

### Disclaimer

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

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

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

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

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#### Overview for Request: cder mpl1p wp092 nsdp v02

Request ID: cder\_mpl1p\_wp092\_nsdp\_v02

**Request Description:** In this report, we examined syphilis testing and treatment in the first 30 days of life in infants linked to pregnant women with a diagnosis of syphilis in the Sentinel Distributed Database (SDD).

<u>Sentinel Routine Querying Module:</u> Cohort Identification and Descriptive Analysis (CIDA) Pregnancy tool version 13.1.2, with custom programming.

<u>Data Source:</u> We distributed this request to four Sentinel Data Partners on August 1, 2024. These four Data Partners are a subset of the SDD and do not include patients with Medicare coverage. The study period included data from January 1, 2010 through December 31, 2023. Please see Appendix A for a list of dates of available data for each Data Partner.

<u>Study Design:</u> We identified infants linked to live birth deliveries occurring to females between the ages of 10 and 54 years of age who had evidence of syphilis diagnosis in pregnancy, using the Mother-Infant Linkage Table. This is a Type 4 analysis in the Query Request Package (QRP) documentation.

Pregnancy Episode Creation: We identified pregnancies ending in a live birth using a claims-based algorithm. 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 for live births. 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 Current Procedural Terminology, Fourth Edition (CPT-4) procedure codes and ICD-9-CM and ICD-10-CM codes used in the gestational age algorithm, and Appendix C for a list of ICD-9-CM and ICD-10-CM codes used to define live-birth pregnancies.

<u>Exposure Identification During Pregnancy</u>: We identified pregnancy episodes that had evidence of syphilis diagnosis, from last menstrual period (LMP) through pregnancy outcome.

Exposure/Event of Interest: Syphilis diagnoses were defined using International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and Tenth Revision, Clinical Modification (ICD-10-CM) diagnosis codes. To be classified as a syphilis case, the pregnancy was required to have at least one diagnosis code for syphilis that did not occur on the same date as a procedure code for syphilis testing. In a secondary definition, the pregnancy was required to have at least two diagnosis codes for syphilis that did not occur on the same date as a procedure code for syphilis testing. Please see Appendix D for a list of diagnosis and procedure codes used to define syphilis testing and Appendix E for syphilis diagnosis codes.

<u>Outcome of Interest</u>: Among infants, we assessed the outcomes of interest, syphilis testing and treatment, using National Drug Codes (NDCs) and Healthcare Common Procedure Coding System (HCPCS) procedure codes. Treatment was defined as benzathine penicillin G or procaine penicillin G. See Appendix F and Appendix F.1 for a list of NDC and HCPCS codes used to define syphilis treatment.

<u>Cohort Eligibility Criteria:</u> We required pregnancies to be enrolled in health plans with medical and drug coverage from LMP through pregnancy outcome. We required that infants were enrolled within 7 days of birth and had continuous enrollment through 30 days after birth.

Baseline Characteristics: We assessed the following characteristics at the time of index: year, age, race, ethnicity. We assessed prenatal care visit in the first trimester and pregnancy-associated care in the first trimester from LMP date through 97 days post-LMP, by using ICD-9-CM, ICD-10-CM, and HCPCS codes. We assessed preterm birth from seven days before birth outcome to seven days after birth outcome. Syphilis treatment status was assessed from LMP to delivery in pregnancies using National Drug Codes (NDCs) and Healthcare Common Procedure Coding System (HCPCS) procedure codes. Standard treatment was defined as benzathine penicillin G. Alternative treatment was defined as other antibiotics sometimes given for syphilis, and required that a syphilis code occurred within 30 days prior to the antibiotic dispensing to count as an alternative treatment.



## Overview for Request: cder\_mpl1p\_wp092\_nsdp\_v02

<u>Limitations:</u> Algorithms to define pregnancy, exposures, outcomes, inclusion and exclusion criteria, and characteristics are imperfect and may be misclassified. Therefore, data should be interpreted with this limitation in mind.

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

<sup>&</sup>lt;sup>1</sup> Li, Q., et al., Validation of an algorithm to estimate gestational age in electronic health plan databases. Pharmacoepidemiology Drug Saf, 2013. 22(5): p. 524-32.



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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

**Enrollment Gap** - number of days allowed between two consecutive enrollment periods without breaking a "continuously enrolled" **Episodes** - treatment episodes; length of episode is determined by days supplied in one dispensing or consecutive dispensings bridged by the episode gap.

