestation of pregnancy | 1 | 0 | 4 |
| Z3A.39 | ICD-10-CM | 277 | 39 weeks gestation of pregnancy | 1 | 0 | 5 |
| Z3A.38 | ICD-10-CM | 270 | 38 weeks gestation of pregnancy | 1 | 0 | 6 |
| Z3A.37 | ICD-10-CM | 263 | 37 weeks gestation of pregnancy | 1 | 0 | 7 |
| P07.39 | ICD-10-CM | 256 | Preterm newborn, gestational age 36 completed weeks | 1 | 0 | 8 |
| Z3A.36 | ICD-10-CM | 256 | 36 weeks gestation of pregnancy | 1 | 0 | 8 |
| P07.38 | ICD-10-CM | 249 | Preterm newborn, gestational age 35 completed weeks | 1 | 0 | 9 |
| Z3A.35 | ICD-10-CM | 249 | 35 weeks gestation of pregnancy | 1 | 0 | 9 |
| P07.37 | ICD-10-CM | 242 | Preterm newborn, gestational age 34 completed weeks | 1 | 0 | 10 |
| Z3A.34 | ICD-10-CM | 242 | 34 weeks gestation of pregnancy | 1 | 0 | 10 |
| P07.36 | ICD-10-CM | 235 | Preterm newborn, gestational age 33 completed weeks | 1 | 0 | 11 |
| Z3A.33 | ICD-10-CM | 235 | 33 weeks gestation of pregnancy | 1 | 0 | 11 |
| P07.35 | ICD-10-CM | 228 | Preterm newborn, gestational age 32 completed weeks | 1 | 0 | 12 |
| Z3A.32 | ICD-10-CM | 228 | 32 weeks gestation of pregnancy | 1 | 0 | 12 |
| P07.34 | ICD-10-CM | 221 | Preterm newborn, gestational age 31 completed weeks | 1 | 0 | 13 |
| Z3A.31 | ICD-10-CM | 221 | 31 weeks gestation of pregnancy | 1 | 0 | 13 |
| P07.33 | ICD-10-CM | 214 | Preterm newborn, gestational age 30 completed weeks | 1 | 0 | 14 |
| Z3A.30 | ICD-10-CM | 214 | 30 weeks gestation of pregnancy | 1 | 0 | 14 |
| P07.32 | ICD-10-CM | 207 | Preterm newborn, gestational age 29 completed weeks | 1 | 0 | 15 |
| Z3A.29 | ICD-10-CM | 207 | 29 weeks gestation of pregnancy | 1 | 0 | 15 |
| P07.31 | ICD-10-CM | 200 | Preterm newborn, gestational age 28 completed weeks | 1 | 0 | 16 |
| Z3A.28 | ICD-10-CM | 200 | 28 weeks gestation of pregnancy | 1 | 0 | 16 |
| P07.26 | ICD-10-CM | 193 | Extreme immaturity of newborn, gestational age 27 completed weeks | 1 | 0 | 17 |
| Z3A.27 | ICD-10-CM | 193 | 27 weeks gestation of pregnancy | 1 | 0 | 17 |
| P07.25 | ICD-10-CM | 186 | Extreme immaturity of newborn, gestational age 26 completed weeks | 1 | 0 | 18 |
| Z3A.26 | ICD-10-CM | 186 | 26 weeks gestation of pregnancy | 1 | 0 | 18 |
| P07.24 | ICD-10-CM | 179 | Extreme immaturity of newborn, gestational age 25 completed weeks | 1 | 0 | 19 |
| Z3A.25 | ICD-10-CM | 179 | 25 weeks gestation of pregnancy | 1 | 0 | 19 |
| P07.23 | ICD-10-CM | 172 | Extreme immaturity of newborn, gestational age 24 completed weeks | 1 | 0 | 20 |
| Z3A.24 | ICD-10-CM | 172 | 24 weeks gestation of pregnancy | 1 | 0 | 20 |
| P07.22 | ICD-10-CM | 165 | Extreme immaturity of newborn, gestational age 23 completed weeks | 1 | 0 | 21 |
| Z3A.23 | ICD-10-CM | 165 | 23 weeks gestation of pregnancy | 1 | 0 | 21 |
| P07.21 | ICD-10-CM | 158 | Extreme immaturity of newborn, gestational age less than 23 completed weeks | 1 | 0 | 22 |



Appendix B. 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 the Gestational Age Algorithm in this Request

| | | Duration | | Priority | Priority | |
|----------|-----------|----------|---|----------|----------|----------|
| Code | Code Type | (Days) | Description | Group 1 | Group 2 | Priority |
| | | | | | | - |
| Z3A.22 | ICD-10-CM | 158 | 22 weeks gestation of pregnancy | 1 | 0 | 22 |
| Z3A.21 | ICD-10-CM | 151 | 21 weeks gestation of pregnancy | 1 | 0 | 23 |
| Z3A.20 | ICD-10-CM | 144 | 20 weeks gestation of pregnancy | 1 | 0 | 24 |
| P07.20 | ICD-10-CM | 196 | Extreme immaturity of newborn, unspecified weeks of gestation | 1 | 0 | 25 |
| O60.13X0 | ICD-10-CM | 245 | Preterm labor second trimester with preterm delivery third trimester | 1 | 0 | 26 |
| O60.13X1 | ICD-10-CM | 245 | Preterm labor second trimester with preterm delivery third trimester | 1 | 0 | 26 |
| O60.13X2 | ICD-10-CM | 245 | Preterm labor second trimester with preterm delivery third trimester | 1 | 0 | 26 |
| O60.13X3 | ICD-10-CM | 245 | Preterm labor second trimester with preterm delivery third trimester | 1 | 0 | 26 |
| O60.13X4 | ICD-10-CM | 245 | Preterm labor second trimester with preterm delivery third trimester | 1 | 0 | 26 |
| O60.13X5 | ICD-10-CM | 245 | Preterm labor second trimester with preterm delivery third trimester | 1 | 0 | 26 |
| O60.13X9 | ICD-10-CM | 245 | Preterm labor second trimester with preterm delivery third trimester | 1 | 0 | 26 |
| O60.14X0 | ICD-10-CM | 245 | Preterm labor third trimester with preterm delivery third trimester | 1 | 0 | 26 |
| O60.14X1 | ICD-10-CM | 245 | Preterm labor third trimester with preterm delivery third trimester | 1 | 0 | 26 |
| O60.14X2 | ICD-10-CM | 245 | Preterm labor third trimester with preterm delivery third trimester | 1 | 0 | 26 |
| O60.14X3 | ICD-10-CM | 245 | Preterm labor third trimester with preterm delivery third trimester | 1 | 0 | 26 |
| O60.14X4 | ICD-10-CM | 245 | Preterm labor third trimester with preterm delivery third trimester | 1 | 0 | 26 |
| O60.14X5 | ICD-10-CM | 245 | Preterm labor third trimester with preterm delivery third trimester | 1 | 0 | 26 |
| O60.14X9 | ICD-10-CM | 245 | Preterm labor third trimester with preterm delivery third trimester | 1 | 0 | 26 |
| P07.30 | ICD-10-CM | 245 | Preterm newborn, unspecified weeks of gestation | 1 | 0 | 26 |
| O60.12X0 | ICD-10-CM | 168 | Preterm labor second trimester with preterm delivery second trimester | 1 | 0 | 27 |
| O60.12X1 | ICD-10-CM | 168 | Preterm labor second trimester with preterm delivery second trimester | 1 | 0 | 27 |
| O60.12X2 | ICD-10-CM | 168 | Preterm labor second trimester with preterm delivery second trimester | 1 | 0 | 27 |
| O60.12X3 | ICD-10-CM | 168 | Preterm labor second trimester with preterm delivery second trimester | 1 | 0 | 27 |
| O60.12X4 | ICD-10-CM | 168 | Preterm labor second trimester with preterm delivery second trimester | 1 | 0 | 27 |
| O60.12X5 | ICD-10-CM | 168 | Preterm labor second trimester with preterm delivery second trimester | 1 | 0 | 27 |
| O60.12X9 | ICD-10-CM | 168 | Preterm labor second trimester with preterm delivery second trimester | 1 | 0 | 27 |
| 645.2 | ICD-9-CM | 294 | Prolonged pregnancy | 0 | 1 | 28 |
| 645.21 | ICD-9-CM | 294 | Prolonged pregnancy | 0 | 1 | 28 |
| 645.23 | ICD-9-CM | 294 | Prolonged pregnancy | 0 | 1 | 28 |
| 765.28 | ICD-9-CM | 252 | 35-36 completed weeks of gestation | 1 | 0 | 28 |
| 766.22 | ICD-9-CM | 294 | Prolonged gestation of infant | 0 | 1 | 28 |
| 645.1 | ICD-9-CM | 287 | Post term pregnancy | 0 | 1 | 29 |
| 645.11 | ICD-9-CM | 287 | Post term pregnancy | 0 | 1 | 29 |
| 645.13 | ICD-9-CM | 287 | Post term pregnancy | 0 | 1 | 29 |
| 765.27 | ICD-9-CM | 238 | 33-34 completed weeks of gestation | 1 | 0 | 29 |
| 766.21 | ICD-9-CM | 287 | Post-term infant | 0 | 1 | 29 |
| 765.26 | ICD-9-CM | 224 | 31-32 completed weeks of gestation | 1 | 0 | 30 |
| 765.25 | ICD-9-CM | 210 | 29-30 completed weeks of gestation | 1 | 0 | 31 |
| 765.24 | ICD-9-CM | 196 | 27-28 completed weeks of gestation | 1 | 0 | 32 |
| 765.23 | ICD-9-CM | 182 | 25-26 completed weeks of gestation | 1 | 0 | 33 |
| 765.21 | ICD-9-CM | 168 | Less than 24 completed weeks of gestation | 1 | 0 | 34 |



Appendix B. 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 the Gestational Age Algorithm in this Request

| | | Duration | 1 | Priority | Priority | |
|--------|-----------|----------|---|----------|----------|----------|
| Code | Code Type | (Days) | Description | Group 1 | Group 2 | Priority |
| | | | | | | |
| 765.22 | ICD-9-CM | 168 | 24 completed weeks of gestation | 1 | 0 | 34 |
| 765.00 | ICD-9-CM | 196 | Extreme immaturity, by weight | 1 | 0 | 35 |
| 765.01 | ICD-9-CM | 196 | Extreme immaturity, by weight | 1 | 0 | 35 |
| 765.02 | ICD-9-CM | 196 | Extreme immaturity, by weight | 1 | 0 | 35 |
| 765.03 | ICD-9-CM | 196 | Extreme immaturity, by weight | 1 | 0 | 35 |
| 765.04 | ICD-9-CM | 196 | Extreme immaturity, by weight | 1 | 0 | 35 |
| 765.05 | ICD-9-CM | 196 | Extreme immaturity, by weight | 1 | 0 | 35 |
| 765.06 | ICD-9-CM | 196 | Extreme immaturity, by weight | 1 | 0 | 35 |
| 765.07 | ICD-9-CM | 196 | Extreme immaturity, by weight | 1 | 0 | 35 |
| 765.08 | ICD-9-CM | 196 | Extreme immaturity, by weight | 1 | 0 | 35 |
| 765.09 | ICD-9-CM | 196 | Extreme immaturity, by weight | 1 | 0 | 35 |
| 644.21 | ICD-9-CM | 245 | Early onset of delivery, delivered, with or without mention of antepartum condition | 1 | 0 | 36 |
| 765.1 | ICD-9-CM | 245 | Other preterm infants, by weight | 1 | 0 | 36 |
| 765.11 | ICD-9-CM | 245 | Other preterm infants, by weight | 1 | 0 | 36 |
| 765.12 | ICD-9-CM | 245 | Other preterm infants, by weight | 1 | 0 | 36 |
| 765.13 | ICD-9-CM | 245 | Other preterm infants, by weight | 1 | 0 | 36 |
| 765.14 | ICD-9-CM | 245 | Other preterm infants, by weight | 1 | 0 | 36 |
| 765.15 | ICD-9-CM | 245 | Other preterm infants, by weight | 1 | 0 | 36 |
| 765.16 | ICD-9-CM | 245 | Other preterm infants, by weight | 1 | 0 | 36 |
| 765.17 | ICD-9-CM | 245 | Other preterm infants, by weight | 1 | 0 | 36 |
| 765.18 | ICD-9-CM | 245 | Other preterm infants, by weight | 1 | 0 | 36 |
| 765.19 | ICD-9-CM | 245 | Other preterm infants, by weight | 1 | 0 | 36 |
| 765.2 | ICD-9-CM | 245 | Unspecified weeks of gestation | 1 | 0 | 36 |



| | | Code | |
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| Code | Code Type | Category | Description |
| | | | |
| 594 | CPT-4 | Procedure | Routine obstetric care including antepartum care, vaginal delivery (with or without episiotomy, and/or forceps) and postpartum care |
| 59409 | CPT-4 | Procedure | Vaginal delivery only (with or without episiotomy and/or forceps) |
| 5941 | CPT-4 | Procedure | Vaginal delivery only (with or without episiotomy and/or forceps); including postpartum |
| 5951 | CPT-4 | Procedure | Routine obstetric care including antepartum care, cesarean delivery, and postpartum care |
| 59514 | CPT-4 | Procedure | Cesarean delivery only |
| 59515 | CPT-4 | Procedure | Cesarean delivery only; including postpartum care |
| 5961 | CPT-4 | Procedure | Routine obstetric care including antepartum care, vaginal delivery (with or without episiotomy, and/or forceps) and postpartum care, after previous cesarean delivery |
| 59612 | CPT-4 | Procedure | Vaginal delivery only, after previous cesarean delivery (with or without episiotomy and/or forceps) |
| 59614 | CPT-4 | Procedure | Vaginal delivery only, after previous cesarean delivery (with or without episiotomy and/or forceps); including postpartum care |
| 59618 | CPT-4 | Procedure | Routine obstetric care including antepartum care, cesarean delivery, and postpartum care, following attempted vaginal delivery after previous cesarean delivery |
| 5962 | CPT-4 | Procedure | Cesarean delivery only, following attempted vaginal delivery after previous cesarean |
| 59622 | CPT-4 | Procedure | Cesarean delivery only, following attempted vaginal delivery after previous cesarean delivery; including postpartum care |
| 650 | ICD-9-CM | Diagnosis | Normal delivery |
| 763 | ICD-9-CM | Diagnosis | Fetus or newborn affected by breech delivery and extraction |
| 763.2 | ICD-9-CM | Diagnosis | Fetus or newborn affected by forceps delivery |
| 763.3 | ICD-9-CM | Diagnosis | Fetus or newborn affected by delivery by vacuum extractor |
| 763.4 | ICD-9-CM | Diagnosis | Fetus or newborn affected by cesarean delivery |
| 763.6 | ICD-9-CM | Diagnosis | Fetus or newborn affected by precipitate delivery |
| 768 | ICD-9-CM | Diagnosis | Fetal death from asphyxia or anoxia before onset of labor or at unspecified time |
| 768.1 | ICD-9-CM | Diagnosis | Fetal death from asphyxia or anoxia during labor |
| 641.01 | ICD-9-CM | Diagnosis | Placenta previa without hemorrhage, with delivery |
| 641.11 | ICD-9-CM | Diagnosis | Hemorrhage from placenta previa, with delivery |
| 641.21 | ICD-9-CM | Diagnosis | Premature separation of placenta, with delivery |
| 641.31 | ICD-9-CM | Diagnosis | Antepartum hemorrhage associated with coagulation defects, with delivery |
| 641.81 | ICD-9-CM | Diagnosis | Other antepartum hemorrhage, with delivery |
| 641.91 | ICD-9-CM | Diagnosis | Unspecified antepartum hemorrhage, with delivery |
| 642.01 | ICD-9-CM | Diagnosis | Benign essential hypertension with delivery |
| 642.02 | ICD-9-CM | Diagnosis | Benign essential hypertension, with delivery, with current postpartum complication |
| 642.11 | ICD-9-CM | Diagnosis | Hypertension secondary to renal disease, with delivery |
| 642.12 | ICD-9-CM | Diagnosis | Hypertension secondary to renal disease, with delivery, with current postpartum complication |
| 642.21 | ICD-9-CM | Diagnosis | Other pre-existing hypertension, with delivery |
| 642.22 | ICD-9-CM | Diagnosis | Other pre-existing hypertension, with delivery, with current postpartum complication |
| 642.31 | ICD-9-CM | Diagnosis | Transient hypertension of pregnancy, with delivery |



| | | Code | |
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| Code | Code Type | Category | Description |
| | | | |
| 642.32 | ICD-9-CM | Diagnosis | Transient hypertension of pregnancy, with delivery, with current postpartum complication |
| | | | |
| 642.41 | ICD-9-CM | Diagnosis | Mild or unspecified pre-eclampsia, with delivery |
| 642.42 | ICD-9-CM | Diagnosis | Mild or unspecified pre-eclampsia, with delivery, with current postpartum complication |
| 642.51 | ICD-9-CM | Diagnosis | Severe pre-eclampsia, with delivery |
| 642.52 | ICD-9-CM | Diagnosis | Severe pre-eclampsia, with delivery, with current postpartum complication |
| 642.61 | ICD-9-CM | Diagnosis | Eclampsia, with delivery |
| 642.62 | ICD-9-CM | Diagnosis | Eclampsia, with delivery, with current postpartum complication |
| 642.71 | ICD-9-CM | Diagnosis | Pre-eclampsia or eclampsia superimposed on pre-existing hypertension, with delivery |
| 642.72 | ICD-9-CM | Diagnosis | Pre-eclampsia or eclampsia superimposed on pre-existing hypertension, with delivery, with |
| | | | current postpartum complication |
| 642.91 | ICD-9-CM | Diagnosis | Unspecified hypertension, with delivery |
| 642.92 | ICD-9-CM | Diagnosis | Unspecified hypertension, with delivery, with current postpartum complication |
| 643.01 | ICD-9-CM | Diagnosis | Mild hyperemesis gravidarum, delivered |
| 643.11 | ICD-9-CM | Diagnosis | Hyperemesis gravidarum with metabolic disturbance, delivered |
| 643.21 | ICD-9-CM | Diagnosis | Late vomiting of pregnancy, delivered |
| 643.81 | ICD-9-CM | Diagnosis | Other vomiting complicating pregnancy, delivered |
| 643.91 | ICD-9-CM | Diagnosis | Unspecified vomiting of pregnancy, delivered |
| 644.21 | ICD-9-CM | Diagnosis | Early onset of delivery, delivered, with or without mention of antepartum condition |
| 645.01 | ICD-9-CM | Diagnosis | Prolonged pregnancy, with delivery |
| 645.11 | ICD-9-CM | Diagnosis | Post term pregnancy, delivered, with or without mention of antepartum condition |
| 645.21 | ICD-9-CM | Diagnosis | Prolonged pregnancy, delivered, with or without mention of antepartum condition |
| 645.22 | ICD-9-CM | Diagnosis | |
| 646.01 | ICD-9-CM | Diagnosis | Papyraceous fetus, delivered, with or without mention of antepartum condition |
| 646.11 | ICD-9-CM | Diagnosis | Edema or excessive weight gain in pregnancy, with delivery, with or without mention of antepartum complication |
| 646.12 | ICD-9-CM | Diagnosis | Edema or excessive weight gain in pregnancy, with delivery, with current postpartum |
| 040.12 | ICD-3-CIVI | Diagnosis | complication |
| 646.21 | ICD-9-CM | Diagnosis | Unspecified renal disease in pregnancy, with delivery |
| 646.22 | ICD-9-CM | Diagnosis | Unspecified renal disease in pregnancy, with delivery, with current postpartum complication |
| 646.31 | ICD-9-CM | Diagnosis | Pregnancy complication, recurrent pregnancy loss, with or without mention of antepartum condition |
| 646.41 | ICD-9-CM | Diagnosis | Peripheral neuritis in pregnancy, with delivery |
| 646.42 | ICD-9-CM | Diagnosis | Peripheral neuritis in pregnancy, with delivery, with current postpartum complication |
| 646.51 | ICD-9-CM | Diagnosis | Asymptomatic bacteriuria in pregnancy, with delivery |
| 646.52 | ICD-9-CM | Diagnosis | Asymptomatic bacteriuria in pregnancy, with delivery, with current postpartum |
| 0-10.52 | ICD J CIVI | Pidbilosis | complication |
| 646.61 | ICD-9-CM | Diagnosis | Infections of genitourinary tract in pregnancy, with delivery |