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

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

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

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

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

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

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

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



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

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

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

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

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

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

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

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

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

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

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

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

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

\*all terms may not be used in this report



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Table 1a. Aggregated Characteristics of All Live Births from the Live Birth Delivery Cohort in the Sentinel Distributed Database from January 1, 2010 to October 31, 2023<sup>1</sup>

| All Live Births from the | Live Birth Delivery Cohort   |
|--------------------------|--|
|                          | and birtin bentery contort   |
|                          | Percent/   |
| Number/Mean              | Standard Deviation <sup>4</sup>  |
| 4,257,373                | N/A  |
| 4,995,666                | 100.0%   |
|                          | Percent/   |
| Number/Mean              | Standard Deviation <sup>4</sup>  |
| 0.0                      | NaN  |
| 0.0                      | N. N.  |
| 0.0                      | NaN Percent/   |
| Number/Mean              | Standard Deviation <sup>4</sup>  |
|                          | 5.2  |
| <del></del>              |  |
| 259.390                  | 5.2%   |
| ·                        | 45.5%  |
|                          | 45.9%  |
|                          | 3.4%   |
| ,                        |  |
| 4,257,373                | 100.0%   |
| , ,                      |  |
| 50,890                   | 1.2%   |
| 143,758                  | 3.4%   |
| 530,121                  | 12.5%  |
| 43,252                   | 1.0%   |
| 15,917                   | 0.4%   |
| 2,135,898                | 50.2%  |
|                          | 31.4%  |
| , ,                      |  |
|                          | 4,257,373 4,995,666  Number/Mean 0.0 0.0  Number/Mean 29.7  259,390 2,274,757 2,291,988 169,531  4,257,373  50,890 143,758 530,121 43,252 15,917 |

|                             |             | Percent/                        |
|-----------------------------|-------------|---------------------------------|
| Demographic Characteristics | Number/Mean | Standard Deviation <sup>4</sup> |
| Yes                         | 527,507     | 12.4%                           |
| No                          | 1,923,570   | 45.2%                           |
| Unknown                     | 1,806,296   | 42.4%                           |
| Year                        |             |                                 |
| 2010                        | 178,658     | 3.6%                            |
| 2011                        | 166,501     | 3.3%                            |
| 2012                        | 157,908     | 3.2%                            |
| 2013                        | 166,721     | 3.3%                            |



Table 1a. Aggregated Characteristics of All Live Births from the Live Birth Delivery Cohort in the Sentinel Distributed Database from January 1, 2010 to October 31, 2023<sup>1</sup>

|   | Co                       | phort                           |
|---|--------------------------|---------------------------------|
|   | All Live Births from the | Live Birth Delivery Cohort      |
| 2014  | 196,420                  | 3.9%                            |
| 2015  | 273,214                  | 5.5%                            |
| 2016  | 418,670                  | 8.4%                            |
| 2017  | 614,422                  | 12.3%                           |
| 2018  | 649,460                  | 13.0%                           |
| 2019  | 626,324                  | 12.5%                           |
| 2020  | 637,468                  | 12.8%                           |
| 2021  | 606,120                  | 12.1%                           |
| 2022  | 183,617                  | 3.7%                            |
| 2023  | 120,163                  | 2.4%                            |
|   |                          | Percent/                        |
| regnancy Characteristics                                  | Number/Mean              | Standard Deviation <sup>4</sup> |
| reterm: less than 37 weeks                                | 438,011                  | 8.8%                            |
| arly term: 37 0/7 weeks through 38 6/7 weeks              | 1,363,487                | 27.3%                           |
| ull term: 39 0/7 weeks through 40 6/7 weeks               | 2,323,580                | 46.5%                           |
| ate term: 41 0/7 weeks through 41 6/7 weeks               | 795,798                  | 15.9%                           |
| ostterm: 42 0/7 weeks and beyond                          | 38,677                   | 0.8%                            |
|   |                          | Percent/                        |
| regnancy Characteristics                                  | Number/Mean              | Standard Deviation <sup>4</sup> |
| Inknown Term  | 36,113                   | 0.7%                            |
| Sestational age <sup>6</sup> at pregnancy outcome (weeks) | 39.6                     | 2.3                             |
|   |                          |                                 |



Table 1a. Aggregated Characteristics of All Live Births from the Live Birth Delivery Cohort in the Sentinel Distributed Database from January 1, 2010 to October 31, 2023<sup>1</sup>

|  | Cohort  |                     |
|--|---|---------------------|
|  | All Live Births from the Live Birth Delivery Cohort |                     |
|  |   | Percent/            |
| Health Characteristics                             | Number/Mean   | Standard Deviation⁴ |
| Prenatal Care in First Trimester                   | 4,507,316   | 90.2%               |
| Treated with standard syphilis antibiotics         | 7,513   | 0.2%                |
| Treated with non-standard syphilis antibiotics     | N/A   | N/A                 |
| Treated only with non-standard syphilis antibiotic | N/A   | N/A                 |
| Treated with standard syphilis antibiotics <=30    | 1,139   | 0.0%                |
| Treated with standard syphilis antibiotics >30     | 6,725   | 0.1%                |
| Preterm Birth                                      | 0   | 0.0%                |
| Treated only with standard syph antibiotics <=30   | 788   | 0.0%                |

<sup>&</sup>lt;sup>1</sup>Pregnancy is defined as a pregnancy that resulted in a live or non-live birth identified using the method specified in the overview section of this report.

<sup>&</sup>lt;sup>2</sup>All metrics are based on total number of episodes per group, except for sex, race, and Hispanic origin which are based on total number of unique patients.

<sup>&</sup>lt;sup>3</sup>Characteristics in blue show a standardized difference greater than 0.1.

<sup>&</sup>lt;sup>4</sup>Value represents standard deviation where no % follows the value.

<sup>&</sup>lt;sup>5</sup>Race data may not be completely populated at all Data Partners; therefore, data about race may be incomplete.

<sup>&</sup>lt;sup>6</sup>The length of the pregnancy episode was estimated using a hierarchy of pregnancy markers. If overlapping pregnancy episodes were constructed in the same patient due to observation of multiple pregnancy markers, then the markers providing more reliable estimation of pregnancy start was selected for estimation of pregnancy start date. If no pregnancy markers were observed, then a fixed pregnancy duration was assigned by pregnancy outcome type, as described in the overview section of this report.



Table 1b. Aggregated Characteristics of Infant Syphilis Testing among Pregnancies with One Syphilis Diagnosis Code Day in the Sentinel Distributed Database from January 1, 2010 to October 31, 2023<sup>1</sup>

|  | Medical Procedure |                                 |
|--|-------------------|---------------------------------|
|  | Infants Test      | ted for Syphilis                |
| 12   |                   | Percent/                        |
| Mother Characteristics <sup>2,3</sup>  | Number/Mean       | Standard Deviation <sup>4</sup> |
| Unique patients  | 2,911             | N/A                             |
|  | n. 1 /n.          | Percent/                        |
| Infant Characteristics   | Number/Mean       | Standard Deviation <sup>4</sup> |
| Enrollment time after birth (days) Difference between date of birth and date of enrollment | 740.0             | 632.0                           |
| days)  | -2.0              | 2.5                             |
| (days)   | 2.0               | Percent/                        |
| Demographic Characteristics  | Number/Mean       | Standard Deviation <sup>4</sup> |
| Age (years)  | 28.2              | 5.6                             |
| Age  |                   |                                 |
| 10-19 years  | 252               | 8.6%                            |
| 20-29 years  | 1,610             | 54.7%                           |
| 30-39 years  | 983               | 33.4%                           |
| 40-54 years  | 100               | 3.4%                            |
| Sex  |                   |                                 |
| Female   | 2,911             | 100.0%                          |
| Race <sup>5</sup>  |                   |                                 |
| American Indian or Alaska Native   | 64                | 2.2%                            |
| Asian  | 62                | 2.1%                            |
| Black or African American  | 807               | 27.7%                           |
| Multi-racial   | ****              | ****                            |
| Native Hawaiian or Other Pacific Islander  | ****              | ****                            |
| Unknown  | 1,309             | 45.0%                           |
| White  | 634               | 21.8%                           |
| Hispanic origin  |                   |                                 |
|  |                   | Percent/                        |
| Demographic Characteristics  | Number/Mean       | Standard Deviation⁴             |
| Yes  | 559               | 19.2%                           |
| No   | 1,540             | 52.9%                           |
| Unknown  | 812               | 27.9%                           |
| Year   |                   |                                 |
| 2010   | 47                | 1.6%                            |
| 2011   | 34                | 1.2%                            |