| | | Code | |
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| Code | Code Type | Category | Description |
| | | | |
| 646.62 | ICD-9-CM | Diagnosis | Infections of genitourinary tract in pregnancy, with delivery, with current postpartum complication |
| 646.71 | ICD-9-CM | Diagnosis | Liver and biliary tract disorders in pregnancy, delivered, with or without mention of antepartum condition |
| 646.81 | ICD-9-CM | Diagnosis | Other specified complication of pregnancy, with delivery |
| 646.82 | ICD-9-CM | Diagnosis | Other specified complications of pregnancy, with delivery, with current postpartum complication |
| 646.91 | ICD-9-CM | Diagnosis | Unspecified complication of pregnancy, with delivery |
| 647.01 | ICD-9-CM | Diagnosis | Maternal syphilis, complicating pregnancy, with delivery |
| 647.02 | ICD-9-CM | Diagnosis | Maternal syphilis, complicating pregnancy, with delivery, with current postpartum complication |
| 647.11 | ICD-9-CM | Diagnosis | Maternal gonorrhea with delivery |
| 647.12 | ICD-9-CM | Diagnosis | Maternal gonorrhea, with delivery, with current postpartum complication |
| 647.21 | ICD-9-CM | Diagnosis | Other maternal venereal diseases with delivery |
| 647.22 | ICD-9-CM | Diagnosis | Other maternal venereal diseases with delivery, with current postpartum complication |
| 647.31 | ICD-9-CM | Diagnosis | Maternal tuberculosis with delivery |
| 647.32 | ICD-9-CM | Diagnosis | Maternal tuberculosis with delivery, with current postpartum complication |
| 647.41 | ICD-9-CM | Diagnosis | Maternal malaria with delivery |
| 647.42 | ICD-9-CM | Diagnosis | Maternal malaria with delivery, with current postpartum complication |
| 647.51 | ICD-9-CM | Diagnosis | Maternal rubella with delivery |
| 647.52 | ICD-9-CM | Diagnosis | Maternal rubella with delivery, with current postpartum complication |
| 647.61 | ICD-9-CM | Diagnosis | Other maternal viral disease with delivery |
| 647.62 | ICD-9-CM | Diagnosis | Other maternal viral disease with delivery, with current postpartum complication |
| 647.81 | ICD-9-CM | Diagnosis | Other specified maternal infectious and parasitic disease with delivery |
| 647.82 | ICD-9-CM | Diagnosis | Other specified maternal infectious and parasitic disease with delivery, with current postpartum complication |
| 647.91 | ICD-9-CM | Diagnosis | Unspecified maternal infection or infestation with delivery |
| 647.92 | ICD-9-CM | Diagnosis | Unspecified maternal infection or infestation with delivery, with current postpartum complication |
| 648.01 | ICD-9-CM | Diagnosis | Maternal diabetes mellitus with delivery |
| 648.02 | ICD-9-CM | Diagnosis | Maternal diabetes mellitus with delivery, with current postpartum complication |
| 648.11 | ICD-9-CM | Diagnosis | Maternal thyroid dysfunction with delivery, with or without mention of antepartum condition |
| 648.12 | ICD-9-CM | Diagnosis | Maternal thyroid dysfunction with delivery, with current postpartum complication |
| 648.21 | ICD-9-CM | Diagnosis | Maternal anemia, with delivery |
| 648.22 | ICD-9-CM | Diagnosis | Maternal anemia with delivery, with current postpartum complication |
| 648.31 | ICD-9-CM | Diagnosis | Maternal drug dependence, with delivery |
| 648.32 | ICD-9-CM | Diagnosis | Maternal drug dependence, with delivery, with current postpartum complication |
| 648.41 | ICD-9-CM | Diagnosis | Maternal mental disorders, with delivery |
| 648.42 | ICD-9-CM | Diagnosis | Maternal mental disorders, with delivery, with current postpartum complication |



| | | Code | |
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| Code | Code Type | Category | Description |
| | | | |
| 648.51 | ICD-9-CM | Diagnosis | Maternal congenital cardiovascular disorders, with delivery |
| 648.52 | ICD-9-CM | Diagnosis | Maternal congenital cardiovascular disorders, with delivery, with current postpartum complication |
| 648.61 | ICD-9-CM | Diagnosis | Other maternal cardiovascular diseases, with delivery |
| 648.62 | ICD-9-CM | Diagnosis | Other maternal cardiovascular diseases, with delivery, with current postpartum complication |
| 648.71 | ICD-9-CM | Diagnosis | Bone and joint disorders of maternal back, pelvis, and lower limbs, with delivery |
| 648.72 | ICD-9-CM | Diagnosis | Bone and joint disorders of maternal back, pelvis, and lower limbs, with delivery, with current postpartum complication |
| 648.81 | ICD-9-CM | Diagnosis | Abnormal maternal glucose tolerance, with delivery |
| 648.82 | ICD-9-CM | Diagnosis | Abnormal maternal glucose tolerance, with delivery, with current postpartum complication |
| 648.91 | ICD-9-CM | Diagnosis | Other current maternal conditions classifiable elsewhere, with delivery |
| 648.92 | ICD-9-CM | Diagnosis | Other current maternal conditions classifiable elsewhere, with delivery, with current postpartum complication |
| 649.01 | ICD-9-CM | Diagnosis | Tobacco use disorder complicating pregnancy, childbirth, or the puerperium, delivered, with or without mention of antepartum condition |
| 649.02 | ICD-9-CM | Diagnosis | Tobacco use disorder complicating pregnancy, childbirth, or the puerperium, delivered, with mention of postpartum complication |
| 649.11 | ICD-9-CM | Diagnosis | Obesity complicating pregnancy, childbirth, or the puerperium, delivered, with or without mention of antepartum condition |
| 649.12 | ICD-9-CM | Diagnosis | Obesity complicating pregnancy, childbirth, or the puerperium, delivered, with mention of postpartum complication |
| 649.21 | ICD-9-CM | Diagnosis | Bariatric surgery status complicating pregnancy, childbirth, or the puerperium, delivered, with or without mention of antepartum condition |
| 649.22 | ICD-9-CM | Diagnosis | Bariatric surgery status complicating pregnancy, childbirth, or the puerperium, delivered, with mention of postpartum complication |
| 649.31 | ICD-9-CM | Diagnosis | Coagulation defects complicating pregnancy, childbirth, or the puerperium, delivered, with or without mention of antepartum condition |
| 649.32 | ICD-9-CM | Diagnosis | Coagulation defects complicating pregnancy, childbirth, or the puerperium, delivered, with mention of postpartum complication |
| 649.41 | ICD-9-CM | Diagnosis | Epilepsy complicating pregnancy, childbirth, or the puerperium, delivered, with or without mention of antepartum condition |
| 649.42 | ICD-9-CM | Diagnosis | Epilepsy complicating pregnancy, childbirth, or the puerperium, delivered, with mention of postpartum complication |
| 649.51 | ICD-9-CM | Diagnosis | Spotting complicating pregnancy, delivered, with or without mention of antepartum condition |
| 649.61 | ICD-9-CM | Diagnosis | Uterine size date discrepancy, delivered, with or without mention of antepartum condition |
| 649.62 | ICD-9-CM | Diagnosis | Uterine size date discrepancy, delivered, with mention of postpartum complication |



| | | Code | |
|--------|-----------|-----------|--|
| Code | Code Type | Category | Description |
| | | | |
| 649.71 | ICD-9-CM | Diagnosis | Cervical shortening, delivered, with or without mention of antepartum condition |
| 649.81 | ICD-9-CM | Diagnosis | Onset (spontaneous) of labor after 37 completed weeks of gestation but before 39 |
| | | | completed weeks gestation, with delivery by (planned) cesarean section, delivered, with or |
| | | | without mention of antepartum condition |
| 649.82 | ICD-9-CM | Diagnosis | Onset (spontaneous) of labor after 37 completed weeks of gestation but before 39 |
| | | | completed weeks gestation, with delivery by (planned) cesarean section, delivered, with |
| | | | mention of postpartum complication |
| 651.01 | ICD-9-CM | Diagnosis | Twin pregnancy, delivered |
| 651.11 | ICD-9-CM | Diagnosis | Triplet pregnancy, delivered |
| 651.21 | ICD-9-CM | Diagnosis | Quadruplet pregnancy, delivered |
| 651.31 | ICD-9-CM | Diagnosis | Twin pregnancy with fetal loss and retention of one fetus, delivered |
| 651.41 | ICD-9-CM | Diagnosis | Triplet pregnancy with fetal loss and retention of one or more, delivered |
| 651.51 | ICD-9-CM | Diagnosis | Quadruplet pregnancy with fetal loss and retention of one or more, delivered |
| 651.61 | ICD-9-CM | Diagnosis | Other multiple pregnancy with fetal loss and retention of one or more fetus(es), delivered |
| | | | |
| 651.71 | ICD-9-CM | Diagnosis | Multiple gestation following (elective) fetal reduction, delivered, with or without mention of |
| | | | antepartum condition |
| 651.81 | ICD-9-CM | Diagnosis | Other specified multiple gestation, delivered |
| 651.91 | ICD-9-CM | Diagnosis | Unspecified multiple gestation, delivered |
| 652.01 | ICD-9-CM | Diagnosis | Unstable lie of fetus, delivered |
| 652.11 | ICD-9-CM | Diagnosis | Breech or other malpresentation successfully converted to cephalic presentation, delivered |
| | | | |
| 652.21 | ICD-9-CM | Diagnosis | Breech presentation without mention of version, delivered |
| 652.31 | ICD-9-CM | Diagnosis | Transverse or oblique fetal presentation, delivered |
| 652.41 | ICD-9-CM | Diagnosis | Fetal face or brow presentation, delivered |
| 652.51 | ICD-9-CM | Diagnosis | High fetal head at term, delivered |
| 652.61 | ICD-9-CM | Diagnosis | Multiple gestation with malpresentation of one fetus or more, delivered |
| 652.71 | ICD-9-CM | Diagnosis | Prolapsed arm of fetus, delivered |
| 652.81 | ICD-9-CM | Diagnosis | Other specified malposition or malpresentation of fetus, delivered |
| 652.91 | ICD-9-CM | Diagnosis | Unspecified malposition or malpresentation of fetus, delivered |
| 653.01 | ICD-9-CM | Diagnosis | Major abnormality of bony pelvis, not further specified, delivered |
| 653.11 | ICD-9-CM | Diagnosis | Generally contracted pelvis in pregnancy, delivered |
| 653.21 | ICD-9-CM | Diagnosis | Inlet contraction of pelvis in pregnancy, delivered |
| 653.31 | ICD-9-CM | Diagnosis | Outlet contraction of pelvis in pregnancy, delivered |
| 653.41 | ICD-9-CM | Diagnosis | Fetopelvic disproportion, delivered |
| 653.51 | ICD-9-CM | Diagnosis | Unusually large fetus causing disproportion, delivered |
| 653.61 | ICD-9-CM | Diagnosis | Hydrocephalic fetus causing disproportion, delivered |
| 653.71 | ICD-9-CM | Diagnosis | Other fetal abnormality causing disproportion, delivered |
| 653.81 | ICD-9-CM | Diagnosis | Fetal disproportion of other origin, delivered |
| 653.91 | ICD-9-CM | Diagnosis | Unspecified fetal disproportion, delivered |



| | | Code | |
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| Code | Code Type | Category | Description |
| | | | |
| 654.01 | ICD-9-CM | Diagnosis | Congenital abnormalities of pregnant uterus, delivered |
| 654.02 | ICD-9-CM | Diagnosis | Congenital abnormalities of pregnant uterus, delivered, with mention of postpartum complication |
| 654.11 | ICD-9-CM | Diagnosis | Tumors of body of uterus, delivered |
| 654.12 | ICD-9-CM | Diagnosis | Tumors of body of uterus, delivered, with mention of postpartum complication |
| 654.21 | ICD-9-CM | Diagnosis | Previous cesarean delivery, delivered, with or without mention of antepartum condition |
| 654.31 | ICD-9-CM | Diagnosis | Retroverted and incarcerated gravid uterus, delivered |
| 654.32 | ICD-9-CM | Diagnosis | Retroverted and incarcerated gravid uterus, delivered, with mention of postpartum complication |
| 654.41 | ICD-9-CM | Diagnosis | Other abnormalities in shape or position of gravid uterus and of neighboring structures, delivered |
| 654.42 | ICD-9-CM | Diagnosis | Other abnormalities in shape or position of gravid uterus and of neighboring structures, delivered, with mention of postpartum complication |
| 654.51 | ICD-9-CM | Diagnosis | Cervical incompetence, delivered |
| 654.52 | ICD-9-CM | Diagnosis | Cervical incompetence, delivered, with mention of postpartum complication |
| 654.61 | ICD-9-CM | Diagnosis | Other congenital or acquired abnormality of cervix, with delivery |
| 654.62 | ICD-9-CM | Diagnosis | Other congenital or acquired abnormality of cervix, delivered, with mention of postpartum complication |
| 654.71 | ICD-9-CM | Diagnosis | Congenital or acquired abnormality of vagina, with delivery |
| 654.72 | ICD-9-CM | Diagnosis | Congenital or acquired abnormality of vagina, delivered, with mention of postpartum complication |
| 654.81 | ICD-9-CM | Diagnosis | Congenital or acquired abnormality of vulva, with delivery |
| 654.82 | ICD-9-CM | Diagnosis | Congenital or acquired abnormality of vulva, delivered, with mention of postpartum complication |
| 654.91 | ICD-9-CM | Diagnosis | Other and unspecified abnormality of organs and soft tissues of pelvis, with delivery |
| 654.92 | ICD-9-CM | Diagnosis | Other and unspecified abnormality of organs and soft tissues of pelvis, delivered, with mention of postpartum complication |
| 655.01 | ICD-9-CM | Diagnosis | Central nervous system malformation in fetus, with delivery |
| 655.11 | ICD-9-CM | Diagnosis | Chromosomal abnormality in fetus, affecting management of mother, with delivery |
| 655.21 | ICD-9-CM | Diagnosis | Hereditary disease in family possibly affecting fetus, affecting management of mother, with delivery |
| 655.31 | ICD-9-CM | Diagnosis | Suspected damage to fetus from viral disease in mother, affecting management of mother, with delivery |
| 655.41 | ICD-9-CM | Diagnosis | Suspected damage to fetus from other disease in mother, affecting management of mother, with delivery |
| 655.51 | ICD-9-CM | Diagnosis | Suspected damage to fetus from drugs, affecting management of mother, delivered |
| 655.61 | ICD-9-CM | Diagnosis | Suspected damage to fetus from radiation, affecting management of mother, delivered |
| 655.71 | ICD-9-CM | Diagnosis | Decreased fetal movements, affecting management of mother, delivered |
| 655.81 | ICD-9-CM | Diagnosis | Other known or suspected fetal abnormality, not elsewhere classified, affecting management of mother, delivery |



| | | Code | |
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| Code | Code Type | Category | Description |
| | | | |
| 655.91 | ICD-9-CM | Diagnosis | Unspecified fetal abnormality affecting management of mother, delivery |
| 656.01 | ICD-9-CM | Diagnosis | Fetal-maternal hemorrhage, with delivery |
| 656.11 | ICD-9-CM | Diagnosis | Rhesus isoimmunization affecting management of mother, delivered |
| 656.21 | ICD-9-CM | Diagnosis | Isoimmunization from other and unspecified blood-group incompatibility, affecting |
| | | | management of mother, delivered |
| 656.31 | ICD-9-CM | Diagnosis | Fetal distress affecting management of mother, delivered |
| 656.41 | ICD-9-CM | Diagnosis | Intrauterine death affecting management of mother, delivered |
| 656.51 | ICD-9-CM | Diagnosis | Poor fetal growth, affecting management of mother, delivered |
| 656.61 | ICD-9-CM | Diagnosis | Excessive fetal growth affecting management of mother, delivered |
| 656.71 | ICD-9-CM | Diagnosis | Other placental conditions affecting management of mother, delivered |
| 656.81 | ICD-9-CM | Diagnosis | Other specified fetal and placental problems affecting management of mother, delivered |
| 656.91 | ICD-9-CM | Diagnosis | Unspecified fetal and placental problem affecting management of mother, delivered |
| 657.01 | ICD-9-CM | Diagnosis | Polyhydramnios, with delivery |
| 658.01 | ICD-9-CM | Diagnosis | Oligohydramnios, delivered |
| 658.11 | ICD-9-CM | Diagnosis | Premature rupture of membranes in pregnancy, delivered |
| 658.21 | ICD-9-CM | Diagnosis | Delayed delivery after spontaneous or unspecified rupture of membranes, delivered |
| 658.31 | ICD-9-CM | Diagnosis | Delayed delivery after artificial rupture of membranes, delivered |
| 658.41 | ICD-9-CM | Diagnosis | Infection of amniotic cavity, delivered |
| 658.81 | ICD-9-CM | Diagnosis | Other problem associated with amniotic cavity and membranes, delivered |
| 658.91 | ICD-9-CM | Diagnosis | Unspecified problem associated with amniotic cavity and membranes, delivered |
| 659.01 | ICD-9-CM | Diagnosis | Failed mechanical induction of labor, delivered |
| 659.11 | ICD-9-CM | Diagnosis | Failed medical or unspecified induction of labor, delivered |
| 659.21 | ICD-9-CM | Diagnosis | Unspecified maternal pyrexia during labor, delivered |
| 659.31 | ICD-9-CM | Diagnosis | Generalized infection during labor, delivered |
| 659.41 | ICD-9-CM | Diagnosis | Grand multiparity, delivered, with or without mention of antepartum condition |
| 659.51 | ICD-9-CM | Diagnosis | Elderly primigravida, delivered |
| 659.61 | ICD-9-CM | Diagnosis | Elderly multigravida, delivered, with mention of antepartum condition |
| 659.71 | ICD-9-CM | Diagnosis | Abnormality in fetal heart rate or rhythm, delivered, with or without mention of |
| | | | antepartum condition |
| 659.81 | ICD-9-CM | Diagnosis | Other specified indication for care or intervention related to labor and delivery, delivered |
| 659.91 | ICD-9-CM | Diagnosis | Unspecified indication for care or intervention related to labor and delivery, delivered |
| 660.01 | ICD-9-CM | Diagnosis | Obstruction caused by malposition of fetus at onset of labor, delivered |
| 660.11 | ICD-9-CM | Diagnosis | Obstruction by bony pelvis during labor and delivery, delivered |
| 660.21 | ICD-9-CM | Diagnosis | Obstruction by abnormal pelvic soft tissues during labor and delivery, delivered |
| 660.31 | ICD-9-CM | Diagnosis | Deep transverse arrest and persistent occipitoposterior position during labor and deliver, delivered |
| 660.41 | ICD-9-CM | Diagnosis | Shoulder (girdle) dystocia during labor and deliver, delivered |
| 660.51 | ICD-9-CM | Diagnosis | Locked twins, delivered |
| 660.61 | ICD-9-CM | Diagnosis | Unspecified failed trial of labor, delivered |
| 660.71 | ICD-9-CM | Diagnosis | Unspecified failed forceps or vacuum extractor, delivered |