45

65

70

1.5%

2.2%

2.4%

2012

2013

2014



Table 1b. Aggregated Characteristics of Infant Syphilis Testing among Pregnancies with One Syphilis Diagnosis Code Day in the Sentinel Distributed Database from January 1, 2010 to October 31, 2023<sup>1</sup>

|   | Medical Procedure |  |
|---|-------------------|--|
|   | Infants Test      | ted for Syphilis                         |
| 2015  | 109               | 3.7%                                     |
| 2016  | 311               | 10.6%                                    |
| 2017  | 421               | 14.3%                                    |
| 2018  | 399               | 13.5%                                    |
| 2019  | 514               | 17.5%                                    |
| 2020  | 636               | 21.6%                                    |
| 2021  | 189               | 6.4%                                     |
| 2022  | 105               | 3.6%                                     |
| 2023  | 0                 | 0.0%                                     |
|   |                   | Percent/                                 |
| Pregnancy Characteristics                                 | Number/Mean       | Standard Deviation <sup>4</sup>          |
| Preterm: less than 37 weeks                               | 357               | 12.1%                                    |
| arly term: 37 0/7 weeks through 38 6/7 weeks              | 965               | 32.8%                                    |
| full term: 39 0/7 weeks through 40 6/7 weeks              | 1,264             | 42.9%                                    |
| ate term: 41 0/7 weeks through 41 6/7 weeks               | 336               | 11.4%                                    |
|   |                   | Percent/                                 |
| Pregnancy Characteristics                                 | Number/Mean       | Standard Deviation <sup>4</sup>          |
| Postterm: 42 0/7 weeks and beyond                         | 11                | 0.4%                                     |
| Jnknown Term  | 12                | 0.4%                                     |
| Gestational age <sup>6</sup> at pregnancy outcome (weeks) | 39.2              | 2.3                                      |
| Exposure Characteristics                                  | Number/Mean       | Percent/ Standard Deviation <sup>4</sup> |
| Gestational age <sup>6</sup> of first exposure (weeks)    | 22.2              | 11.2                                     |
| Mean number of dispensings in first trimester             | 0.7               | 1.3                                      |
| Mean number of dispensings in first trimester             | 1.3               | 2.1                                      |
| Mean number of dispensings in third trimester             | 2.0               | 2.7                                      |
| exposed during first trimester                            | 1,007             | 34.2%                                    |
| exposed during mist trimester                             | 1,403             | 47.6%                                    |
| exposed during second trimester                           | 1,988             | 67.5%                                    |
| exposed during tillia tilliestel                          |                   | 0.0%                                     |
| exposed during user-defined pre-pregnancy period          | 0                 | Percent/                                 |
| Health Characteristics                                    | Number/Mean       | Standard Deviation <sup>4</sup>          |
| Prenatal Care in First Trimester                          | 2,511             | 85.3%                                    |
| reated with standard syphilis antibiotics                 | 1,025             | 34.8%                                    |
| reated with non-standard syphilis antibiotics             | 226               | 7.7%                                     |
| reated only with non-standard syphilis antibiotic         | 142               | 4.8%                                     |
|   | - ·-              | ,  |
| reated with standard syphilis antibiotics <=30            | 174               | 5.9%                                     |



# Table 1b. Aggregated Characteristics of Infant Syphilis Testing among Pregnancies with One Syphilis Diagnosis Code Day in the Sentinel Distributed Database from January 1, 2010 to October 31, 2023<sup>1</sup>

|  | Medical F                   | Procedure |
|--|-----------------------------|-----------|
|  | Infants Tested for Syphilis |           |
| Preterm Birth                                    | 0                           | 0.0%      |
| Treated only with standard syph antibiotics <=30 | 97                          | 3.3%      |

<sup>&</sup>lt;sup>1</sup>Pregnancy is defined as a pregnancy that resulted in a live or non-live birth identified using the method specified in the overview section of this report. The pregnancy was required to have at least one diagnosis code for syphilis that did not occur on the same date as a procedure code for syphilis testing.

<sup>&</sup>lt;sup>2</sup>Characteristics in blue show a standardized difference greater than 0.1.

<sup>&</sup>lt;sup>3</sup>Baseline period in reference to user-defined index dates (start of first valid exposed pregnancy, exposure date, or pregnancy outcome date).

<sup>&</sup>lt;sup>4</sup>Value represents standard deviation where no % follows the value.

<sup>&</sup>lt;sup>5</sup>Race data may not be completely populated at all Data Partners; therefore, data about race may be incomplete.