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| Code | Code Type | Category | Description |
| | | | |
| 660.81 | ICD-9-CM | Diagnosis | Other causes of obstructed labor, delivered |
| 660.91 | ICD-9-CM | Diagnosis | Unspecified obstructed labor, with delivery |
| 661.01 | ICD-9-CM | Diagnosis | Primary uterine inertia, with delivery |
| 661.11 | ICD-9-CM | Diagnosis | Secondary uterine inertia, with delivery |
| 661.21 | ICD-9-CM | Diagnosis | Other and unspecified uterine inertia, with delivery |
| 661.31 | ICD-9-CM | Diagnosis | Precipitate labor, with delivery |
| 661.41 | ICD-9-CM | Diagnosis | Hypertonic, incoordinate, or prolonged uterine contractions, with delivery |
| 661.91 | ICD-9-CM | Diagnosis | Unspecified abnormality of labor, with delivery |
| 662.01 | ICD-9-CM | Diagnosis | Prolonged first stage of labor, delivered |
| 662.11 | ICD-9-CM | Diagnosis | Unspecified prolonged labor, delivered |
| 662.21 | ICD-9-CM | Diagnosis | Prolonged second stage of labor, delivered |
| 662.31 | ICD-9-CM | Diagnosis | Delayed delivery of second twin, triplet, etc., delivered |
| 663.01 | ICD-9-CM | Diagnosis | Prolapse of cord, complicating labor and delivery, delivered |
| 663.11 | ICD-9-CM | Diagnosis | Cord around neck, with compression, complicating labor and delivery, delivered |
| 663.21 | ICD-9-CM | Diagnosis | Other and unspecified cord entanglement, with compression, complicating labor and |
| | | | delivery, delivered |
| 663.31 | ICD-9-CM | Diagnosis | Other and unspecified cord entanglement, without mention of compression, complicating |
| | | | labor and delivery, delivered |
| 663.41 | ICD-9-CM | Diagnosis | Short cord complicating labor and delivery, delivered |
| 663.51 | ICD-9-CM | Diagnosis | Vasa previa complicating labor and delivery, delivered |
| 663.61 | ICD-9-CM | Diagnosis | Vascular lesions of cord complicating labor and delivery, delivered |
| 663.81 | ICD-9-CM | Diagnosis | Other umbilical cord complications during labor and delivery, delivered |
| 663.91 | ICD-9-CM | Diagnosis | Unspecified umbilical cord complication during labor and delivery, delivered |
| 664.01 | ICD-9-CM | Diagnosis | First-degree perineal laceration, with delivery |
| 664.11 | ICD-9-CM | Diagnosis | Second-degree perineal laceration, with delivery |
| 664.21 | ICD-9-CM | Diagnosis | Third-degree perineal laceration, with delivery |
| 664.31 | ICD-9-CM | Diagnosis | Fourth-degree perineal laceration, with delivery |
| 664.41 | ICD-9-CM | Diagnosis | Unspecified perineal laceration, with delivery |
| 664.51 | ICD-9-CM | Diagnosis | Vulvar and perineal hematoma, with delivery |
| 664.61 | ICD-9-CM | Diagnosis | Anal sphincter tear complicating delivery, not associated with third-degree perineal |
| | | | laceration, delivered, with or without mention of antepartum condition |
| 664.81 | ICD-9-CM | Diagnosis | Other specified trauma to perineum and vulva, with delivery |
| 664.91 | ICD-9-CM | Diagnosis | Unspecified trauma to perineum and vulva, with delivery |
| 665.01 | ICD-9-CM | Diagnosis | Rupture of uterus before onset of labor, with delivery |
| 665.11 | ICD-9-CM | Diagnosis | Rupture of uterus during labor, with delivery |
| 665.22 | ICD-9-CM | Diagnosis | Inversion of uterus, delivered with postpartum complication |
| 665.31 | ICD-9-CM | Diagnosis | Laceration of cervix, with delivery |
| 665.41 | ICD-9-CM | Diagnosis | High vaginal laceration, with delivery |
| 665.51 | ICD-9-CM | Diagnosis | Other injury to pelvic organs, with delivery |
| 665.61 | ICD-9-CM | Diagnosis | Damage to pelvic joints and ligaments, with delivery |
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| | | Code | |
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| Code | Code Type | Category | Description |
| | | | |
| 665.71 | ICD-9-CM | Diagnosis | Pelvic hematoma, with delivery |
| 665.72 | ICD-9-CM | Diagnosis | Pelvic hematoma, delivered with postpartum complication |
| 665.81 | ICD-9-CM | Diagnosis | Other specified obstetrical trauma, with delivery |
| 665.82 | ICD-9-CM | Diagnosis | Other specified obstetrical trauma, delivered, with postpartum |
| 665.91 | ICD-9-CM | Diagnosis | Unspecified obstetrical trauma, with delivery |
| 665.92 | ICD-9-CM | Diagnosis | Unspecified obstetrical trauma, delivered, with postpartum complication |
| 666.02 | ICD-9-CM | Diagnosis | Third-stage postpartum hemorrhage, with delivery |
| 666.12 | ICD-9-CM | Diagnosis | Other immediate postpartum hemorrhage, with delivery |
| 666.22 | ICD-9-CM | Diagnosis | Delayed and secondary postpartum hemorrhage, with delivery |
| 666.32 | ICD-9-CM | Diagnosis | Postpartum coagulation defects, with delivery |
| 667.02 | ICD-9-CM | Diagnosis | Retained placenta without hemorrhage, with delivery, with mention of postpartum complication |
| 667.1.2 | ICD-9-CM | Diagnosis | Retained portions of placenta or membranes, without hemorrhage, delivered, with mention of postpartum complication |
| 668.01 | ICD-9-CM | Diagnosis | Pulmonary complications of the administration of anesthesia or other sedation in labor and delivery, delivered |
| 668.02 | ICD-9-CM | Diagnosis | Pulmonary complications of the administration of anesthesia or other sedation in labor and delivery, delivered, with mention of postpartum complication |
| 668.11 | ICD-9-CM | Diagnosis | Cardiac complications of the administration of anesthesia or other sedation in labor and delivery, delivered |
| 668.12 | ICD-9-CM | Diagnosis | Cardiac complications of the administration of anesthesia or other sedation in labor and delivery, delivered, with mention of postpartum complication |
| 668.21 | ICD-9-CM | Diagnosis | Central nervous system complications of the administration of anesthesia or other sedation in labor and delivery, delivered |
| 668.22 | ICD-9-CM | Diagnosis | Central nervous system complications of the administration of anesthesia or other sedation in labor and delivery, delivered, with mention of postpartum complication |
| 668.81 | ICD-9-CM | Diagnosis | Other complications of the administration of anesthesia or other sedation in labor and delivery, delivered |
| 668.82 | ICD-9-CM | Diagnosis | Other complications of the administration of anesthesia or other sedation in labor and delivery, delivered, with mention of postpartum complication |
| 668.91 | ICD-9-CM | Diagnosis | Unspecified complication of the administration of anesthesia or other sedation in labor and delivery, delivered |
| 668.92 | ICD-9-CM | Diagnosis | Unspecified complication of the administration of anesthesia or other sedation in labor and delivery, delivered, with mention of postpartum complication |
| 669.01 | ICD-9-CM | Diagnosis | Maternal distress, with delivery, with or without mention of antepartum condition |
| 669.02 | ICD-9-CM | Diagnosis | Maternal distress, with delivery, with mention of postpartum complication |
| 669.11 | ICD-9-CM | Diagnosis | Shock during or following labor and delivery, with delivery, with or without mention of antepartum condition |
| 669.12 | ICD-9-CM | Diagnosis | Shock during or following labor and delivery, with delivery, with mention of postpartum complication |



| | | Code | |
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| Code | Code Type | Category | Description |
| 222.21 | | | |
| 669.21 | ICD-9-CM | Diagnosis | Maternal hypotension syndrome, with delivery, with or without mention of antepartum condition |
| 669.22 | ICD-9-CM | Diagnosis | Maternal hypotension syndrome, with delivery, with mention of postpartum complication |
| 669.32 | ICD-9-CM | Diagnosis | Acute kidney failure following labor and delivery, delivered, with mention of postpartum complication |
| 669.41 | ICD-9-CM | Diagnosis | Other complications of obstetrical surgery and procedures, with delivery, with or without mention of antepartum condition |
| 669.42 | ICD-9-CM | Diagnosis | Other complications of obstetrical surgery and procedures, with delivery, with mention of postpartum complication |
| 669.51 | ICD-9-CM | Diagnosis | Forceps or vacuum extractor delivery without mention of indication, delivered, with or without mention of antepartum condition |
| 669.61 | ICD-9-CM | Diagnosis | Breech extraction, without mention of indication, delivered, with or without mention of antepartum condition |
| 669.71 | ICD-9-CM | Diagnosis | Cesarean delivery, without mention of indication, delivered, with or without mention of antepartum condition |
| 669.81 | ICD-9-CM | Diagnosis | Other complication of labor and delivery, delivered, with or without mention of antepartum condition |
| 669.82 | ICD-9-CM | Diagnosis | Other complication of labor and delivery, delivered, with mention of postpartum complication |
| 669.91 | ICD-9-CM | Diagnosis | Unspecified complication of labor and delivery, with delivery, with or without mention of antepartum condition |
| 669.92 | ICD-9-CM | Diagnosis | Unspecified complication of labor and delivery, with delivery, with mention of postpartum complication |
| 670.02 | ICD-9-CM | Diagnosis | Major puerperal infection, unspecified, delivered, with mention of postpartum complication |
| 670.12 | ICD-9-CM | Diagnosis | Puerperal endometritis, delivered, with mention of postpartum complication |
| 670.22 | ICD-9-CM | Diagnosis | Puerperal sepsis, delivered, with mention of postpartum complication |
| 670.32 | ICD-9-CM | Diagnosis | Puerperal septic thrombophlebitis, delivered, with mention of postpartum complication |
| 670.82 | ICD-9-CM | Diagnosis | Other major puerperal infection, delivered, with mention of postpartum complication |
| 671.01 | ICD-9-CM | Diagnosis | Varicose veins of legs, with delivery, with or without mention of antepartum condition |
| 671.02 | ICD-9-CM | Diagnosis | Varicose veins of legs, with delivery, with mention of postpartum complication |
| 671.11 | ICD-9-CM | Diagnosis | Varicose veins of vulva and perineum, with delivery, with or without mention of antepartum condition |
| 671.12 | ICD-9-CM | Diagnosis | Varicose veins of vulva and perineum, with delivery, with mention of postpartum complication |
| 671.21 | ICD-9-CM | Diagnosis | Superficial thrombophlebitis with delivery, with or without mention of antepartum condition |
| 671.22 | ICD-9-CM | Diagnosis | Superficial thrombophlebitis with delivery, with mention of postpartum complication |
| 671.31 | ICD-9-CM | Diagnosis | Deep phlebothrombosis, antepartum, with delivery |



| | | Code | |
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| Code | Code Type | Category | Description |
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| 671.42 | ICD-9-CM | Diagnosis | Deep phlebothrombosis, postpartum, with delivery |
| 671.51 | ICD-9-CM | Diagnosis | Other phlebitis and thrombosis with delivery, with or without mention of antepartum condition |
| 671.52 | ICD-9-CM | Diagnosis | Other phlebitis and thrombosis with delivery, with mention of postpartum complication |
| 671.81 | ICD-9-CM | Diagnosis | Other venous complication, with delivery, with or without mention of antepartum condition |
| 671.82 | ICD-9-CM | Diagnosis | Other venous complication, with delivery, with mention of postpartum complication |
| 671.91 | ICD-9-CM | Diagnosis | Unspecified venous complication, with delivery, with or without mention of antepartum condition |
| 671.92 | ICD-9-CM | Diagnosis | Unspecified venous complication, with delivery, with mention of postpartum complication |
| 672.02 | ICD-9-CM | Diagnosis | Puerperal pyrexia of unknown origin, delivered, with mention of postpartum complication |
| 673.01 | ICD-9-CM | Diagnosis | Obstetrical air embolism, with delivery, with or without mention of antepartum condition |
| 673.02 | ICD-9-CM | Diagnosis | Obstetrical air embolism, with delivery, with mention of postpartum complication |
| 673.11 | ICD-9-CM | Diagnosis | Amniotic fluid embolism, with delivery, with or without mention of antepartum condition |
| 673.12 | ICD-9-CM | Diagnosis | Amniotic fluid embolism, with delivery, with mention of postpartum complication |
| 673.21 | ICD-9-CM | Diagnosis | Obstetrical blood-clot embolism, with delivery, with or without mention of antepartum condition |
| 673.22 | ICD-9-CM | Diagnosis | Obstetrical blood-clot embolism, with mention of postpartum complication |
| 673.31 | ICD-9-CM | Diagnosis | Obstetrical pyemic and septic embolism, with delivery, with or without mention of antepartum condition |
| 673.32 | ICD-9-CM | Diagnosis | Obstetrical pyemic and septic embolism, with delivery, with mention of postpartum complication |
| 673.81 | ICD-9-CM | Diagnosis | Other obstetrical pulmonary embolism, with delivery, with or without mention of antepartum condition |
| 673.82 | ICD-9-CM | Diagnosis | Other obstetrical pulmonary embolism, with delivery, with mention of postpartum complication |
| 674.01 | ICD-9-CM | Diagnosis | Cerebrovascular disorder, with delivery, with or without mention of antepartum condition |
| 674.02 | ICD-9-CM | Diagnosis | Cerebrovascular disorder, with delivery, with mention of postpartum complication |
| 674.12 | ICD-9-CM | Diagnosis | Disruption of cesarean wound, with delivery, with mention of postpartum complication |
| 674.22 | ICD-9-CM | Diagnosis | Disruption of perineal wound, with delivery, with mention of postpartum complication |
| 674.32 | ICD-9-CM | Diagnosis | Other complication of obstetrical surgical wounds, with delivery, with mention of postpartum complication |
| 674.42 | ICD-9-CM | Diagnosis | Placental polyp, with delivery, with mention of postpartum complication |
| 674.51 | ICD-9-CM | Diagnosis | Peripartum cardiomyopathy, delivered, with or without mention of antepartum condition |



| | | Code | |
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| Code | Code Type | Category | Description |
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| 674.52 | ICD-9-CM | Diagnosis | Peripartum cardiomyopathy, delivered, with mention of postpartum condition |
| 674.82 | ICD-9-CM | Diagnosis | Other complication of puerperium, with delivery, with mention of postpartum complication |
| 674.92 | ICD-9-CM | Diagnosis | Unspecified complications of puerperium, with delivery, with mention of postpartum complication |
| 675.01 | ICD-9-CM | Diagnosis | Infection of nipple associated with childbirth, delivered, with or without mention of antepartum condition |
| 675.02 | ICD-9-CM | Diagnosis | Infection of nipple associated with childbirth, delivered with mention of postpartum complication |
| 675.11 | ICD-9-CM | Diagnosis | Abscess of breast associated with childbirth, delivered, with or without mention of antepartum condition |
| 675.12 | ICD-9-CM | Diagnosis | Abscess of breast associated with childbirth, delivered, with mention of postpartum complication |
| 675.21 | ICD-9-CM | Diagnosis | Nonpurulent mastitis, delivered, with or without mention of antepartum condition |
| 675.22 | ICD-9-CM | Diagnosis | Nonpurulent mastitis, delivered, with mention of postpartum complication |
| 675.81 | ICD-9-CM | Diagnosis | Other specified infection of the breast and nipple associated with childbirth, delivered, with or without mention of antepartum condition |
| 675.82 | ICD-9-CM | Diagnosis | Other specified infection of the breast and nipple associated with childbirth, delivered, with mention of postpartum complication |
| 675.91 | ICD-9-CM | Diagnosis | Unspecified infection of the breast and nipple, delivered, with or without mention of antepartum condition |
| 675.92 | ICD-9-CM | Diagnosis | Unspecified infection of the breast and nipple, delivered, with mention of postpartum complication |
| 676.01 | ICD-9-CM | Diagnosis | Retracted nipple, delivered, with or without mention of antepartum condition |
| 676.02 | ICD-9-CM | Diagnosis | Retracted nipple, delivered, with mention of postpartum complication |
| 676.11 | ICD-9-CM | Diagnosis | Cracked nipple, delivered, with or without mention of antepartum condition |
| 676.12 | ICD-9-CM | Diagnosis | Cracked nipple, delivered, with mention of postpartum complication |
| 676.21 | ICD-9-CM | Diagnosis | Engorgement of breasts, delivered, with or without mention of antepartum condition |
| 676.22 | ICD-9-CM | Diagnosis | Engorgement of breasts, delivered, with mention of postpartum complication |
| 676.31 | ICD-9-CM | Diagnosis | Other and unspecified disorder of breast associated with childbirth, delivered, with or without mention of antepartum condition |
| 676.32 | ICD-9-CM | Diagnosis | Other and unspecified disorder of breast associated with childbirth, delivered, with mention of postpartum complication |
| 676.41 | ICD-9-CM | Diagnosis | Failure of lactation, with delivery, with or without mention of antepartum condition |
| 676.42 | ICD-9-CM | Diagnosis | Failure of lactation, with delivery, with mention of postpartum complication |
| 676.51 | ICD-9-CM | Diagnosis | Suppressed lactation, with delivery, with or without mention of antepartum condition |
| 676.52 | ICD-9-CM | Diagnosis | Suppressed lactation, with delivery, with mention of postpartum complication |
| 676.61 | ICD-9-CM | Diagnosis | Galactorrhea, with delivery, with or without mention of antepartum condition |
| 676.62 | ICD-9-CM | Diagnosis | Galactorrhea, with delivery, with mention of postpartum complication |



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| Code | Code Type | Category | Description |
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| 676.81 | ICD-9-CM | Diagnosis | Other disorder of lactation, with delivery, with or without mention of antepartum condition |
| 676.82 | ICD-9-CM | Diagnosis | Other disorder of lactation, with delivery, with mention of postpartum complication |
| 676.91 | ICD-9-CM | Diagnosis | Unspecified disorder of lactation, with delivery, with or without mention of antepartum condition |
| 72 | ICD-9-CM | Procedure | Forceps, vacuum, and breech delivery |
| 73 | ICD-9-CM | Procedure | Other procedures inducing or assisting delivery |
| 720 | ICD-9-CM | Procedure | Low forceps operation |
| 721 | ICD-9-CM | Procedure | Low forceps operation with episiotomy |
| 722 | ICD-9-CM | Procedure | Mid forceps operation |
| 723 | ICD-9-CM | Procedure | High forceps operation |
| 724 | ICD-9-CM | Procedure | Forceps rotation of fetal head |
| 725 | ICD-9-CM | Procedure | Breech extraction |
| 726 | ICD-9-CM | Procedure | Forceps application to aftercoming head |
| 727 | ICD-9-CM | Procedure | Vacuum extraction |
| 728 | ICD-9-CM | Procedure | Other specified instrumental delivery |
| 729 | ICD-9-CM | Procedure | Unspecified instrumental delivery |
| 730 | ICD-9-CM | Procedure | Artificial rupture of membranes |
| 731 | ICD-9-CM | Procedure | Other surgical induction of labor |
| 732 | ICD-9-CM | Procedure | Internal and combined version and extraction |
| 733 | ICD-9-CM | Procedure | Failed forceps |
| 734 | ICD-9-CM | Procedure | Medical induction of labor |
| 735 | ICD-9-CM | Procedure | Manually assisted delivery |
| 736 | ICD-9-CM | Procedure | Episiotomy |
| 738 | ICD-9-CM | Procedure | Operations on fetus to facilitate delivery |
| 739 | ICD-9-CM | Procedure | Other operations assisting delivery |
| 740 | ICD-9-CM | Procedure | Classical cesarean section |
| 741 | ICD-9-CM | Procedure | Low cervical cesarean section |
| 742 | ICD-9-CM | Procedure | Extraperitoneal cesarean section |
| 744 | ICD-9-CM | Procedure | Cesarean section of other specified type |
| 749 | ICD-9-CM | Procedure | Cesarean section of unspecified type |
| 722.1 | ICD-9-CM | Procedure | Mid forceps operation with episiotomy |
| 722.9 | ICD-9-CM | Procedure | Other mid forceps operation |
| 723.1 | ICD-9-CM | Procedure | High forceps operation with episiotomy |
| 723.9 | ICD-9-CM | Procedure | Other high forceps operation |
| 725.1 | ICD-9-CM | Procedure | Partial breech extraction with forceps to aftercoming head |
| 725.2 | ICD-9-CM | Procedure | Other partial breech extraction |
| 725.3 | ICD-9-CM | Procedure | Total breech extraction with forceps to aftercoming head |
| 725.4 | ICD-9-CM | Procedure | Other total breech extraction |
| 727.1 | ICD-9-CM | Procedure | Vacuum extraction with episiotomy |



| | | Code | |
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| Code | Code Type | Category | Description |
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| 727.9 | ICD-9-CM | Procedure | Other vacuum extraction |
| 730.1 | ICD-9-CM | Procedure | Induction of labor by artificial rupture of membranes |
| 730.9 | ICD-9-CM | Procedure | Other artificial rupture of membranes |
| 732.1 | ICD-9-CM | Procedure | Internal and combined version without extraction |
| 732.2 | ICD-9-CM | Procedure | Internal and combined version with extraction |
| 735.1 | ICD-9-CM | Procedure | Manual rotation of fetal head |
| 735.9 | ICD-9-CM | Procedure | Other manually assisted delivery |
| 739.1 | ICD-9-CM | Procedure | External version to assist delivery |
| 739.2 | ICD-9-CM | Procedure | Replacement of prolapsed umbilical cord |
| 739.3 | ICD-9-CM | Procedure | Incision of cervix to assist delivery |
| 739.4 | ICD-9-CM | Procedure | Pubiotomy to assist delivery |
| 739.9 | ICD-9-CM | Procedure | Other operations to assist delivery |
| 749.9 | ICD-9-CM | Procedure | Other cesarean section of unspecified type |
| 676.92 | ICD-9-CM | Diagnosis | Unspecified disorder of lactation, with delivery, with mention of postpartum complication |
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| 678.01 | ICD-9-CM | Diagnosis | Fetal hematologic conditions, delivered, with or without mention of antepartum condition |
| 678.11 | ICD-9-CM | Diagnosis | Fetal conjoined twins, delivered, with or without mention of antepartum condition |
| 679.01 | ICD-9-CM | Diagnosis | Maternal complications from in utero procedure, delivered, with or without mention of |
| 075.01 | ieb 5 civi | Diagnosis | antepartum condition |
| 679.02 | ICD-9-CM | Diagnosis | Maternal complications from in utero procedure, delivered, with mention of postpartum |
| 073.02 | ieb 5 em | 2106110313 | complication |
| 679.11 | ICD-9-CM | Diagnosis | Fetal complications from in utero procedure, delivered, with or without mention of |
| | | | antepartum condition |
| 679.12 | ICD-9-CM | Diagnosis | Fetal complications from in utero procedure, delivered, with mention of postpartum |
| | | | complication |
| V27 | ICD-9-CM | Diagnosis | Outcome of delivery |
| V27.0 | ICD-9-CM | Diagnosis | Outcome of delivery, single liveborn |
| V27.1 | ICD-9-CM | Diagnosis | Outcome of delivery, single stillborn |
| V27.2 | ICD-9-CM | Diagnosis | Outcome of delivery, twins, both liveborn |
| V27.3 | ICD-9-CM | Diagnosis | Outcome of delivery, twins, one liveborn and one stillborn |
| V27.4 | ICD-9-CM | Diagnosis | Outcome of delivery, twins, both stillborn |
| V27.5 | ICD-9-CM | Diagnosis | Outcome of delivery, other multiple birth, all liveborn |
| V27.6 | ICD-9-CM | Diagnosis | Outcome of delivery, other multiple birth, some liveborn |
| V27.7 | ICD-9-CM | Diagnosis | Outcome of delivery, other multiple birth, all stillborn |
| V27.9 | ICD-9-CM | Diagnosis | Outcome of delivery, unspecified |
| V30 | ICD-9-CM | Diagnosis | Single liveborn |
| V30.0 | ICD-9-CM | Diagnosis | Single liveborn, born in hospital |
| V30.00 | ICD-9-CM | Diagnosis | Single liveborn, born in hospital, delivered without mention of cesarean delivery |
| V30.01 | ICD-9-CM | Diagnosis | Single liveborn, born in hospital, delivered by cesarean delivery |
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| Code | Code Type | Category | Description |
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| V30.1 | ICD-9-CM | Diagnosis | Single liveborn, born before admission to hospital |
| V30.2 | ICD-9-CM | Diagnosis | Single liveborn, born outside hospital and not hospitalized |
| V31 | ICD-9-CM | Diagnosis | Twin birth, mate liveborn |
| V31.0 | ICD-9-CM | Diagnosis | Twin, mate liveborn, born in hospital |
| V31.00 | ICD-9-CM | Diagnosis | Twin, mate liveborn, born in hospital, delivered without mention of cesarean delivery |
| V31.01 | ICD-9-CM | Diagnosis | Twin, mate liveborn, born in hospital, delivered by cesarean delivery |
| V31.1 | ICD-9-CM | Diagnosis | Twin birth, mate liveborn, born before admission to hospital |
| V31.2 | ICD-9-CM | Diagnosis | Twin birth, mate liveborn, born outside hospital and not hospitalized |
| V32 | ICD-9-CM | Diagnosis | Twin birth, mate stillborn |
| V32.0 | ICD-9-CM | Diagnosis | Twin, mate stillborn, born in hospital |
| V32.00 | ICD-9-CM | Diagnosis | Twin, mate stillborn, born in hospital, delivered without mention of cesarean delivery |
| V32.01 | ICD-9-CM | Diagnosis | Twin, mate stillborn, born in hospital, delivered by cesarean delivery |
| V32.1 | ICD-9-CM | Diagnosis | Twin birth, mate stillborn, born before admission to hospital |
| V32.2 | ICD-9-CM | Diagnosis | Twin birth, mate stillborn, born outside hospital and not hospitalized |
| V33 | ICD-9-CM | Diagnosis | Twin birth, unspecified whether mate liveborn or stillborn |
| V33.0 | ICD-9-CM | Diagnosis | Twin, unspecified, born in hospital |
| V33.00 | ICD-9-CM | Diagnosis | Twin, unspecified whether mate stillborn or liveborn, born in hospital, delivered without mention of cesarean delivery |
| V33.01 | ICD-9-CM | Diagnosis | Twin, unspecified whether mate stillborn or liveborn, born in hospital, delivered by cesarean delivery |
| V33.1 | ICD-9-CM | Diagnosis | Twin birth, unspecified whether mate liveborn or stillborn, born before admission to hospital |
| V33.2 | ICD-9-CM | Diagnosis | Twin birth, unspecified whether mate liveborn or stillborn, born outside hospital and not hospitalized |
| V34 | ICD-9-CM | Diagnosis | Other multiple birth (three or more), mates all liveborn |
| V34.0 | ICD-9-CM | Diagnosis | Other multiple, mates all liveborn, born in hospital |
| V34.00 | ICD-9-CM | Diagnosis | Other multiple, mates all liveborn, born in hospital, delivered without mention of cesarean delivery |
| V34.01 | ICD-9-CM | Diagnosis | Other multiple, mates all liveborn, born in hospital, delivered by cesarean delivery |
| V34.1 | ICD-9-CM | Diagnosis | Other multiple birth (three or more), mates all liveborn, born before admission to hospital |
| V34.2 | ICD-9-CM | Diagnosis | Other multiple birth (three or more), mates all liveborn, born outside hospital and not hospitalized |
| V35 | ICD-9-CM | Diagnosis | Other multiple birth (three or more), mates all stillborn |
| V35.0 | ICD-9-CM | Diagnosis | Other multiple, mates all stillborn, born in hospital |
| V35.00 | ICD-9-CM | Diagnosis | Other multiple, mates all stillborn, born in hospital, delivered without mention of cesarean delivery |
| V35.01 | ICD-9-CM | Diagnosis | Other multiple, mates all stillborn, born in hospital, delivered by cesarean delivery |
| V35.1 | ICD-9-CM | Diagnosis | Other multiple birth (three or more), mates all stillborn, born before admission to hospital |



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| Code | Code Type | Category | Description |
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| V35.2 | ICD-9-CM | Diagnosis | Other multiple birth (three or more), mates all stillborn, born outside of hospital and not hospitalized |
| V36 | ICD-9-CM | Diagnosis | Other multiple birth (three or more), mates liveborn and stillborn |
| V36.0 | ICD-9-CM | Diagnosis | Other multiple, mates liveborn and stillborn, born in hospital |
| V36.00 | ICD-9-CM | Diagnosis | Other multiple, mates liveborn and stillborn, born in hospital, delivered without mention of cesarean delivery |
| V36.01 | ICD-9-CM | Diagnosis | Other multiple, mates liveborn and stillborn, born in hospital, delivered by cesarean delivery |
| V36.1 | ICD-9-CM | Diagnosis | Other multiple birth (three or more), mates liveborn and stillborn, born before admission to hospital |
| V36.2 | ICD-9-CM | Diagnosis | Other multiple birth (three or more), mates liveborn and stillborn, born outside hospital and not hospitalized |
| V37 | ICD-9-CM | Diagnosis | Other multiple birth (three or more), unspecified whether mates liveborn or stillborn |
| V37.0 | ICD-9-CM | Diagnosis | Other multiple, unspecified whether mates stillborn or liveborn, born in hospital |
| V37.00 | ICD-9-CM | Diagnosis | Other multiple, unspecified whether mates stillborn or liveborn, born in hospital, delivered without mention of cesarean delivery |
| V37.01 | ICD-9-CM | Diagnosis | Other multiple, unspecified whether mates stillborn or liveborn, born in hospital, delivered by cesarean delivery |
| V37.1 | ICD-9-CM | Diagnosis | Other multiple birth (three or more), unspecified whether mates liveborn or stillborn, born before admission to hospital |
| V37.2 | ICD-9-CM | Diagnosis | Other multiple birth (three or more), unspecified whether mates liveborn or stillborn, born outside of hospital |
| V39 | ICD-9-CM | Diagnosis | Liveborn, unspecified whether single, twin, or multiple |
| V39.0 | ICD-9-CM | Diagnosis | Other liveborn, unspecified whether single, twin, or multiple, born in hospital |
| V39.00 | ICD-9-CM | Diagnosis | Liveborn infant, unspecified whether single, twin, or multiple, born in hospital, delivered without mention of cesarean delivery |
| V39.01 | ICD-9-CM | Diagnosis | Liveborn infant, unspecified whether single, twin, or multiple, born in hospital, delivered by cesarean |
| V39.1 | ICD-9-CM | Diagnosis | Liveborn, unspecified whether single, twin or multiple, born before admission to hospital |
| V39.2 | ICD-9-CM | Diagnosis | Liveborn, unspecified whether single, twin or multiple, born outside hospital and not hospitalized |
| 010.02 | ICD-10-CM | Diagnosis | Pre-existing essential hypertension complicating childbirth |
| 010.12 | ICD-10-CM | Diagnosis | Pre-existing hypertensive heart disease complicating childbirth |
| 010.22 | ICD-10-CM | Diagnosis | Pre-existing hypertensive chronic kidney disease complicating childbirth |
| 010.32 | ICD-10-CM | Diagnosis | Pre-existing hypertensive heart and chronic kidney disease complicating childbirth |
| 010.42 | ICD-10-CM | Diagnosis | Pre-existing secondary hypertension complicating childbirth |
| 010.92 | ICD-10-CM | Diagnosis | Unspecified pre-existing hypertension complicating childbirth |
| 011.4 | ICD-10-CM | Diagnosis | Pre-existing hypertension with pre-eclampsia, complicating childbirth |
| 012.04 | ICD-10-CM | Diagnosis | Gestational edema, complicating childbirth |
| 012.14 | ICD-10-CM | Diagnosis | Gestational proteinuria, complicating childbirth |



| O12.24 ICD-10-CM Diagnosis Gestational edema with proteinuria, complicating childbirth O13.4 ICD-10-CM Diagnosis Gestational [pregnancy-induced] hypertension without significant proteinuria, complicating childbirth O14.04 ICD-10-CM Diagnosis Mild to moderate pre-eclampsia, complicating childbirth O14.14 ICD-10-CM Diagnosis Severe pre-eclampsia complicating childbirth O14.24 ICD-10-CM Diagnosis HELLP syndrome, complicating childbirth O14.94 ICD-10-CM Diagnosis Unspecified pre-eclampsia, complicating childbirth O16.4 ICD-10-CM Diagnosis Unspecified maternal hypertension, complicating childbirth O24.02 ICD-10-CM Diagnosis Pre-existing type 1 diabetes mellitus, in childbirth O24.12 ICD-10-CM Diagnosis Pre-existing type 2 diabetes mellitus, in childbirth O24.32 ICD-10-CM Diagnosis Gestational diabetes mellitus in childbirth, diet controlled | | Code Ture | | Code | Description |
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| O13.4 ICD-10-CM Diagnosis Gestational [pregnancy-induced] hypertension without significant proteinuria, complicating childbirth O14.04 ICD-10-CM Diagnosis Mild to moderate pre-eclampsia, complicating childbirth O14.14 ICD-10-CM Diagnosis Severe pre-eclampsia complicating childbirth O14.24 ICD-10-CM Diagnosis HELLP syndrome, complicating childbirth O14.94 ICD-10-CM Diagnosis Unspecified pre-eclampsia, complicating childbirth O16.4 ICD-10-CM Diagnosis Unspecified maternal hypertension, complicating childbirth O24.02 ICD-10-CM Diagnosis Pre-existing type 1 diabetes mellitus, in childbirth O24.12 ICD-10-CM Diagnosis Pre-existing type 2 diabetes mellitus, in childbirth O24.32 ICD-10-CM Diagnosis Gestational diabetes mellitus in childbirth, diet controlled | Code | code Type | Loue Type | Category | Description |
| O13.4 ICD-10-CM Diagnosis Gestational [pregnancy-induced] hypertension without significant proteinuria, complicating childbirth O14.04 ICD-10-CM Diagnosis Mild to moderate pre-eclampsia, complicating childbirth O14.14 ICD-10-CM Diagnosis Severe pre-eclampsia complicating childbirth O14.24 ICD-10-CM Diagnosis HELLP syndrome, complicating childbirth O14.94 ICD-10-CM Diagnosis Unspecified pre-eclampsia, complicating childbirth O16.4 ICD-10-CM Diagnosis Unspecified maternal hypertension, complicating childbirth O24.02 ICD-10-CM Diagnosis Pre-existing type 1 diabetes mellitus, in childbirth O24.12 ICD-10-CM Diagnosis Pre-existing type 2 diabetes mellitus, in childbirth O24.32 ICD-10-CM Diagnosis Gestational diabetes mellitus in childbirth, diet controlled | 012.24 | ICD-10-CM | CD-10-CM | Diagnosis | Gestational edema with proteinuria, complicating childhirth |
| childbirth O14.04 ICD-10-CM Diagnosis Mild to moderate pre-eclampsia, complicating childbirth O14.14 ICD-10-CM Diagnosis Severe pre-eclampsia complicating childbirth O14.24 ICD-10-CM Diagnosis HELLP syndrome, complicating childbirth O14.94 ICD-10-CM Diagnosis Unspecified pre-eclampsia, complicating childbirth O16.4 ICD-10-CM Diagnosis Unspecified maternal hypertension, complicating childbirth O24.02 ICD-10-CM Diagnosis Pre-existing type 1 diabetes mellitus, in childbirth O24.12 ICD-10-CM Diagnosis Pre-existing type 2 diabetes mellitus, in childbirth O24.32 ICD-10-CM Diagnosis Unspecified pre-existing diabetes mellitus in childbirth O24.420 ICD-10-CM Diagnosis Gestational diabetes mellitus in childbirth, diet controlled | | | | _ | |
| O14.04 ICD-10-CM Diagnosis Mild to moderate pre-eclampsia, complicating childbirth O14.14 ICD-10-CM Diagnosis Severe pre-eclampsia complicating childbirth O14.24 ICD-10-CM Diagnosis HELLP syndrome, complicating childbirth O14.94 ICD-10-CM Diagnosis Unspecified pre-eclampsia, complicating childbirth O16.4 ICD-10-CM Diagnosis Unspecified maternal hypertension, complicating childbirth O24.02 ICD-10-CM Diagnosis Pre-existing type 1 diabetes mellitus, in childbirth O24.12 ICD-10-CM Diagnosis Pre-existing type 2 diabetes mellitus, in childbirth O24.32 ICD-10-CM Diagnosis Unspecified pre-existing diabetes mellitus in childbirth O24.420 ICD-10-CM Diagnosis Gestational diabetes mellitus in childbirth, diet controlled | 015.4 | ICD-10-CIVI | CD-10-CIVI | Diagnosis | |
| O14.24 ICD-10-CM Diagnosis HELLP syndrome, complicating childbirth O14.94 ICD-10-CM Diagnosis Unspecified pre-eclampsia, complicating childbirth O16.4 ICD-10-CM Diagnosis Unspecified maternal hypertension, complicating childbirth O24.02 ICD-10-CM Diagnosis Pre-existing type 1 diabetes mellitus, in childbirth O24.12 ICD-10-CM Diagnosis Pre-existing type 2 diabetes mellitus, in childbirth O24.32 ICD-10-CM Diagnosis Unspecified pre-existing diabetes mellitus in childbirth O24.420 ICD-10-CM Diagnosis Gestational diabetes mellitus in childbirth, diet controlled | 014.04 | ICD-10-CM | CD-10-CM | Diagnosis | |
| O14.94 ICD-10-CM Diagnosis Unspecified pre-eclampsia, complicating childbirth O16.4 ICD-10-CM Diagnosis Unspecified maternal hypertension, complicating childbirth O24.02 ICD-10-CM Diagnosis Pre-existing type 1 diabetes mellitus, in childbirth O24.12 ICD-10-CM Diagnosis Pre-existing type 2 diabetes mellitus, in childbirth O24.32 ICD-10-CM Diagnosis Unspecified pre-existing diabetes mellitus in childbirth O24.420 ICD-10-CM Diagnosis Gestational diabetes mellitus in childbirth, diet controlled | 014.14 | ICD-10-CM | | _ | |
| O14.94 ICD-10-CM Diagnosis Unspecified pre-eclampsia, complicating childbirth O16.4 ICD-10-CM Diagnosis Unspecified maternal hypertension, complicating childbirth O24.02 ICD-10-CM Diagnosis Pre-existing type 1 diabetes mellitus, in childbirth O24.12 ICD-10-CM Diagnosis Pre-existing type 2 diabetes mellitus, in childbirth O24.32 ICD-10-CM Diagnosis Unspecified pre-existing diabetes mellitus in childbirth O24.420 ICD-10-CM Diagnosis Gestational diabetes mellitus in childbirth, diet controlled | 014.24 | ICD-10-CM | CD-10-CM | Diagnosis | HELLP syndrome, complicating childbirth |
| O24.02 ICD-10-CM Diagnosis Pre-existing type 1 diabetes mellitus, in childbirth O24.12 ICD-10-CM Diagnosis Pre-existing type 2 diabetes mellitus, in childbirth O24.32 ICD-10-CM Diagnosis Unspecified pre-existing diabetes mellitus in childbirth O24.420 ICD-10-CM Diagnosis Gestational diabetes mellitus in childbirth, diet controlled | 014.94 | ICD-10-CM | CD-10-CM | Diagnosis | Unspecified pre-eclampsia, complicating childbirth |
| O24.12 ICD-10-CM Diagnosis Pre-existing type 2 diabetes mellitus, in childbirth O24.32 ICD-10-CM Diagnosis Unspecified pre-existing diabetes mellitus in childbirth O24.420 ICD-10-CM Diagnosis Gestational diabetes mellitus in childbirth, diet controlled | 016.4 | ICD-10-CM | CD-10-CM | Diagnosis | Unspecified maternal hypertension, complicating childbirth |
| O24.32 ICD-10-CM Diagnosis Unspecified pre-existing diabetes mellitus in childbirth O24.420 ICD-10-CM Diagnosis Gestational diabetes mellitus in childbirth, diet controlled | 024.02 | ICD-10-CM | CD-10-CM | Diagnosis | Pre-existing type 1 diabetes mellitus, in childbirth |
| O24.420 ICD-10-CM Diagnosis Gestational diabetes mellitus in childbirth, diet controlled | 024.12 | ICD-10-CM | CD-10-CM | Diagnosis | Pre-existing type 2 diabetes mellitus, in childbirth |
| | 024.32 | ICD-10-CM | CD-10-CM | Diagnosis | Unspecified pre-existing diabetes mellitus in childbirth |
| O24.424 ICD-10-CM Diagnosis Gestational diabetes mellitus in childbirth, insulin controlled | 024.420 | ICD-10-CM | CD-10-CM | Diagnosis | Gestational diabetes mellitus in childbirth, diet controlled |
| | 024.424 | ICD-10-CM | CD-10-CM | Diagnosis | Gestational diabetes mellitus in childbirth, insulin controlled |
| O24.425 ICD-10-CM Diagnosis Gestational diabetes mellitus in childbirth, controlled by oral hypoglycemic drugs | 024.425 | ICD-10-CM | CD-10-CM | Diagnosis | Gestational diabetes mellitus in childbirth, controlled by oral hypoglycemic drugs |
| O24.429 ICD-10-CM Diagnosis Gestational diabetes mellitus in childbirth, unspecified control | 024.429 | ICD-10-CM | CD-10-CM | Diagnosis | Gestational diabetes mellitus in childbirth, unspecified control |
| O24.82 ICD-10-CM Diagnosis Other pre-existing diabetes mellitus in childbirth | 024.82 | ICD-10-CM | CD-10-CM | Diagnosis | Other pre-existing diabetes mellitus in childbirth |
| O24.92 ICD-10-CM Diagnosis Unspecified diabetes mellitus in childbirth | 024.92 | ICD-10-CM | CD-10-CM | Diagnosis | Unspecified diabetes mellitus in childbirth |
| O25.2 ICD-10-CM Diagnosis Malnutrition in childbirth | 025.2 | ICD-10-CM | CD-10-CM | Diagnosis | Malnutrition in childbirth |
| O26.62 ICD-10-CM Diagnosis Liver and biliary tract disorders in childbirth | 026.62 | ICD-10-CM | CD-10-CM | Diagnosis | Liver and biliary tract disorders in childbirth |
| O26.72 ICD-10-CM Diagnosis Subluxation of symphysis (pubis) in childbirth | 026.72 | ICD-10-CM | CD-10-CM | Diagnosis | Subluxation of symphysis (pubis) in childbirth |
| O60.12X0 ICD-10-CM Diagnosis Preterm labor second trimester with preterm delivery second trimester, not applicable or | O60.12X0 | ICD-10-CM | CD-10-CM | Diagnosis | Preterm labor second trimester with preterm delivery second trimester, not applicable or |
| unspecified | | | | | unspecified |
| O60.12X1 ICD-10-CM Diagnosis Preterm labor second trimester with preterm delivery second trimester, fetus 1 | O60.12X1 | ICD-10-CM | CD-10-CM | Diagnosis | Preterm labor second trimester with preterm delivery second trimester, fetus 1 |
| O60.12X2 ICD-10-CM Diagnosis Preterm labor second trimester with preterm delivery second trimester, fetus 2 | O60.12X2 | ICD-10-CM | CD-10-CM | Diagnosis | Preterm labor second trimester with preterm delivery second trimester, fetus 2 |
| O60.12X3 ICD-10-CM Diagnosis Preterm labor second trimester with preterm delivery second trimester, fetus 3 | O60.12X3 | ICD-10-CM | CD-10-CM | Diagnosis | Preterm labor second trimester with preterm delivery second trimester, fetus 3 |
| O60.12X4 ICD-10-CM Diagnosis Preterm labor second trimester with preterm delivery second trimester, fetus 4 | O60.12X4 | ICD-10-CM | CD-10-CM | Diagnosis | Preterm labor second trimester with preterm delivery second trimester, fetus 4 |
| O60.12X5 ICD-10-CM Diagnosis Preterm labor second trimester with preterm delivery second trimester, fetus 5 | O60.12X5 | ICD-10-CM | CD-10-CM | Diagnosis | Preterm labor second trimester with preterm delivery second trimester, fetus 5 |
| O60.12X9 ICD-10-CM Diagnosis Preterm labor second trimester with preterm delivery second trimester, other fetus | O60.12X9 | ICD-10-CM | CD-10-CM | Diagnosis | Preterm labor second trimester with preterm delivery second trimester, other fetus |
| O60.13X0 ICD-10-CM Diagnosis Preterm labor second trimester with preterm delivery third trimester, not applicable or | O60.13X0 | ICD-10-CM | CD-10-CM | Diagnosis | Preterm labor second trimester with preterm delivery third trimester, not applicable or |
| unspecified | | | | | unspecified |
| O60.13X1 ICD-10-CM Diagnosis Preterm labor second trimester with preterm delivery third trimester, fetus 1 | O60.13X1 | ICD-10-CM | CD-10-CM | Diagnosis | Preterm labor second trimester with preterm delivery third trimester, fetus 1 |
| O60.13X2 ICD-10-CM Diagnosis Preterm labor second trimester with preterm delivery third trimester, fetus 2 | O60.13X2 | ICD-10-CM | CD-10-CM | Diagnosis | Preterm labor second trimester with preterm delivery third trimester, fetus 2 |
| O60.13X3 ICD-10-CM Diagnosis Preterm labor second trimester with preterm delivery third trimester, fetus 3 | O60.13X3 | ICD-10-CM | CD-10-CM | Diagnosis | Preterm labor second trimester with preterm delivery third trimester, fetus 3 |
| O60.13X4 ICD-10-CM Diagnosis Preterm labor second trimester with preterm delivery third trimester, fetus 4 | O60.13X4 | ICD-10-CM | CD-10-CM | Diagnosis | Preterm labor second trimester with preterm delivery third trimester, fetus 4 |
| O60.13X5 ICD-10-CM Diagnosis Preterm labor second trimester with preterm delivery third trimester, fetus 5 | O60.13X5 | ICD-10-CM | CD-10-CM | Diagnosis | Preterm labor second trimester with preterm delivery third trimester, fetus 5 |
| O60.13X9 ICD-10-CM Diagnosis Preterm labor second trimester with preterm delivery third trimester, other fetus | | | | Diagnosis | Preterm labor second trimester with preterm delivery third trimester, other fetus |
| O60.14X0 ICD-10-CM Diagnosis Preterm labor third trimester with preterm delivery third trimester, not applicable or unspecified | O60.14X0 | ICD-10-CM | CD-10-CM | Diagnosis | |
| O60.14X1 ICD-10-CM Diagnosis Preterm labor third trimester with preterm delivery third trimester, fetus 1 | O60.14X1 | ICD-10-CM | CD-10-CM | Diagnosis | Preterm labor third trimester with preterm delivery third trimester, fetus 1 |
| O60.14X2 ICD-10-CM Diagnosis Preterm labor third trimester with preterm delivery third trimester, fetus 2 | O60.14X2 | ICD-10-CM | CD-10-CM | Diagnosis | Preterm labor third trimester with preterm delivery third trimester, fetus 2 |