<sup>&</sup>lt;sup>6</sup>The length of the pregnancy episode was estimated using a hierarchy of pregnancy markers. If overlapping pregnancy episodes were constructed in the same patient due to observation of multiple pregnancy markers, then the markers providing more reliable estimation of pregnancy start was selected for estimation of pregnancy start date. If no pregnancy markers were observed, then a fixed pregnancy duration was assigned by pregnancy outcome type, as described in the overview section of this report.

<sup>\*\*\*\*\*</sup>Data are not presented in these cells due to a small sample size or to ensure a small cell cannot be recalculated through the cells presented.

NaN = Not a number.



Table 1c. Aggregated Characteristics of Infant Syphilis Treatment among Pregnancies with One Syphilis Diagnosis Code Day in the Sentinel Distributed Database from January 1, 2010 to October 31, 2023<sup>1</sup>

|   | Medical Procedure |                                 |
|---|-------------------|---------------------------------|
|   | Infants Trea      | ted for Syphilis                |
|   |                   | Percent/                        |
| Mother Characteristics <sup>2,3</sup>                   | Number/Mean       | Standard Deviation <sup>4</sup> |
| Unique patients   | 2,911             |                                 |
|   |                   | Percent/                        |
| Infant Characteristics                                  | Number/Mean       | Standard Deviation <sup>4</sup> |
| Enrollment time after birth (days)                      | 740.0             | 632.0                           |
| Difference between date of birth and date of enrollment |                   |                                 |
| (days)  | -2.0              | 2.5                             |
|   |                   | Percent/                        |
| Demographic Characteristics                             | Number/Mean       | Standard Deviation <sup>4</sup> |
| Age (years)   | 28.2              | 5.6                             |
| Age   |                   |                                 |
| 10-19 years   | 252               | 8.6%                            |
| 20-29 years   | 1,610             | 54.7%                           |
| 30-39 years   | 983               | 33.4%                           |
| 40-54 years   | 100               | 3.4%                            |
| Sex   |                   |                                 |
| Female  | 2,911             | 100.0%                          |
| Race <sup>5</sup>                                       |                   |                                 |
| American Indian or Alaska Native                        | 64                | 2.2%                            |
| Asian   | 62                | 2.1%                            |
| Black or African American                               | 807               | 27.7%                           |
| Multi-racial  | ****              | ****                            |
| Native Hawaiian or Other Pacific Islander               | ****              | ****                            |
| Unknown   | 1,309             | 45.0%                           |
| White   | 634               | 21.8%                           |
| Hispanic origin   |                   |                                 |
| Yes   | 559               | 19.2%                           |
| No  | 1,540             | 52.9%                           |
| Unknown   | 812               | 27.9%                           |
| Year  |                   |                                 |
| 2010  | 47                | 1.6%                            |
|   |                   | Percent/                        |
| Demographic Characteristics                             | Number/Mean       | Standard Deviation <sup>4</sup> |
| 2011  | 34                | 1.2%                            |
| 2012  | 45                | 1 5%                            |

|                             |             | Percent/                        |
|-----------------------------|-------------|---------------------------------|
| Demographic Characteristics | Number/Mean | Standard Deviation <sup>4</sup> |
| 2011                        | 34          | 1.2%                            |
| 2012                        | 45          | 1.5%                            |
| 2013                        | 65          | 2.2%                            |
| 2014                        | 70          | 2.4%                            |
| 2015                        | 109         | 3.7%                            |
| 2016                        | 311         | 10.6%                           |
| 2017                        | 421         | 14.3%                           |
| 2018                        | 399         | 13.5%                           |
| 2019                        | 514         | 17.5%                           |
| 2020                        | 636         | 21.6%                           |
| 2021                        | 189         | 6.4%                            |