| Code Code Type Category Description 060.14X3 ICD-10-CM Diagnosis Preterm labor third trimester with preterm delivery third trimester, fetus 3 060.14X3 ICD-10-CM Diagnosis Preterm labor third trimester with preterm delivery third trimester, fetus 4 060.14X9 ICD-10-CM Diagnosis Preterm labor third trimester with preterm delivery third trimester, fetus 5 060.22X1 ICD-10-CM Diagnosis Term delivery with preterm labor, second trimester, not applicable or unspecified 060.22X1 ICD-10-CM Diagnosis Term delivery with preterm labor, second trimester, fetus 3 060.22X2 ICD-10-CM Diagnosis Term delivery with preterm labor, second trimester, fetus 3 060.22X3 ICD-10-CM Diagnosis Term delivery with preterm labor, second trimester, fetus 3 060.22X3 ICD-10-CM Diagnosis Term delivery with preterm labor, second trimester, fetus 5 060.23X1 ICD-10-CM Diagnosis Term delivery with preterm labor, second trimester, fetus 5 060.23X2 ICD-10-CM Diagnosis Term delivery with preterm labor, third trimester, fetus 5 060.23X3 ICD-10-CM Diagnosis | | | Code | |
|--|----------|-----------|-----------|---|
| O60.14X4ICD-10-CMDiagnosisPreterm labor third trimester with preterm delivery third trimester, fetus 4O60.14X5ICD-10-CMDiagnosisPreterm labor third trimester with preterm delivery third trimester, fetus 5O60.22X0ICD-10-CMDiagnosisTerm delivery with preterm labor, second trimester, not applicable or unspecifiedO60.22X1ICD-10-CMDiagnosisTerm delivery with preterm labor, second trimester, fetus 1O60.22X2ICD-10-CMDiagnosisTerm delivery with preterm labor, second trimester, fetus 2O60.22X3ICD-10-CMDiagnosisTerm delivery with preterm labor, second trimester, fetus 3O60.22X4ICD-10-CMDiagnosisTerm delivery with preterm labor, second trimester, fetus 4O60.22X5ICD-10-CMDiagnosisTerm delivery with preterm labor, second trimester, fetus 4O60.23X0ICD-10-CMDiagnosisTerm delivery with preterm labor, second trimester, fetus 4O60.23X1ICD-10-CMDiagnosisTerm delivery with preterm labor, second trimester, fetus 5O60.23X2ICD-10-CMDiagnosisTerm delivery with preterm labor, third trimester, fetus 3O60.23X3ICD-10-CMDiagnosisTerm delivery with preterm labor, third trimester, fetus 3O60.23X4ICD-10-CMDiagnosisTerm delivery with preterm labor, third trimester, fetus 3O60.23X5ICD-10-CMDiagnosisTerm delivery with preterm labor, third trimester, fetus 4O60.23X6ICD-10-CMDiagnosisTerm delivery with preterm labor, third trimester, fetus 3O60.23X6ICD-10-CM <th>Code</th> <th>Code Type</th> <th>Category</th> <th>Description</th> | Code | Code Type | Category | Description |
| O60.14X4ICD-10-CMDiagnosisPreterm labor third trimester with preterm delivery third trimester, fetus 4O60.14X5ICD-10-CMDiagnosisPreterm labor third trimester with preterm delivery third trimester, fetus 5O60.22X0ICD-10-CMDiagnosisTerm delivery with preterm labor, second trimester, not applicable or unspecifiedO60.22X1ICD-10-CMDiagnosisTerm delivery with preterm labor, second trimester, fetus 1O60.22X2ICD-10-CMDiagnosisTerm delivery with preterm labor, second trimester, fetus 2O60.22X3ICD-10-CMDiagnosisTerm delivery with preterm labor, second trimester, fetus 3O60.22X4ICD-10-CMDiagnosisTerm delivery with preterm labor, second trimester, fetus 4O60.22X5ICD-10-CMDiagnosisTerm delivery with preterm labor, second trimester, fetus 4O60.23X0ICD-10-CMDiagnosisTerm delivery with preterm labor, second trimester, fetus 4O60.23X1ICD-10-CMDiagnosisTerm delivery with preterm labor, second trimester, fetus 3O60.23X2ICD-10-CMDiagnosisTerm delivery with preterm labor, third trimester, fetus 3O60.23X3ICD-10-CMDiagnosisTerm delivery with preterm labor, third trimester, fetus 3O60.23X4ICD-10-CMDiagnosisTerm delivery with preterm labor, third trimester, fetus 3O60.23X5ICD-10-CMDiagnosisTerm delivery with preterm labor, third trimester, fetus 4O60.23X6ICD-10-CMDiagnosisTerm delivery with preterm labor, third trimester, fetus 3O60.23X6ICD-10-CM <th></th> <th></th> <th></th> <th></th> | | | | |
| O60.14X5ICD-10-CMDiagnosisPreterm labor third trimester with preterm delivery third trimester, fetus 5O60.12X9ICD-10-CMDiagnosisPreterm labor third trimester with preterm delivery third trimester, other fetus060.22X1ICD-10-CMDiagnosisTerm delivery with preterm labor, second trimester, fetus 1060.22X2ICD-10-CMDiagnosisTerm delivery with preterm labor, second trimester, fetus 2060.22X3ICD-10-CMDiagnosisTerm delivery with preterm labor, second trimester, fetus 3060.22X1ICD-10-CMDiagnosisTerm delivery with preterm labor, second trimester, fetus 4060.22X2ICD-10-CMDiagnosisTerm delivery with preterm labor, second trimester, fetus 5060.23X1ICD-10-CMDiagnosisTerm delivery with preterm labor, second trimester, other fetus060.23X1ICD-10-CMDiagnosisTerm delivery with preterm labor, third trimester, netus 5060.23X2ICD-10-CMDiagnosisTerm delivery with preterm labor, third trimester, fetus 2060.23X2ICD-10-CMDiagnosisTerm delivery with preterm labor, third trimester, fetus 3060.23X3ICD-10-CMDiagnosisTerm delivery with preterm labor, third trimester, fetus 3060.23X3ICD-10-CMDiagnosisTerm delivery with preterm labor, third trimester, fetus 3060.23X3ICD-10-CMDiagnosisTerm delivery with preterm labor, third trimester, fetus 3060.23X4ICD-10-CMDiagnosisTerm delivery trimester, fetus 5060.23X5ICD-10-CMDiagnosisTerm delivery trim | O60.14X3 | ICD-10-CM | Diagnosis | Preterm labor third trimester with preterm delivery third trimester, fetus 3 |
| 060.14X9ICD-10-CMDiagnosisPreterm labor third trimester with preterm delivery third trimester, other fetus060.22X1ICD-10-CMDiagnosisTerm delivery with preterm labor, second trimester, not applicable or unspecified060.22X2ICD-10-CMDiagnosisTerm delivery with preterm labor, second trimester, fetus 2060.22X3ICD-10-CMDiagnosisTerm delivery with preterm labor, second trimester, fetus 3060.22X4ICD-10-CMDiagnosisTerm delivery with preterm labor, second trimester, fetus 4060.22X9ICD-10-CMDiagnosisTerm delivery with preterm labor, second trimester, fetus 5060.23X0ICD-10-CMDiagnosisTerm delivery with preterm labor, second trimester, other fetus060.23X1ICD-10-CMDiagnosisTerm delivery with preterm labor, second trimester, other fetus060.23X2ICD-10-CMDiagnosisTerm delivery with preterm labor, third trimester, fetus 3060.23X3ICD-10-CMDiagnosisTerm delivery with preterm labor, third trimester, fetus 3060.23X4ICD-10-CMDiagnosisTerm delivery with preterm labor, third trimester, fetus 4060.23X9ICD-10-CMDiagnosisTerm delivery with preterm labor, third trimester, fetus 5060.23X9ICD-10-CMDiagnosisTerm delivery with preterm labor, third trimester, fetus 5063.2ICD-10-CMDiagnosisTerm delivery with preterm labor, third trimester, fetus 5063.2ICD-10-CMDiagnosisIntrapartum hemorrhage unspecified065.3ICD-10-CMDiagnosisIntrapartum hemo | O60.14X4 | ICD-10-CM | Diagnosis | Preterm labor third trimester with preterm delivery third trimester, fetus 4 |
| 060.22X0ICD-10-CMDiagnosisTerm delivery with preterm labor, second trimester, not applicable or unspecified060.22X2ICD-10-CMDiagnosisTerm delivery with preterm labor, second trimester, fetus 1060.22X3ICD-10-CMDiagnosisTerm delivery with preterm labor, second trimester, fetus 2060.22X4ICD-10-CMDiagnosisTerm delivery with preterm labor, second trimester, fetus 3060.22X5ICD-10-CMDiagnosisTerm delivery with preterm labor, second trimester, fetus 5060.23X0ICD-10-CMDiagnosisTerm delivery with preterm labor, second trimester, other fetus060.23X1ICD-10-CMDiagnosisTerm delivery with preterm labor, second trimester, other fetus060.23X1ICD-10-CMDiagnosisTerm delivery with preterm labor, third trimester, fetus 1060.23X1ICD-10-CMDiagnosisTerm delivery with preterm labor, third trimester, fetus 2060.23X2ICD-10-CMDiagnosisTerm delivery with preterm labor, third trimester, fetus 3060.23X3ICD-10-CMDiagnosisTerm delivery with preterm labor, third trimester, fetus 4060.23X4ICD-10-CMDiagnosisTerm delivery with preterm labor, third trimester, fetus 5060.23X5ICD-10-CMDiagnosisTerm delivery with preterm labor, third trimester, fetus 4060.23X6ICD-10-CMDiagnosisIntrapartum hemorrhage with coagulation defect067.9ICD-10-CMDiagnosisIntrapartum hemorrhage with coagulation defect068.ICD-10-CMDiagnosisLabor and delivery complicated by pr | O60.14X5 | ICD-10-CM | Diagnosis | Preterm labor third trimester with preterm delivery third trimester, fetus 5 |
| 060.22X1ICD-10-CMDiagnosisTerm delivery with preterm labor, second trimester, fetus 1060.22X2ICD-10-CMDiagnosisTerm delivery with preterm labor, second trimester, fetus 2060.22X3ICD-10-CMDiagnosisTerm delivery with preterm labor, second trimester, fetus 4060.22X5ICD-10-CMDiagnosisTerm delivery with preterm labor, second trimester, fetus 5060.22X9ICD-10-CMDiagnosisTerm delivery with preterm labor, second trimester, fetus 5060.23X1ICD-10-CMDiagnosisTerm delivery with preterm labor, second trimester, other fetus060.23X2ICD-10-CMDiagnosisTerm delivery with preterm labor, third trimester, not applicable or unspecified060.23X3ICD-10-CMDiagnosisTerm delivery with preterm labor, third trimester, fetus 2060.23X3ICD-10-CMDiagnosisTerm delivery with preterm labor, third trimester, fetus 3060.23X3ICD-10-CMDiagnosisTerm delivery with preterm labor, third trimester, fetus 4060.23X3ICD-10-CMDiagnosisTerm delivery with preterm labor, third trimester, fetus 5060.23X3ICD-10-CMDiagnosisTerm delivery with preterm labor, third trimester, fetus 4060.23X3ICD-10-CMDiagnosisTerm delivery with preterm labor, third trimester, fetus 4062.23X3ICD-10-CMDiagnosisIntrapartum hemorrhage067.9ICD-10-CMDiagnosisIntrapartum hemorrhage067.9ICD-10-CMDiagnosisLabor and delivery complicated by prolapse of cord, fetus 1069.0XX1 <td>O60.14X9</td> <td>ICD-10-CM</td> <td>Diagnosis</td> <td>Preterm labor third trimester with preterm delivery third trimester, other fetus</td> | O60.14X9 | ICD-10-CM | Diagnosis | Preterm labor third trimester with preterm delivery third trimester, other fetus |
| O60.22X2ICD-10-CMDiagnosisTerm delivery with pretern labor, second trimester, fetus 2O60.22X3ICD-10-CMDiagnosisTerm delivery with pretern labor, second trimester, fetus 4O60.22X4ICD-10-CMDiagnosisTerm delivery with pretern labor, second trimester, fetus 5O60.22X5ICD-10-CMDiagnosisTerm delivery with pretern labor, second trimester, other fetusO60.23X0ICD-10-CMDiagnosisTerm delivery with pretern labor, second trimester, other fetusO60.23X1ICD-10-CMDiagnosisTerm delivery with pretern labor, third trimester, fetus 1O60.23X2ICD-10-CMDiagnosisTerm delivery with pretern labor, third trimester, fetus 2O60.23X3ICD-10-CMDiagnosisTerm delivery with pretern labor, third trimester, fetus 3O60.23X4ICD-10-CMDiagnosisTerm delivery with pretern labor, third trimester, fetus 3O60.23X5ICD-10-CMDiagnosisTerm delivery with pretern labor, third trimester, fetus 3O60.23X6ICD-10-CMDiagnosisTerm delivery delivery delivery delivery delivery delivery free trimester, fetus 3O60.23X6ICD-10-CMDiagnosisDelayed delivery | O60.22X0 | ICD-10-CM | Diagnosis | Term delivery with preterm labor, second trimester, not applicable or unspecified |
| O60.22X3ICD-10-CMDiagnosisTerm delivery with pretern labor, second trimester, fetus 3O60.22X4ICD-10-CMDiagnosisTerm delivery with pretern labor, second trimester, fetus 5O60.22X5ICD-10-CMDiagnosisTerm delivery with pretern labor, second trimester, other fetusO60.23X0ICD-10-CMDiagnosisTerm delivery with pretern labor, second trimester, other fetusO60.23X1ICD-10-CMDiagnosisTerm delivery with pretern labor, third trimester, fetus 1O60.23X2ICD-10-CMDiagnosisTerm delivery with pretern labor, third trimester, fetus 2O60.23X3ICD-10-CMDiagnosisTerm delivery with pretern labor, third trimester, fetus 3O60.23X4ICD-10-CMDiagnosisTerm delivery with pretern labor, third trimester, fetus 3O60.23X5ICD-10-CMDiagnosisTerm delivery with pretern labor, third trimester, fetus 4O60.23X6ICD-10-CMDiagnosisTerm delivery with pretern labor, third trimester, fetus 5O60.23X9ICD-10-CMDiagnosisTerm delivery with pretern labor, third trimester, fetus 5O60.23X9ICD-10-CMDiagnosisTerm delivery with pretern labor, third trimester, fetus 5O67.0ICD-10-CMDiagnosisTerm delivery with pretern labor, third trimester, fetus 4O69.0XX1ICD-10-CMDiagnosisTerm delivery with pretern labor, third trimester, fetus 4O69.0XX2ICD-10-CMDiagnosisDiagnosisIntrapartum hemorrhageO69.0XX2ICD-10-CMDiagnosisLabor and delivery complicated by prolapse of cord, | O60.22X1 | ICD-10-CM | Diagnosis | Term delivery with preterm labor, second trimester, fetus 1 |
| O60.22X4ICD-10-CMDiagnosisTerm delivery with preterm labor, second trimester, fetus 4O60.22X5ICD-10-CMDiagnosisTerm delivery with preterm labor, second trimester, fetus 5O60.22X9ICD-10-CMDiagnosisTerm delivery with preterm labor, second trimester, other fetusO60.23X1ICD-10-CMDiagnosisTerm delivery with preterm labor, third trimester, not applicable or unspecifiedO60.23X2ICD-10-CMDiagnosisTerm delivery with preterm labor, third trimester, fetus 1O60.23X3ICD-10-CMDiagnosisTerm delivery with preterm labor, third trimester, fetus 3O60.23X4ICD-10-CMDiagnosisTerm delivery with preterm labor, third trimester, fetus 3O60.23X5ICD-10-CMDiagnosisTerm delivery with preterm labor, third trimester, fetus 4O60.23X6ICD-10-CMDiagnosisTerm delivery with preterm labor, third trimester, fetus 5O60.23X7ICD-10-CMDiagnosisTerm delivery with preterm labor, third trimester, fetus 4O63.2ICD-10-CMDiagnosisTerm delivery with preterm labor, third trimester, fetus 5O63.2ICD-10-CMDiagnosisDelayed delivery of second twin, triplet, etcO67.8ICD-10-CMDiagnosisDiagnosisDelayed delivery of second twin, triplet, etcO67.9ICD-10-CMDiagnosisLabor and delivery complicated by prolapse of cord, not applicable or unspecifiedO69.0XX1ICD-10-CMDiagnosisLabor and delivery complicated by prolapse of cord, fetus 1O69.0XX2ICD-10-CMDiagnosisLabor and | O60.22X2 | ICD-10-CM | Diagnosis | Term delivery with preterm labor, second trimester, fetus 2 |
| O60.22X5 ICD-10-CMDiagnosisTerm delivery with preterm labor, second trimester, etus 5O60.23X0 ICD-10-CMDiagnosisTerm delivery with preterm labor, second trimester, other fetusO60.23X1 ICD-10-CMDiagnosisTerm delivery with preterm labor, third trimester, not applicable or unspecifiedO60.23X2 ICD-10-CMDiagnosisTerm delivery with preterm labor, third trimester, fetus 1O60.23X3 ICD-10-CMDiagnosisTerm delivery with preterm labor, third trimester, fetus 2O60.23X4 ICD-10-CMDiagnosisTerm delivery with preterm labor, third trimester, fetus 3O60.23X5 ICD-10-CMDiagnosisTerm delivery with preterm labor, third trimester, fetus 4O60.23X6 ICD-10-CMDiagnosisTerm delivery with preterm labor, third trimester, fetus 5O60.23X9 ICD-10-CMDiagnosisTerm delivery with preterm labor, third trimester, other fetusO63.2 ICD-10-CMDiagnosisDelayed delivery of second twin, triplet, etcO67.9 ICD-10-CMDiagnosisIntrapartum hemorrhage with coagulation defectO67.9 ICD-10-CMDiagnosisOther intrapartum hemorrhageO69.0XX1 ICD-10-CMDiagnosisLabor and delivery complicated by prolapse of cord, not applicable or unspecifiedO69.0XX2 ICD-10-CMDiagnosisLabor and delivery complicated by prolapse of cord, fetus 2O69.0XX3 ICD-10-CMDiagnosisLabor and delivery complicated by prolapse of cord, fetus 3O69.0XX3 ICD-10-CMDiagnosisLabor and delivery complicated by prolapse of cord, fetus 4O69.0XX3 ICD-10-CMDiagnosisLabor and delivery complicated by prolapse of cord, fetu | O60.22X3 | ICD-10-CM | Diagnosis | Term delivery with preterm labor, second trimester, fetus 3 |
| 060.22X9 ICD-10-CMDiagnosisTerm delivery with preterm labor, second trimester, other fetus060.23X1 ICD-10-CMDiagnosisTerm delivery with preterm labor, third trimester, fetus 1060.23X2 ICD-10-CMDiagnosisTerm delivery with preterm labor, third trimester, fetus 2060.23X3 ICD-10-CMDiagnosisTerm delivery with preterm labor, third trimester, fetus 3060.23X4 ICD-10-CMDiagnosisTerm delivery with preterm labor, third trimester, fetus 4060.23X5 ICD-10-CMDiagnosisTerm delivery with preterm labor, third trimester, fetus 5060.23X1 ICD-10-CMDiagnosisTerm delivery with preterm labor, third trimester, other fetus060.23X1 ICD-10-CMDiagnosisTerm delivery with preterm labor, third trimester, other fetus060.23X1 ICD-10-CMDiagnosisTerm delivery with preterm labor, third trimester, other fetus063.2 ICD-10-CMDiagnosisTerm delivery with preterm labor, third trimester, other fetus067.0 ICD-10-CMDiagnosisDelayed delivery of second twin, triplet, etc067.0 ICD-10-CMDiagnosisIntrapartum hemorrhage with coagulation defect067.9 ICD-10-CMDiagnosisLabor and delivery complicated by abnormality of fetal acid-base balance069.0XX1 ICD-10-CMDiagnosisLabor and delivery complicated by prolapse of cord, not applicable or unspecified069.0XX2 ICD-10-CMDiagnosisLabor and delivery complicated by prolapse of cord, fetus 3069.0XX3 ICD-10-CMDiagnosisLabor and delivery complicated by prolapse of cord, fetus 4069.0XX2 ICD-10-CMDiagnosisLabor and delivery complic | O60.22X4 | ICD-10-CM | Diagnosis | Term delivery with preterm labor, second trimester, fetus 4 |
| 060.23X0 ICD-10-CMDiagnosisTerm delivery with preterm labor, third trimester, not applicable or unspecified060.23X1 ICD-10-CMDiagnosisTerm delivery with preterm labor, third trimester, fetus 1060.23X2 ICD-10-CMDiagnosisTerm delivery with preterm labor, third trimester, fetus 2060.23X3 ICD-10-CMDiagnosisTerm delivery with preterm labor, third trimester, fetus 3060.23X4 ICD-10-CMDiagnosisTerm delivery with preterm labor, third trimester, fetus 4060.23X9 ICD-10-CMDiagnosisTerm delivery with preterm labor, third trimester, fetus 5060.23X9 ICD-10-CMDiagnosisTerm delivery with preterm labor, third trimester, other fetus063.2 ICD-10-CMDiagnosisDelayed delivery of second twin, triplet, etc067.0 ICD-10-CMDiagnosisIntrapartum hemorrhage with coagulation defect067.9 ICD-10-CMDiagnosisOther intrapartum hemorrhage with coagulation defect068. ICD-10-CMDiagnosisLabor and delivery complicated by abnormality of fetal acid-base balance069.0XX1 ICD-10-CMDiagnosisLabor and delivery complicated by prolapse of cord, fetus 1069.0XX2 ICD-10-CMDiagnosisLabor and delivery complicated by prolapse of cord, fetus 2069.0XX3 ICD-10-CMDiagnosisLabor and delivery complicated by prolapse of cord, fetus 3069.0XX3 ICD-10-CMDiagnosisLabor and delivery complicated by prolapse of cord, fetus 4069.0XX3 ICD-10-CMDiagnosisLabor and delivery complicated by prolapse of cord, fetus 5069.0XX3 ICD-10-CMDiagnosisLabor and delivery complicated by prolapse of co | O60.22X5 | ICD-10-CM | Diagnosis | Term delivery with preterm labor, second trimester, fetus 5 |
| O60.23X1ICD-10-CMDiagnosisTerm delivery with preterm labor, third trimester, fetus 1O60.23X2ICD-10-CMDiagnosisTerm delivery with preterm labor, third trimester, fetus 3O60.23X3ICD-10-CMDiagnosisTerm delivery with preterm labor, third trimester, fetus 4O60.23X4ICD-10-CMDiagnosisTerm delivery with preterm labor, third trimester, fetus 4O60.23X5ICD-10-CMDiagnosisTerm delivery with preterm labor, third trimester, fetus 5O60.23X9ICD-10-CMDiagnosisTerm delivery with preterm labor, third trimester, other fetusO63.2ICD-10-CMDiagnosisDelayed delivery of second twin, triplet, etcO67.0ICD-10-CMDiagnosisIntrapartum hemorrhage with coagulation defectO67.0ICD-10-CMDiagnosisIntrapartum hemorrhage, unspecifiedO68.ICD-10-CMDiagnosisLabor and delivery complicated by abnormality of fetal acid-base balanceO69.0XX0ICD-10-CMDiagnosisLabor and delivery complicated by prolapse of cord, fetus 2O69.0XX1ICD-10-CMDiagnosisLabor and delivery complicated by prolapse of cord, fetus 2O69.0XX2ICD-10-CMDiagnosisLabor and delivery complicated by prolapse of cord, fetus 3O69.0XX3ICD-10-CMDiagnosisLabor and delivery complicated by prolapse of cord, fetus 4O69.0XX4ICD-10-CMDiagnosisLabor and delivery complicated by prolapse of cord, fetus 5O69.0XX3ICD-10-CMDiagnosisLabor and delivery complicated by cord around neck, with compression, fetus 1 <td>O60.22X9</td> <td>ICD-10-CM</td> <td>Diagnosis</td> <td>Term delivery with preterm labor, second trimester, other fetus</td> | O60.22X9 | ICD-10-CM | Diagnosis | Term delivery with preterm labor, second trimester, other fetus |
| O60.23X2ICD-10-CMDiagnosisTerm delivery with preterm labor, third trimester, fetus 2O60.23X3ICD-10-CMDiagnosisTerm delivery with preterm labor, third trimester, fetus 4O60.23X4ICD-10-CMDiagnosisTerm delivery with preterm labor, third trimester, fetus 4O60.23X5ICD-10-CMDiagnosisTerm delivery with preterm labor, third trimester, fetus 5O60.23X9ICD-10-CMDiagnosisTerm delivery with preterm labor, third trimester, other fetusO63.2ICD-10-CMDiagnosisDelayed delivery of second twin, triplet, etcO67.0ICD-10-CMDiagnosisIntrapartum hemorrhage with coagulation defectO67.8ICD-10-CMDiagnosisOther intrapartum hemorrhageO67.9ICD-10-CMDiagnosisLabor and delivery complicated by abnormality of fetal acid-base balanceO69.0XX1ICD-10-CMDiagnosisLabor and delivery complicated by prolapse of cord, not applicable or unspecifiedO69.0XX2ICD-10-CMDiagnosisLabor and delivery complicated by prolapse of cord, fetus 1O69.0XX3ICD-10-CMDiagnosisLabor and delivery complicated by prolapse of cord, fetus 3O69.0XX4ICD-10-CMDiagnosisLabor and delivery complicated by prolapse of cord, fetus 4O69.0XX5ICD-10-CMDiagnosisLabor and delivery complicated by prolapse of cord, fetus 4O69.0XX6ICD-10-CMDiagnosisLabor and delivery complicated by prolapse of cord, fetus 5O69.1XX1ICD-10-CMDiagnosisLabor and delivery complicated by cord around neck, with compre | O60.23X0 | ICD-10-CM | Diagnosis | Term delivery with preterm labor, third trimester, not applicable or unspecified |
| O60.23X3ICD-10-CMDiagnosisTerm delivery with preterm labor, third trimester, fetus 3O60.23X4ICD-10-CMDiagnosisTerm delivery with preterm labor, third trimester, fetus 4O60.23X5ICD-10-CMDiagnosisTerm delivery with preterm labor, third trimester, fetus 5O60.23X9ICD-10-CMDiagnosisDelagnosisDelagnosisO67.0ICD-10-CMDiagnosisDelagnosisDelagnosisDelagnosisO67.0ICD-10-CMDiagnosisOther intrapartum hemorrhageO67.9ICD-10-CMDiagnosisIntrapartum hemorrhageO68.ICD-10-CMDiagnosisLabor and delivery complicated by abnormality of fetal acid-base balanceO69.0XX0ICD-10-CMDiagnosisLabor and delivery complicated by prolapse of cord, not applicable or unspecifiedO69.0XX1ICD-10-CMDiagnosisLabor and delivery complicated by prolapse of cord, fetus 1O69.0XX2ICD-10-CMDiagnosisLabor and delivery complicated by prolapse of cord, fetus 2O69.0XX3ICD-10-CMDiagnosisLabor and delivery complicated by prolapse of cord, fetus 3O69.0XX3ICD-10-CMDiagnosisLabor and delivery complicated by prolapse of cord, fetus 4O69.0XX3ICD-10-CMDiagnosisLabor and delivery complicated by prolapse of cord, fetus 5O69.0XX3ICD-10-CMDiagnosisLabor and delivery complicated by prolapse of cord, fetus 5O69.1XX1ICD-10-CMDiagnosisLabor and delivery complicated by cord around neck, with compression, not applicable or unspecified | O60.23X1 | ICD-10-CM | Diagnosis | Term delivery with preterm labor, third trimester, fetus 1 |
| 060.23X4ICD-10-CMDiagnosisTerm delivery with preterm labor, third trimester, fetus 4060.23X5ICD-10-CMDiagnosisTerm delivery with preterm labor, third trimester, fetus 5060.23X9ICD-10-CMDiagnosisTerm delivery with preterm labor, third trimester, other fetus063.2ICD-10-CMDiagnosisDelayed delivery of second twin, triplet, etc067.0ICD-10-CMDiagnosisIntrapartum hemorrhage with coagulation defect067.8ICD-10-CMDiagnosisOther intrapartum hemorrhage, unspecified068.ICD-10-CMDiagnosisLabor and delivery complicated by abnormality of fetal acid-base balance069.0XX1ICD-10-CMDiagnosisLabor and delivery complicated by prolapse of cord, not applicable or unspecified069.0XX2ICD-10-CMDiagnosisLabor and delivery complicated by prolapse of cord, fetus 1069.0XX3ICD-10-CMDiagnosisLabor and delivery complicated by prolapse of cord, fetus 2069.0XX4ICD-10-CMDiagnosisLabor and delivery complicated by prolapse of cord, fetus 3069.0XX5ICD-10-CMDiagnosisLabor and delivery complicated by prolapse of cord, fetus 5069.0XX5ICD-10-CMDiagnosisLabor and delivery complicated by prolapse of cord, other fetus069.1XX1ICD-10-CMDiagnosisLabor and delivery complicated by cord around neck, with compression, not applicable or unspecified069.1XX1ICD-10-CMDiagnosisLabor and delivery complicated by cord around neck, with compression, fetus 1069.1XX2ICD-10-CMDiagn | O60.23X2 | ICD-10-CM | Diagnosis | Term delivery with preterm labor, third trimester, fetus 2 |
| 060.23X5ICD-10-CMDiagnosisTerm delivery with preterm labor, third trimester, fetus 5060.23X9ICD-10-CMDiagnosisTerm delivery with preterm labor, third trimester, other fetus063.2ICD-10-CMDiagnosisDelayed delivery of second twin, triplet, etc067.0ICD-10-CMDiagnosisIntrapartum hemorrhage with coagulation defect067.8ICD-10-CMDiagnosisOther intrapartum hemorrhage068.ICD-10-CMDiagnosisIntrapartum hemorrhage, unspecified069.0XX0ICD-10-CMDiagnosisLabor and delivery complicated by abnormality of fetal acid-base balance069.0XX1ICD-10-CMDiagnosisLabor and delivery complicated by prolapse of cord, not applicable or unspecified069.0XX1ICD-10-CMDiagnosisLabor and delivery complicated by prolapse of cord, fetus 1069.0XX2ICD-10-CMDiagnosisLabor and delivery complicated by prolapse of cord, fetus 3069.0XX3ICD-10-CMDiagnosisLabor and delivery complicated by prolapse of cord, fetus 4069.0XX5ICD-10-CMDiagnosisLabor and delivery complicated by prolapse of cord, fetus 5069.0XX3ICD-10-CMDiagnosisLabor and delivery complicated by prolapse of cord, other fetus069.1XX1ICD-10-CMDiagnosisLabor and delivery complicated by cord around neck, with compression, not applicable or unspecified069.1XX1ICD-10-CMDiagnosisLabor and delivery complicated by cord around neck, with compression, fetus 2069.1XX2ICD-10-CMDiagnosisLabor and delivery comp | O60.23X3 | ICD-10-CM | Diagnosis | Term delivery with preterm labor, third trimester, fetus 3 |
| 060.23X9ICD-10-CMDiagnosisTerm delivery with preterm labor, third trimester, other fetus063.2ICD-10-CMDiagnosisDelayed delivery of second twin, triplet, etc067.0ICD-10-CMDiagnosisIntrapartum hemorrhage with coagulation defect067.8ICD-10-CMDiagnosisOther intrapartum hemorrhage067.9ICD-10-CMDiagnosisIntrapartum hemorrhage, unspecified068.ICD-10-CMDiagnosisLabor and delivery complicated by abnormality of fetal acid-base balance069.0XX1ICD-10-CMDiagnosisLabor and delivery complicated by prolapse of cord, not applicable or unspecified069.0XX1ICD-10-CMDiagnosisLabor and delivery complicated by prolapse of cord, fetus 1069.0XX2ICD-10-CMDiagnosisLabor and delivery complicated by prolapse of cord, fetus 3069.0XX3ICD-10-CMDiagnosisLabor and delivery complicated by prolapse of cord, fetus 4069.0XX5ICD-10-CMDiagnosisLabor and delivery complicated by prolapse of cord, fetus 5069.0XX5ICD-10-CMDiagnosisLabor and delivery complicated by prolapse of cord, other fetus069.1XX1ICD-10-CMDiagnosisLabor and delivery complicated by cord around neck, with compression, not applicable or unspecified069.1XX2ICD-10-CMDiagnosisLabor and delivery complicated by cord around neck, with compression, fetus 2069.1XX3ICD-10-CMDiagnosisLabor and delivery complicated by cord around neck, with compression, fetus 3069.1XX4ICD-10-CMDiagnosisLabor a | O60.23X4 | ICD-10-CM | Diagnosis | Term delivery with preterm labor, third trimester, fetus 4 |
| 063.2ICD-10-CMDiagnosisDelayed delivery of second twin, triplet, etc067.0ICD-10-CMDiagnosisIntrapartum hemorrhage with coagulation defect067.8ICD-10-CMDiagnosisOther intrapartum hemorrhage067.9ICD-10-CMDiagnosisIntrapartum hemorrhage, unspecified068.ICD-10-CMDiagnosisLabor and delivery complicated by abnormality of fetal acid-base balance069.0XXXICD-10-CMDiagnosisLabor and delivery complicated by prolapse of cord, not applicable or unspecified069.0XXX1ICD-10-CMDiagnosisLabor and delivery complicated by prolapse of cord, fetus 1069.0XX2ICD-10-CMDiagnosisLabor and delivery complicated by prolapse of cord, fetus 2069.0XX3ICD-10-CMDiagnosisLabor and delivery complicated by prolapse of cord, fetus 3069.0XX4ICD-10-CMDiagnosisLabor and delivery complicated by prolapse of cord, fetus 4069.0XX5ICD-10-CMDiagnosisLabor and delivery complicated by prolapse of cord, other fetus069.1XX1ICD-10-CMDiagnosisLabor and delivery complicated by cord around neck, with compression, not applicable or unspecified069.1XX2ICD-10-CMDiagnosisLabor and delivery complicated by cord around neck, with compression, fetus 1069.1XX3ICD-10-CMDiagnosisLabor and delivery complicated by cord around neck, with compression, fetus 3069.1XX4ICD-10-CMDiagnosisLabor and delivery complicated by cord around neck, with compression, fetus 3069.1XX5ICD-10-CMDiagnosis | O60.23X5 | ICD-10-CM | Diagnosis | Term delivery with preterm labor, third trimester, fetus 5 |
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| O69.1XX0 ICD-10-CM Diagnosis Labor and delivery complicated by prolapse of cord, other fetus O69.1XX1 ICD-10-CM Diagnosis Labor and delivery complicated by cord around neck, with compression, not applicable or unspecified O69.1XX2 ICD-10-CM Diagnosis Labor and delivery complicated by cord around neck, with compression, fetus 1 O69.1XX2 ICD-10-CM Diagnosis Labor and delivery complicated by cord around neck, with compression, fetus 2 O69.1XX3 ICD-10-CM Diagnosis Labor and delivery complicated by cord around neck, with compression, fetus 3 O69.1XX4 ICD-10-CM Diagnosis Labor and delivery complicated by cord around neck, with compression, fetus 4 O69.1XX5 ICD-10-CM Diagnosis Labor and delivery complicated by cord around neck, with compression, fetus 5 | O69.0XX5 | ICD-10-CM | Diagnosis | Labor and delivery complicated by prolapse of cord, fetus 5 |
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| O69.1XX4 ICD-10-CM Diagnosis Labor and delivery complicated by cord around neck, with compression, fetus 4 O69.1XX5 ICD-10-CM Diagnosis Labor and delivery complicated by cord around neck, with compression, fetus 5 | O69.1XX2 | ICD-10-CM | Diagnosis | Labor and delivery complicated by cord around neck, with compression, fetus 2 |
| O69.1XX5 ICD-10-CM Diagnosis Labor and delivery complicated by cord around neck, with compression, fetus 5 | O69.1XX3 | ICD-10-CM | Diagnosis | Labor and delivery complicated by cord around neck, with compression, fetus 3 |
| | O69.1XX4 | ICD-10-CM | Diagnosis | Labor and delivery complicated by cord around neck, with compression, fetus 4 |
| O69.1XX9 ICD-10-CM Diagnosis Labor and delivery complicated by cord around neck, with compression, other fetus | O69.1XX5 | ICD-10-CM | Diagnosis | Labor and delivery complicated by cord around neck, with compression, fetus 5 |
| | O69.1XX9 | ICD-10-CM | Diagnosis | |
| O69.2XX0 ICD-10-CM Diagnosis Labor and delivery complicated by other cord entanglement, with compression, not | O69.2XX0 | ICD-10-CM | _ | Labor and delivery complicated by other cord entanglement, with compression, not |
| applicable or unspecified | | | | applicable or unspecified |



| Code | Code Type | Code Category | Description |
|----------|-----------|------------------|--|
| O69.2XX1 | ICD-10-CM | Diagnosis | Labor and delivery complicated by other cord entanglement, with compression, fetus 1 |
| | ICD-10-CM | Diagnosis | Labor and delivery complicated by other cord entanglement, with compression, fetus 2 |
| | ICD-10-CM | Diagnosis | Labor and delivery complicated by other cord entanglement, with compression, fetus 3 |
| | ICD-10-CM | Diagnosis | Labor and delivery complicated by other cord entanglement, with compression, fetus 4 |
| | ICD-10-CM | Diagnosis | Labor and delivery complicated by other cord entanglement, with compression, fetus 5 |
| | ICD-10-CM | Diagnosis | Labor and delivery complicated by other cord entanglement, with compression, other fetus |
| | | | |
| O69.3XX0 | ICD-10-CM | Diagnosis | Labor and delivery complicated by short cord, not applicable or unspecified |
| O69.3XX1 | ICD-10-CM | Diagnosis | Labor and delivery complicated by short cord, fetus 1 |
| O69.3XX2 | ICD-10-CM | Diagnosis | Labor and delivery complicated by short cord, fetus 2 |
| O69.3XX3 | ICD-10-CM | Diagnosis | Labor and delivery complicated by short cord, fetus 3 |
| O69.3XX4 | ICD-10-CM | Diagnosis | Labor and delivery complicated by short cord, fetus 4 |
| O69.3XX5 | ICD-10-CM | Diagnosis | Labor and delivery complicated by short cord, fetus 5 |
| O69.3XX9 | ICD-10-CM | Diagnosis | Labor and delivery complicated by short cord, other fetus |
| O69.4XX0 | ICD-10-CM | Diagnosis | Labor and delivery complicated by vasa previa, not applicable or unspecified |
| O69.4XX1 | ICD-10-CM | Diagnosis | Labor and delivery complicated by vasa previa, fetus 1 |
| O69.4XX2 | ICD-10-CM | Diagnosis | Labor and delivery complicated by vasa previa, fetus 2 |
| O69.4XX3 | ICD-10-CM | Diagnosis | Labor and delivery complicated by vasa previa, fetus 3 |
| O69.4XX4 | ICD-10-CM | Diagnosis | Labor and delivery complicated by vasa previa, fetus 4 |
| O69.4XX5 | ICD-10-CM | Diagnosis | Labor and delivery complicated by vasa previa, fetus 5 |
| O69.4XX9 | ICD-10-CM | Diagnosis | Labor and delivery complicated by vasa previa, other fetus |
| O69.5XX0 | ICD-10-CM | Diagnosis | Labor and delivery complicated by vascular lesion of cord, not applicable or unspecified |
| O69.5XX1 | ICD-10-CM | Diagnosis | Labor and delivery complicated by vascular lesion of cord, fetus 1 |
| O69.5XX2 | ICD-10-CM | Diagnosis | Labor and delivery complicated by vascular lesion of cord, fetus 2 |
| O69.5XX3 | ICD-10-CM | Diagnosis | Labor and delivery complicated by vascular lesion of cord, fetus 3 |
| O69.5XX4 | ICD-10-CM | Diagnosis | Labor and delivery complicated by vascular lesion of cord, fetus 4 |
| O69.5XX5 | ICD-10-CM | Diagnosis | Labor and delivery complicated by vascular lesion of cord, fetus 5 |
| O69.5XX9 | ICD-10-CM | Diagnosis | Labor and delivery complicated by vascular lesion of cord, other fetus |
| O69.81X0 | ICD-10-CM | Diagnosis | Labor and delivery complicated by cord around neck, without compression, not applicable |
| | | | or unspecified |
| O69.81X1 | ICD-10-CM | Diagnosis | Labor and delivery complicated by cord around neck, without compression, fetus 1 |
| O69.81X2 | ICD-10-CM | Diagnosis | Labor and delivery complicated by cord around neck, without compression, fetus 2 |
| O69.81X3 | ICD-10-CM | Diagnosis | Labor and delivery complicated by cord around neck, without compression, fetus 3 |
| | ICD-10-CM | Diagnosis | Labor and delivery complicated by cord around neck, without compression, fetus 4 |
| | ICD-10-CM | Diagnosis | Labor and delivery complicated by cord around neck, without compression, fetus 5 |
| | ICD-10-CM | Diagnosis | Labor and delivery complicated by cord around neck, without compression, other fetus |
| O69.82X0 | ICD-10-CM | Diagnosis | Labor and delivery complicated by other cord entanglement, without compression, not |
| | | | applicable or unspecified |
| O69.82X1 | ICD-10-CM | Diagnosis | Labor and delivery complicated by other cord entanglement, without compression, fetus 1 |