Table 1c. Aggregated Characteristics of Infant Syphilis Treatment among Pregnancies with One Syphilis Diagnosis Code Day in the Sentinel Distributed Database from January 1, 2010 to October 31, 2023<sup>1</sup>

| Perterm: less than 37 weeks Early term: 37 0/7 weeks through 38 6/7 weeks Full term: 39 0/7 weeks through 40 6/7 weeks Full term: 39 0/7 weeks through 40 6/7 weeks Full term: 39 0/7 weeks through 40 6/7 weeks Full term: 41 0/7 weeks through 41 6/7 weeks Full term: 42 0/7 weeks through 41 6/7 weeks Full term: 42 0/7 weeks and beyond Full term: 42 0/7 weeks through 41 6/7 weeks Full term: 42 0/7 weeks through 40 6/7 weeks Full term: 42 0/7 weeks through 40 6/7 weeks Full term: 42 0/7 weeks through 40 6/7 weeks Full term: 42 0/7 weeks through 40 6/7 weeks Full term: 42 0/7 weeks through 40 6/7 weeks Full term: 42 0/7 weeks through 40 6/7 weeks Full term: 42 0/7 weeks through 40 6/7 weeks Full term: 42 0/7 weeks through 40 6/7 weeks Full term: 42 0/7 weeks through 40 6/7 weeks Full term: 42 0/7 weeks through 40 6/7 weeks Full term: 42 0/7 weeks through 40 6/7 weeks Full term: 42 0/7 weeks through 40 6/7 weeks Full term: 42 0/7 weeks through 42 0/7 weeks Full term: 42 0/7 weeks through 42 0/7 weeks Full term: 42 0/7 weeks through 42 0/7 weeks Full term: 42 0/7 weeks through 42 0/7 weeks Full term: 42 0/7 weeks through 42 0/7 weeks Full term: 42 0/7 weeks through 42 0/7 weeks Full term: 42 0/7 weeks through 42 0/7 weeks Full term: 42 0/7 weeks through 42 0/7 weeks Full term: 42 0/7 weeks and 42 0/7 weeks Full term: 4           |   | Medical      | Procedure                       |
|--|---|--------------|---------------------------------|
| 2023 0 0.0% Percent/ Pergnancy Characteristics Number/Mean Standard Deviation Percent: less than 37 weeks Full term: 37 0/7 weeks through 38 6/7 weeks Full term: 39 0/7 weeks through 40 6/7 weeks Full term: 39 0/7 weeks through 40 6/7 weeks Full term: 41 0/7 weeks through 41 6/7 weeks Full term: 42 0/7 weeks through 41 6/7 weeks Full term: 42 0/7 weeks and beyond Full term: 42 0/7 weeks through 41 6/7 weeks Full term: 40 0/7 weeks through 42 0/4 weeks Full term: 40 0/7 Full term: 40 0/4 weeks Full term: 40 0/4 weeks Full term: 40 0/7 Full term: 40 0/4 weeks Full term: 40 0/4 weeks Full term           |   | Infants Trea | ted for Syphilis                |
| Percent/ Pregnancy Characteristics Preterm: less than 37 weeks Farly term: 37 0/7 weeks through 38 6/7 weeks Farly term: 39 0/7 weeks through 40 6/7 weeks Farly term: 39 0/7 weeks through 40 6/7 weeks Farly term: 41 0/7 weeks through 41 6/7 weeks Farly term: 42 0/7 weeks through 41 6/7 weeks Farly term: 42 0/7 weeks through 41 6/7 weeks Farly term: 42 0/7 weeks through 41 6/7 weeks Farly term: 42 0/7 weeks through 41 6/7 weeks Farly term: 42 0/7 weeks through 41 6/7 weeks Farly term: 42 0/7 weeks and beyond Farly term: 42 0/7 weeks and 52 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4   | 2022  | 105          | 3.6%                            |
| Pregnancy Characteristics Preterm: less than 37 weeks Foreterm: 37 0/7 weeks through 38 6/7 weeks Foreterm: 39 0/7 weeks through 40 6/7 weeks Foreterm: 39 0/7 weeks through 40 6/7 weeks Foreterm: 41 0/7 weeks through 41 6/7 weeks Foreterm: 42 0/7 weeks through 41 6/7 weeks Foreterm: 42 0/7 weeks and beyond Foreterm: 42 0/7 weeks and be           | 2023  | 0            | 0.0%                            |
| Perterm: less than 37 weeks Early term: 37 0/7 weeks through 38 6/7 weeks Full term: 39 0/7 weeks through 40 6/7 weeks Full term: 39 0/7 weeks through 40 6/7 weeks Full term: 39 0/7 weeks through 40 6/7 weeks Full term: 41 0/7 weeks through 41 6/7 weeks Full term: 42 0/7 weeks through 41 6/7 weeks Full term: 42 0/7 weeks and beyond Full term: 42 0/7 weeks through 41 6/7 weeks Full term: 42 0/7 weeks through 40 6/7 weeks Full term: 42 0/7 weeks through 40 6/7 weeks Full term: 42 0/7 weeks through 40 6/7 weeks Full term: 42 0/7 weeks through 40 6/7 weeks Full term: 42 0/7 weeks through 40 6/7 weeks Full term: 42 0/7 weeks through 40 6/7 weeks Full term: 42 0/7 weeks through 40 6/7 