| Code Code Type Category Description O69.82X2 ICD-10-CM Diagnosis Labor and delivery complicated by other cord entanglement, without compression, fetus 2 O69.82X3 ICD-10-CM Diagnosis Labor and delivery complicated by other cord entanglement, without compression, fetus 3 O69.82X4 ICD-10-CM Diagnosis Labor and delivery complicated by other cord entanglement, without compression, fetus 4 O69.82X5 ICD-10-CM Diagnosis Labor and delivery complicated by other cord entanglement, without compression, fetus 5 O69.82X9 ICD-10-CM Diagnosis Labor and delivery complicated by other cord entanglement, without compression, other fetus CO69.89X0 ICD-10-CM Diagnosis Labor and delivery complicated by other cord complications, not applicable or unspecified O69.89X1 ICD-10-CM Diagnosis Labor and delivery complicated by other cord complications, fetus 1 CO69.89X2 ICD-10-CM Diagnosis Labor and delivery complicated by other cord complications, fetus 2 |
|---|
| O69.82X2 ICD-10-CM Diagnosis Labor and delivery complicated by other cord entanglement, without compression, fetus 2 O69.82X3 ICD-10-CM Diagnosis Labor and delivery complicated by other cord entanglement, without compression, fetus 3 O69.82X4 ICD-10-CM Diagnosis Labor and delivery complicated by other cord entanglement, without compression, fetus 4 O69.82X5 ICD-10-CM Diagnosis Labor and delivery complicated by other cord entanglement, without compression, fetus 5 O69.82X9 ICD-10-CM Diagnosis Labor and delivery complicated by other cord entanglement, without compression, other fetus O69.89X0 ICD-10-CM Diagnosis Labor and delivery complicated by other cord complications, not applicable or unspecified O69.89X1 ICD-10-CM Diagnosis Labor and delivery complicated by other cord complications, fetus 1 |
| Diagnosis Labor and delivery complicated by other cord entanglement, without compression, fetus 3 Diagnosis Labor and delivery complicated by other cord entanglement, without compression, fetus 4 Diagnosis Labor and delivery complicated by other cord entanglement, without compression, fetus 5 Diagnosis Labor and delivery complicated by other cord entanglement, without compression, fetus 5 Diagnosis Labor and delivery complicated by other cord entanglement, without compression, other fetus Diagnosis Labor and delivery complicated by other cord complications, not applicable or unspecified Diagnosis Labor and delivery complicated by other cord complications, fetus 1 |
| O69.82X4 ICD-10-CM Diagnosis Labor and delivery complicated by other cord entanglement, without compression, fetus 4 O69.82X5 ICD-10-CM Diagnosis Labor and delivery complicated by other cord entanglement, without compression, fetus 5 O69.82X9 ICD-10-CM Diagnosis Labor and delivery complicated by other cord entanglement, without compression, other fetus O69.89X0 ICD-10-CM Diagnosis Labor and delivery complicated by other cord complications, not applicable or unspecified O69.89X1 ICD-10-CM Diagnosis Labor and delivery complicated by other cord complications, fetus 1 |
| O69.82X5 ICD-10-CM Diagnosis Labor and delivery complicated by other cord entanglement, without compression, fetus 5 O69.82X9 ICD-10-CM Diagnosis Labor and delivery complicated by other cord entanglement, without compression, other fetus O69.89X0 ICD-10-CM Diagnosis Labor and delivery complicated by other cord complications, not applicable or unspecified O69.89X1 ICD-10-CM Diagnosis Labor and delivery complicated by other cord complications, fetus 1 |
| O69.82X9 ICD-10-CM Diagnosis Labor and delivery complicated by other cord entanglement, without compression, other fetus O69.89X0 ICD-10-CM Diagnosis Labor and delivery complicated by other cord complications, not applicable or unspecified O69.89X1 ICD-10-CM Diagnosis Labor and delivery complicated by other cord complications, fetus 1 |
| fetus O69.89X0 ICD-10-CM Diagnosis Labor and delivery complicated by other cord complications, not applicable or unspecified O69.89X1 ICD-10-CM Diagnosis Labor and delivery complicated by other cord complications, fetus 1 |
| O69.89X1 ICD-10-CM Diagnosis Labor and delivery complicated by other cord complications, fetus 1 |
| |
| 969 89X2 ICD-10-CM Diagnosis Lahor and delivery complicated by other cord complications fetus 2 |
| |
| O69.89X3 ICD-10-CM Diagnosis Labor and delivery complicated by other cord complications, fetus 3 |
| O69.89X4 ICD-10-CM Diagnosis Labor and delivery complicated by other cord complications, fetus 4 |
| O69.89X5 ICD-10-CM Diagnosis Labor and delivery complicated by other cord complications, fetus 5 |
| O69.89X9 ICD-10-CM Diagnosis Labor and delivery complicated by other cord complications, other fetus |
| O69.9XX0 ICD-10-CM Diagnosis Labor and delivery complicated by cord complication, unspecified, not applicable or unspecified |
| O69.9XX1 ICD-10-CM Diagnosis Labor and delivery complicated by cord complication, unspecified, fetus 1 |
| O69.9XX2 ICD-10-CM Diagnosis Labor and delivery complicated by cord complication, unspecified, fetus 2 |
| O69.9XX3 ICD-10-CM Diagnosis Labor and delivery complicated by cord complication, unspecified, fetus 3 |
| O69.9XX4 ICD-10-CM Diagnosis Labor and delivery complicated by cord complication, unspecified, fetus 4 |
| O69.9XX5 ICD-10-CM Diagnosis Labor and delivery complicated by cord complication, unspecified, fetus 5 |
| O69.9XX9 ICD-10-CM Diagnosis Labor and delivery complicated by cord complication, unspecified, other fetus |
| O70.0 ICD-10-CM Diagnosis First degree perineal laceration during delivery |
| O70.1 ICD-10-CM Diagnosis Second degree perineal laceration during delivery |
| O70.20 ICD-10-CM Diagnosis Third degree perineal laceration during delivery, unspecified |
| O70.21 ICD-10-CM Diagnosis Third degree perineal laceration during delivery, IIIa |
| O70.22 ICD-10-CM Diagnosis Third degree perineal laceration during delivery, IIIb |
| O70.23 ICD-10-CM Diagnosis Third degree perineal laceration during delivery, IIIc |
| O70.3 ICD-10-CM Diagnosis Fourth degree perineal laceration during delivery |
| O70.4 ICD-10-CM Diagnosis Anal sphincter tear complicating delivery, not associated with third degree laceration |
| O70.9 ICD-10-CM Diagnosis Perineal laceration during delivery, unspecified |
| O74.0 ICD-10-CM Diagnosis Aspiration pneumonitis due to anesthesia during labor and delivery |
| O74.1 ICD-10-CM Diagnosis Other pulmonary complications of anesthesia during labor and delivery |
| O74.2 ICD-10-CM Diagnosis Cardiac complications of anesthesia during labor and delivery |
| O74.3 ICD-10-CM Diagnosis Central nervous system complications of anesthesia during labor and delivery |
| O74.4 ICD-10-CM Diagnosis Toxic reaction to local anesthesia during labor and delivery |



| | | Code | |
|---------|-------------|------------|---|
| Code | Code Type | Category | Description |
| | | | |
| 074.5 | ICD-10-CM | Diagnosis | Spinal and epidural anesthesia-induced headache during labor and delivery |
| 074.6 | ICD-10-CM | Diagnosis | Other complications of spinal and epidural anesthesia during labor and delivery |
| 074.7 | ICD-10-CM | Diagnosis | Failed or difficult intubation for anesthesia during labor and delivery |
| 074.8 | ICD-10-CM | Diagnosis | Other complications of anesthesia during labor and delivery |
| 074.9 | ICD-10-CM | Diagnosis | Complication of anesthesia during labor and delivery, unspecified |
| 075.0 | ICD-10-CM | Diagnosis | Maternal distress during labor and delivery |
| 075.1 | ICD-10-CM | Diagnosis | Shock during or following labor and delivery |
| 075.5 | ICD-10-CM | Diagnosis | Delayed delivery after artificial rupture of membranes |
| 075.81 | ICD-10-CM | Diagnosis | Maternal exhaustion complicating labor and delivery |
| 075.82 | ICD-10-CM | Diagnosis | Onset (spontaneous) of labor after 37 completed weeks of gestation but before 39 |
| | | | completed weeks gestation, with delivery by (planned) cesarean section |
| 075.89 | ICD-10-CM | Diagnosis | Other specified complications of labor and delivery |
| 075.9 | ICD-10-CM | Diagnosis | Complication of labor and delivery, unspecified |
| 076. | ICD-10-CM | Diagnosis | Abnormality in fetal heart rate and rhythm complicating labor and delivery |
| 077.0 | ICD-10-CM | Diagnosis | Labor and delivery complicated by meconium in amniotic fluid |
| 077.8 | ICD-10-CM | Diagnosis | Labor and delivery complicated by other evidence of fetal stress |
| 077.9 | ICD-10-CM | Diagnosis | Labor and delivery complicated by fetal stress, unspecified |
| O80. | ICD-10-CM | Diagnosis | Encounter for full-term uncomplicated delivery |
| O82. | ICD-10-CM | Diagnosis | Encounter for cesarean delivery without indication |
| 088.02 | ICD-10-CM | Diagnosis | Air embolism in childbirth |
| 088.12 | ICD-10-CM | Diagnosis | Amniotic fluid embolism in childbirth |
| 088.22 | ICD-10-CM | Diagnosis | Thromboembolism in childbirth |
| 088.32 | ICD-10-CM | Diagnosis | Pyemic and septic embolism in childbirth |
| O88.82 | ICD-10-CM | Diagnosis | Other embolism in childbirth |
| 098.02 | ICD-10-CM | Diagnosis | Tuberculosis complicating childbirth |
| 098.12 | ICD-10-CM | Diagnosis | Syphilis complicating childbirth |
| 098.22 | ICD-10-CM | Diagnosis | Gonorrhea complicating childbirth |
| 098.32 | ICD-10-CM | Diagnosis | Other infections with a predominantly sexual mode of transmission complicating childbirth |
| 098.42 | ICD-10-CM | Diagnosis | Viral hepatitis complicating childbirth |
| 098.52 | ICD-10-CM | Diagnosis | Other viral diseases complicating childbirth |
| 098.62 | ICD-10-CM | Diagnosis | Protozoal diseases complicating childbirth |
| 098.72 | ICD-10-CM | Diagnosis | Human immunodeficiency virus [HIV] disease complicating childbirth |
| 098.82 | ICD-10-CM | Diagnosis | Other maternal infectious and parasitic diseases complicating childbirth |
| 098.92 | ICD-10-CM | Diagnosis | Unspecified maternal infectious and parasitic disease complicating childbirth |
| 099.02 | ICD-10-CM | Diagnosis | Anemia complicating childbirth |
| 099.12 | ICD-10-CM | Diagnosis | Other diseases of the blood and blood-forming organs and certain disorders involving the |
| | | . 0 | immune mechanism complicating childbirth |
| 099.214 | ICD-10-CM | Diagnosis | Obesity complicating childbirth |
| 099.284 | ICD-10-CM | Diagnosis | Endocrine, nutritional and metabolic diseases complicating childbirth |
| 333.204 | .CD 10 CIVI | D100110313 | Lindon Mile, individual and includence discuses complicating children |