weeks Full term: 42 0/7 weeks through 40 6/7 weeks Full term: 42 0/7 weeks through 40 6/7 weeks Full term: 42 0/7 weeks through 40 6/7 weeks Full term: 42 0/7 weeks through 40 6/7 weeks Full term: 42 0/7 weeks through 40 6/7 weeks Full term: 42 0/7 weeks through 42 0/7 weeks Full term: 42 0/7 weeks through 42 0/7 weeks Full term: 42 0/7 weeks through 42 0/7 weeks Full term: 42 0/7 weeks through 42 0/7 weeks Full term: 42 0/7 weeks through 42 0/7 weeks Full term: 42 0/7 weeks through 42 0/7 weeks Full term: 42 0/7 weeks through 42 0/7 weeks Full term: 42 0/7 weeks through 42 0/7 weeks Full term: 42 0/7 weeks and 42 0/7 weeks Full term: 4           |   |              | Percent/                        |
| Early term: 37 0/7 weeks through 38 6/7 weeks Full term: 39 0/7 weeks through 40 6/7 weeks Late term: 41 0/7 weeks through 41 6/7 weeks Late term: 41 0/7 weeks through 41 6/7 weeks Late term: 42 0/7 weeks and beyond Linknown Term Linknown T           | Pregnancy Characteristics                                 | Number/Mean  | Standard Deviation <sup>4</sup> |
| Full term: 39 0/7 weeks through 40 6/7 weeks Late term: 41 0/7 weeks through 41 6/7 weeks Late term: 42 0/7 weeks and beyond Linknown Term Lin           | Preterm: less than 37 weeks                               | 357          | 12.1%                           |
| Take term: 41 0/7 weeks through 41 6/7 weeks  Postterm: 42 0/7 weeks and beyond  Unknown Term  12  0.4%  Gestational age <sup>6</sup> at pregnancy outcome (weeks)  39.2  2.3  Percent/  Exposure Characteristics  Number/Mean  Standard Deviation  Gestational age <sup>6</sup> of first exposure (weeks)  22.2  11.2  Mean number of dispensings in first trimester  0.7  1.3  Mean number of dispensings in second trimester  1.3  2.1  Mean number of dispensings in third trimester  2.0  2.7  Exposed during first trimester  1,007  34.2%  Exposed during second trimester  1,403  47.6%  Percent/  Exposure Characteristics  Number/Mean  Standard Deviation  Percent/  Exposure Characteristics  Number/Mean  Standard Deviation  48.29  49.59  Fixed Standard Deviation  Percent/  Exposed during third trimester  1,988  67.5%  | Early term: 37 0/7 weeks through 38 6/7 weeks             | 965          | 32.8%                           |
| Postterm: 42 0/7 weeks and beyond 11 0.4% Unknown Term 12 0.4% Sestational age <sup>6</sup> at pregnancy outcome (weeks) 39.2 2.3  Percent/ Exposure Characteristics Number/Mean Standard Deviation <sup>4</sup> Sestational age <sup>6</sup> of first exposure (weeks) 22.2 11.2  Mean number of dispensings in first trimester 0.7 1.3  Mean number of dispensings in second trimester 1.3 2.1  Mean number of dispensings in third trimester 2.0 2.7  Exposed during first trimester 1,007 34.2%  Exposed during second trimester 1,403 47.6%  Exposure Characteristics Number/Mean Standard Deviation <sup>4</sup> Exposure Characteristics Number/Mean Standard Deviation <sup>4</sup> Exposed during third trimester 1,988 67.5%   | Full term: 39 0/7 weeks through 40 6/7 weeks              | 1,264        | 42.9%                           |
| Unknown Term Gestational age <sup>6</sup> at pregnancy outcome (weeks)  Sestational age <sup>6</sup> at pregnancy outcome (weeks)  Exposure Characteristics  Sumber/Mean  Gestational age <sup>6</sup> of first exposure (weeks)  Mean number of dispensings in first trimester  Mean number of dispensings in second trimester  Mean number of dispensings in third trimester  Exposed during first trimester  Exposed during second trimester  Exposure Characteristics  Number/Mean  Standard Deviation  Percent/  Exposure Characteristics  Number/Mean  Standard Deviation  Fercent/  Exposed during third trimester  1,988  67.5%  | Late term: 41 0/7 weeks through 41 6/7 weeks              | 336          | 11.4%                           |