| | | Code | |
|---------|-----------|-----------|---|
| Code | Code Type | Category | Description |
| | | | |
| 099.314 | ICD-10-CM | Diagnosis | Alcohol use complicating childbirth |
| 099.324 | ICD-10-CM | Diagnosis | Drug use complicating childbirth |
| 099.334 | ICD-10-CM | Diagnosis | Smoking (tobacco) complicating childbirth |
| 099.344 | ICD-10-CM | Diagnosis | Other mental disorders complicating childbirth |
| 099.354 | ICD-10-CM | Diagnosis | Diseases of the nervous system complicating childbirth |
| 099.42 | ICD-10-CM | Diagnosis | Diseases of the circulatory system complicating childbirth |
| 099.52 | ICD-10-CM | Diagnosis | Diseases of the respiratory system complicating childbirth |
| 099.62 | ICD-10-CM | Diagnosis | Diseases of the digestive system complicating childbirth |
| 099.72 | ICD-10-CM | Diagnosis | Diseases of the skin and subcutaneous tissue complicating childbirth |
| 099.814 | ICD-10-CM | Diagnosis | Abnormal glucose complicating childbirth |
| 099.824 | ICD-10-CM | Diagnosis | Streptococcus B carrier state complicating childbirth |
| 099.834 | ICD-10-CM | Diagnosis | Other infection carrier state complicating childbirth |
| 099.844 | ICD-10-CM | Diagnosis | Bariatric surgery status complicating childbirth |
| O9A.12 | ICD-10-CM | Diagnosis | Malignant neoplasm complicating childbirth |
| O9A.22 | ICD-10-CM | Diagnosis | Injury, poisoning and certain other consequences of external causes complicating childbirth |
| | | | |
| O9A.32 | ICD-10-CM | Diagnosis | Physical abuse complicating childbirth |
| O9A.42 | ICD-10-CM | Diagnosis | Sexual abuse complicating childbirth |
| O9A.52 | ICD-10-CM | Diagnosis | Psychological abuse complicating childbirth |
| P03.0 | ICD-10-CM | Diagnosis | Newborn affected by breech delivery and extraction |
| P03.2 | ICD-10-CM | Diagnosis | Newborn affected by forceps delivery |
| P03.3 | ICD-10-CM | Diagnosis | Newborn affected by delivery by vacuum extractor [ventouse] |
| P03.4 | ICD-10-CM | Diagnosis | Newborn affected by Cesarean delivery |
| P03.5 | ICD-10-CM | Diagnosis | Newborn affected by precipitate delivery |
| P07.00 | ICD-10-CM | Diagnosis | Extremely low birth weight newborn, unspecified weight |
| P07.01 | ICD-10-CM | Diagnosis | Extremely low birth weight newborn, less than 500 grams |
| P07.02 | ICD-10-CM | Diagnosis | Extremely low birth weight newborn, 500-749. grams |
| P07.03 | ICD-10-CM | Diagnosis | Extremely low birth weight newborn, 750-999 grams |
| P07.10 | ICD-10-CM | Diagnosis | Other low birth weight newborn, unspecified weight |
| P07.14 | ICD-10-CM | Diagnosis | Other low birth weight newborn, 1000-1249 grams |
| P07.15 | ICD-10-CM | Diagnosis | Other low birth weight newborn, 1250-1499 grams |
| P07.16 | ICD-10-CM | Diagnosis | Other low birth weight newborn, 1500-1749. grams |
| P07.17 | ICD-10-CM | Diagnosis | Other low birth weight newborn, 1750-1999 grams |
| P07.18 | ICD-10-CM | Diagnosis | Other low birth weight newborn, 2000-2499 grams |
| P07.20 | ICD-10-CM | Diagnosis | Extreme immaturity of newborn, unspecified weeks of gestation |
| P07.21 | ICD-10-CM | Diagnosis | Extreme immaturity of newborn, gestational age less than 23 completed weeks |
| P07.22 | ICD-10-CM | Diagnosis | Extreme immaturity of newborn, gestational age 23 completed weeks |
| P07.23 | ICD-10-CM | Diagnosis | Extreme immaturity of newborn, gestational age 24 completed weeks |
| P07.24 | ICD-10-CM | Diagnosis | Extreme immaturity of newborn, gestational age 25 completed weeks |
| P07.25 | ICD-10-CM | Diagnosis | Extreme immaturity of newborn, gestational age 26 completed weeks |



| | | Code | |
|--------|-----------|-----------|---|
| Code | Code Type | Category | Description |
| | | | |
| P07.26 | ICD-10-CM | Diagnosis | Extreme immaturity of newborn, gestational age 27 completed weeks |
| P07.30 | ICD-10-CM | Diagnosis | Preterm newborn, unspecified weeks of gestation |
| P07.31 | ICD-10-CM | Diagnosis | Preterm newborn, gestational age 28 completed weeks |
| P07.32 | ICD-10-CM | Diagnosis | Preterm newborn, gestational age 29 completed weeks |
| P07.33 | ICD-10-CM | Diagnosis | Preterm newborn, gestational age 30 completed weeks |
| P07.34 | ICD-10-CM | Diagnosis | Preterm newborn, gestational age 31 completed weeks |
| P07.35 | ICD-10-CM | Diagnosis | Preterm newborn, gestational age 32 completed weeks |
| P07.36 | ICD-10-CM | Diagnosis | Preterm newborn, gestational age 33 completed weeks |
| P07.37 | ICD-10-CM | Diagnosis | Preterm newborn, gestational age 34 completed weeks |
| P07.38 | ICD-10-CM | Diagnosis | Preterm newborn, gestational age 35 completed weeks |
| P07.39 | ICD-10-CM | Diagnosis | Preterm newborn, gestational age 36 completed weeks |
| P08.21 | ICD-10-CM | Diagnosis | Post-term newborn |
| P08.22 | ICD-10-CM | Diagnosis | Prolonged gestation of newborn |
| Z37.0 | ICD-10-CM | Diagnosis | Single live birth |
| Z37.2 | ICD-10-CM | Diagnosis | Twins, both liveborn |
| Z37.3 | ICD-10-CM | Diagnosis | Twins, one liveborn and one stillborn |
| Z37.50 | ICD-10-CM | Diagnosis | Multiple births, unspecified, all liveborn |
| Z37.51 | ICD-10-CM | Diagnosis | Triplets, all liveborn |
| Z37.52 | ICD-10-CM | Diagnosis | Quadruplets, all liveborn |
| Z37.53 | ICD-10-CM | Diagnosis | Quintuplets, all liveborn |
| Z37.54 | ICD-10-CM | Diagnosis | Sextuplets, all liveborn |
| Z37.59 | ICD-10-CM | Diagnosis | Other multiple births, all liveborn |
| Z37.60 | ICD-10-CM | Diagnosis | Multiple births, unspecified, some liveborn |
| Z37.61 | ICD-10-CM | Diagnosis | Triplets, some liveborn |
| Z37.62 | ICD-10-CM | Diagnosis | Quadruplets, some liveborn |
| Z37.63 | ICD-10-CM | Diagnosis | Quintuplets, some liveborn |
| Z37.64 | ICD-10-CM | Diagnosis | Sextuplets, some liveborn |
| Z37.69 | ICD-10-CM | Diagnosis | Other multiple births, some liveborn |
| Z37.9 | ICD-10-CM | Diagnosis | Outcome of delivery, unspecified |
| Z38.00 | ICD-10-CM | Diagnosis | Single liveborn infant, delivered vaginally |
| Z38.01 | ICD-10-CM | Diagnosis | Single liveborn infant, delivered by cesarean |
| Z38.1 | ICD-10-CM | Diagnosis | Single liveborn infant, born outside hospital |
| Z38.2 | ICD-10-CM | Diagnosis | Single liveborn infant, unspecified as to place of birth |
| Z38.30 | ICD-10-CM | Diagnosis | Twin liveborn infant, delivered vaginally |
| Z38.31 | ICD-10-CM | Diagnosis | Twin liveborn infant, delivered by cesarean |
| Z38.4 | ICD-10-CM | Diagnosis | Twin liveborn infant, born outside hospital |
| Z38.5 | ICD-10-CM | Diagnosis | Twin liveborn infant, unspecified as to place of birth |
| Z38.61 | ICD-10-CM | Diagnosis | Triplet liveborn infant, delivered vaginally |
| Z38.62 | ICD-10-CM | Diagnosis | Triplet liveborn infant, delivered by cesarean |
| Z38.63 | ICD-10-CM | Diagnosis | Quadruplet liveborn infant, delivered vaginally |



| | | Code | |
|---------|------------|-----------|---|
| Code | Code Type | Category | Description |
| | | | |
| Z38.64 | ICD-10-CM | Diagnosis | Quadruplet liveborn infant, delivered by cesarean |
| Z38.65 | ICD-10-CM | Diagnosis | Quintuplet liveborn infant, delivered vaginally |
| Z38.66 | ICD-10-CM | Diagnosis | Quintuplet liveborn infant, delivered by cesarean |
| Z38.68 | ICD-10-CM | Diagnosis | Other multiple liveborn infant, delivered vaginally |
| Z38.69 | ICD-10-CM | Diagnosis | Other multiple liveborn infant, delivered by cesarean |
| Z38.7 | ICD-10-CM | Diagnosis | Other multiple liveborn infant, born outside hospital |
| Z38.8 | ICD-10-CM | Diagnosis | Other multiple liveborn infant, unspecified as to place of birth |
| 0W8NXZZ | ICD-10-PCS | Procedure | Division of Female Perineum, External Approach |
| 10900ZC | ICD-10-PCS | Procedure | Drainage of Amniotic Fluid, Therapeutic from Products of Conception, Open Approach |
| 10903ZC | ICD-10-PCS | Procedure | Drainage of Amniotic Fluid, Therapeutic from Products of Conception, Percutaneous Approach |
| 10904ZC | ICD-10-PCS | Procedure | Drainage of Amniotic Fluid, Therapeutic from Products of Conception, Percutaneous Endoscopic Approach |
| 10907ZC | ICD-10-PCS | Procedure | Drainage of Amniotic Fluid, Therapeutic from Products of Conception, Via Natural or Artificial Opening |
| 10908ZC | ICD-10-PCS | Procedure | Drainage of Amniotic Fluid, Therapeutic from Products of Conception, Via Natural or Artificial Opening Endoscopic |
| 10D00Z0 | ICD-10-PCS | Procedure | Extraction of Products of Conception, Classical, Open Approach |
| 10D00Z1 | ICD-10-PCS | Procedure | Extraction of Products of Conception, Low Cervical, Open Approach |
| 10D00Z2 | ICD-10-PCS | Procedure | Extraction of Products of Conception, Extraperitoneal, Open Approach |
| 10D07Z3 | ICD-10-PCS | Procedure | Extraction of Products of Conception, Low Forceps, Via Natural or Artificial Opening |
| 10D07Z4 | ICD-10-PCS | Procedure | Extraction of Products of Conception, Mid Forceps, Via Natural or Artificial Opening |
| 10D07Z5 | ICD-10-PCS | Procedure | Extraction of Products of Conception, High Forceps, Via Natural or Artificial Opening |
| 10D07Z6 | ICD-10-PCS | Procedure | Extraction of Products of Conception, Vacuum, Via Natural or Artificial Opening |
| 10D07Z7 | ICD-10-PCS | Procedure | Extraction of Products of Conception, Internal Version, Via Natural or Artificial Opening |
| 10D07Z8 | ICD-10-PCS | Procedure | Extraction of Products of Conception, Other, Via Natural or Artificial Opening |
| 10E0XZZ | ICD-10-PCS | Procedure | Delivery of Products of Conception, External Approach |
| 10S07ZZ | ICD-10-PCS | Procedure | Reposition Products of Conception, Via Natural or Artificial Opening |



Appendix D. List of Healthcare Common Procedure Coding System (HCPCS) Procedure Codes used to Define the Exposures in this Request

| Code | Code Category | Code Type | Description |
|-------|---------------|-----------|---|
| | | | |
| Q9979 | Procedure | HCPCS | Injection, Alemtuzumab, 1 mg |
| J0202 | Procedure | HCPCS | Injection, alemtuzumab, 1 mg |
| J9010 | Procedure | HCPCS | Injection, alemtuzumab, 10 mg |
| S0087 | Procedure | HCPCS | Injection, alemtuzumab, 30 mg |
| C9110 | Procedure | HCPCS | Injection, alemtuzumab, per 10 mg/ ml |
| J1595 | Procedure | HCPCS | Injection, glatiramer acetate, 20 mg |
| Q2010 | Procedure | HCPCS | Injection, glatiramer acetate, per dose |
| Q3027 | Procedure | HCPCS | Injection, interferon beta-1a, 1 mcg for intramuscular use |
| Q3028 | Procedure | HCPCS | Injection, interferon beta-1a, 1 mcg for subcutaneous use |
| Q3025 | Procedure | HCPCS | Injection, interferon beta-1a, 11 mcg for intramuscular use |
| Q3026 | Procedure | HCPCS | Injection, interferon beta-1a, 11 mcg for subcutaneous use |
| J1826 | Procedure | HCPCS | Injection, interferon beta-1a, 30 mcg |
| J1825 | Procedure | HCPCS | Injection, interferon beta-1a, 33 mcg |
| J1830 | Procedure | HCPCS | Injection interferon beta-1b, 0.25 mg |
| J2323 | Procedure | HCPCS | Injection, natalizumab, 1 mg |
| Q4079 | Procedure | HCPCS | Injection, natalizumab, 1 mg |
| C9126 | Procedure | HCPCS | Injection natalizumab per 5 mg |
| J9293 | Procedure | HCPCS | INJECTION MITOXANTRONE HCL PER 5 MG |



Appendix E. List of Generic and Brand Drug Names used to Define the Exposures in this Request

| Generic Name | Brand Name | | | | | |
|----------------------------------|--------------------------|--|--|--|--|--|
| | | | | | | |
| ALEMTUZUMAB | Campath | | | | | |
| ALEMTUZUMAB | Lemtrada | | | | | |
| DACLIZUMAB | Zenapax | | | | | |
| DACLIZUMAB | Zinbryta | | | | | |
| DALFAMPRIDINE | Ampyra | | | | | |
| DIMETHYL FUMARATE | Tecfidera | | | | | |
| DIMETHYL FUMARATE | dimethyl fumarate (bulk) | | | | | |
| FINGOLIMOD HCL | Gilenya | | | | | |
| GLATIRAMER ACETATE | Copaxone | | | | | |
| GLATIRAMER ACETATE | Glatopa | | | | | |
| INTERFERON BETA-1A | Avonex | | | | | |
| INTERFERON BETA-1A/ALBUMIN HUMAN | Avonex (with albumin) | | | | | |
| INTERFERON BETA-1A/ALBUMIN HUMAN | Rebif (with albumin) | | | | | |
| INTERFERON BETA-1A/ALBUMIN HUMAN | Rebif Rebidose | | | | | |
| INTERFERON BETA-1A/ALBUMIN HUMAN | Rebif Titration Pack | | | | | |
| INTERFERON BETA-1B | Betaseron | | | | | |
| INTERFERON BETA-1B | Extavia | | | | | |
| NATALIZUMAB | Tysabri | | | | | |
| PEGINTERFERON BETA-1A | Plegridy | | | | | |
| TERIFLUNOMIDE | Aubagio | | | | | |
| MITOXANTRONE HCL | mitoxantrone | | | | | |
| MITOXANTRONE HCL | Novantrone | | | | | |



Appendix F. Specifications for Parameters for this Request

This request executed the Cohort Identification and Descriptive Analysis (CIDA) Tool, version 5.0.5, to estimate multiple sclerosis drug use before, during, and after pregnancy, among pregnant women in the Sentinel Distributed Database (SDD).

Age Groups (calculated at age at delivery date) 15-19, 20-24, 25-29, 30-34, 35-39, 40-44, 45-49 years

Query Period January 1, 2001 - August 31, 2017

Coverage Requirement Medical and Drug

Enrollment Requirement Prior to Delivery Date 484 Days (301 day delivery length + 183 day pre-pregnancy exposure assessment period)

Enrollment Requirement Following Delivery Date 183 days
Enrollment Gap 45 Days

| Pregnancy Episode Creation | | | | | Exposure Episode Creation | | | Event | | | |
|----------------------------|---|---|--|--|--|---|---|--|--|--|---|
| Delivery Definition | Delivery Washout Period | Pregnancy Duration Definition | Pre/ PostTerm Evaluation Window | Pregnancy Duration in Absence of Specific Code | Exposure | Incident with respect to | Washout | Incident Exposure | Washout (days) | | Cohort Definition |
| Algorithm Codes | 301 Days | Algorithm Codes | 7 Days | 273 Days | All multiple sclerosis drugs | N/A | None | All multiple sclerosis drugs | 0 | Any | 01 |
| Algorithm Codes | 301 Days | Algorithm Codes | 7 Days | 273 Days | Dalfampridine | N/A | None | Dalfampridine | 0 | Any | 01 |
| Algorithm Codes | 301 Days | Algorithm Codes | 7 Days | 273 Days | Dimethyl fumarate | N/A | None | Dimethyl fumarate | 0 | Any | 01 |
| Algorithm Codes | 301 Days | Algorithm Codes | 7 Days | 273 Days | Fingolimod | N/A | None | Fingolimod | 0 | Any | 01 |
| Algorithm Codes | 301 Days | Algorithm Codes | 7 Days | 273 Days | Glatiramer acetate | N/A | None | Glatiramer acetate | 0 | Any | 01 |
| Algorithm Codes | 301 Days | Algorithm Codes | 7 Days | 273 Days | Interferon beta-1a with or without albumin | N/A | None | Interferon beta-1a with or without albumin | 0 | Any | 01 |
| Algorithm Codes | 301 Days | Algorithm Codes | 7 Days | 273 Days | Interferon beta-1b | N/A | None | Interferon beta-1b | 0 | Any | 01 |
| Algorithm Codes | 301 Days | Algorithm Codes | 7 Days | 273 Days | Peginterferon beta-1a | N/A | None | Peginterferon beta-1a | 0 | Any | 01 |
| Algorithm Codes | 301 Days | Algorithm Codes | 7 Days | 273 Days | Teriflunomide | N/A | None | Teriflunomide | 0 | Any | 01 |
| Algorithm Codes | 301 Days | Algorithm Codes | 7 Days | 273 Days | Alemtuzumab | N/A | None | Alemtuzumab | 0 | Any | 01 |
| Algorithm Codes | 301 Days | Algorithm Codes | 7 Days | 273 Days | Natalizumab | N/A | None | Natalizumab | 0 | Any | 01 |
| Algorithm Codes | 301 Days | Algorithm Codes | 7 Days | 273 Days | Daclizumab | N/A | None | Daclizumab | 0 | Any | 01 |
| Algorithm Codes | 301 Days | Algorithm Codes | 7 Days | 273 Days | Mitoxantrone | N/A | None | Mitoxantrone | 0 | Any | 01 |
| | Algorithm Codes | Delivery Washout Period Algorithm Codes 301 Days | Delivery Pregnancy Delivery Washout Duration | Delivery DefinitionDelivery Washout PeriodPregnancy Duration DefinitionPre/PostTerm Evaluation WindowAlgorithm Codes301 DaysAlgorithm Codes7 DaysAlgorithm Codes301 DaysAlgorithm Codes7 Days | Delivery Delivery DefinitionDelivery Washout PeriodPregnancy Duration DefinitionPregnancy PostTerm Evaluation WindowPregnancy Duration in Absence of Specific CodeAlgorithm Codes301 DaysAlgorithm Codes7 Days273 DaysAlgorithm Codes301 DaysAlgorithm Codes7 Days273 Days | Delivery DefinitionDelivery Washout PeriodPregnancy Duration DefinitionPred PostTerm Evaluation WindowPregnancy Duration in Absence of Specific CodeExposureAlgorithm Codes301 DaysAlgorithm Codes7 Days273 DaysAll multiple sclerosis drugsAlgorithm Codes301 DaysAlgorithm Codes7 Days273 DaysDalfampridineAlgorithm Codes301 DaysAlgorithm Codes7 Days273 DaysDimethyl fumarateAlgorithm Codes301 DaysAlgorithm Codes7 Days273 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drugsAlgorithm Codes301 DaysAlgorithm Codes7 Days273 DaysDalfampridineN/ANoneDalfampridineAlgorithm Codes301 DaysAlgorithm Codes7 Days273 DaysDimethyl fumarateN/ANoneDimethyl fumarateAlgorithm Codes301 DaysAlgorithm Codes7 Days273 DaysGlatiramer acetateN/ANoneGlatiramer acetateAlgorithm Codes301 DaysAlgorithm Codes7 Days273 DaysGlatiramer acetateN/ANoneInterferon beta-1a with or without albuminAlgorithm Codes301 DaysAlgorithm Codes7 Days273 DaysInterferon beta-1bN/ANoneInterferon beta-1aAlgorithm Codes301 DaysAlgorithm Codes7 Days273 DaysPeginterferon beta-1aN/ANonePeginterferon beta-1aAlgorithm Codes301 DaysAlgorithm Codes7 Days273 DaysTeriflunomideN/ANoneTeriflunomideAlgorithm Codes301 DaysAlgorithm Codes7 Days273 DaysAlemtuzumabN/ANoneAlemtuzumabAlgorithm Codes301 DaysAlgorithm Codes <th>Delivery Delivery Delivery Delivery DefinitionDelivery Delivery DescriptionPregnancy DescriptionPregnancy PostTerm PostTerm Duration in Evaluation in Evaluation in DefinitionPregnancy Duration in 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beta-1a with or without albumin or without alb |

International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), 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."