| Sestational age at pregnancy outcome (weeks)  Sestational age for first exposure (weeks)  Mean number of dispensings in first trimester  Mean number of dispensings in second trimester  Mean number of dispensings in third trimester  Mean number of dispensings in third trimester  Sexposed during first trimester  Exposed during second trimester  Mumber/Mean  Mumber/Mean  Mumber/Mean  Standard Deviation for the second trimester  Reposure Characteristics  Number/Mean  Standard Deviation for the second trimester  1,988  67.5%  | Postterm: 42 0/7 weeks and beyond                         | 11           | 0.4%                            |
| Percent/ Exposure Characteristics  Sestational age <sup>6</sup> of first exposure (weeks)  Mean number of dispensings in first trimester  Mean number of dispensings in second trimester  Mean number of dispensings in third trimester  Mean number of dispensings in third trimester  Mean number of dispensings in third trimester  2.0  2.7  Exposed during first trimester  1,007  34.2%  Exposed during second trimester  1,403  47.6%  Percent/  Exposure Characteristics  Number/Mean  Standard Deviation  Acceptable of the second deviation of the sec | Unknown Term  | 12           | 0.4%                            |
| Exposure Characteristics  Cestational age <sup>6</sup> of first exposure (weeks)  Mean number of dispensings in first trimester  Mean number of dispensings in second trimester  Mean number of dispensings in second trimester  Mean number of dispensings in third trimester  Mean number of dispensings in third trimester  Exposed during first trimester  Exposed during second trimester  Thus the second trimester  1,007  34.2%  Exposed during second trimester  1,403  47.6%  Percent/  Exposure Characteristics  Number/Mean  Standard Deviation  4  Exposed during third trimester  1,988  67.5%   | Gestational age <sup>6</sup> at pregnancy outcome (weeks) | 39.2         | 2.3                             |
| Gestational age of first exposure (weeks)  Mean number of dispensings in first trimester  Mean number of dispensings in second trimester  Mean number of dispensings in second trimester  Mean number of dispensings in third trimester  Exposed during first trimester  1,007  34.2%  Exposed during second trimester  1,403  47.6%  Percent/  Exposure Characteristics  Number/Mean  Standard Deviation of third trimester  1,988  67.5%   |   |              | Percent/                        |
| Mean number of dispensings in first trimester 0.7 1.3  Mean number of dispensings in second trimester 1.3 2.1  Mean number of dispensings in third trimester 2.0 2.7  Exposed during first trimester 1,007 34.2%  Exposed during second trimester 1,403 47.6%  Exposure Characteristics Number/Mean Standard Deviation 4  Exposed during third trimester 1,988 67.5%   | Exposure Characteristics                                  | Number/Mean  | Standard Deviation <sup>4</sup> |
| Mean number of dispensings in second trimester  Mean number of dispensings in third trimester  Exposed during first trimester  Exposed during second trimester  1,007  34.2%  Exposed during second trimester  1,403  47.6%  Percent/  Exposure Characteristics  Number/Mean  Standard Deviation  Exposed during third trimester  1,988  67.5%   | Gestational age <sup>6</sup> of first exposure (weeks)    | 22.2         | 11.2                            |
| Mean number of dispensings in third trimester 2.0 2.7 Exposed during first trimester 1,007 34.2% Exposed during second trimester 1,403 47.6%  Percent/ Exposure Characteristics Number/Mean Standard Deviation 4 Exposed during third trimester 1,988 67.5%  | Mean number of dispensings in first trimester             | 0.7          | 1.3                             |
| Exposed during first trimester 1,007 34.2% Exposed during second trimester 1,403 47.6%  Percent/ Exposure Characteristics Number/Mean Standard Deviation 4 57.5%   | Mean number of dispensings in second trimester            | 1.3          | 2.1                             |
| Exposed during second trimester 1,403 47.6%  Percent/ Exposure Characteristics Number/Mean Standard Deviation 4 Exposed during third trimester 1,988 67.5%   | Mean number of dispensings in third trimester             | 2.0          | 2.7                             |
| Percent/ Exposure Characteristics Number/Mean Standard Deviation <sup>4</sup> Exposed during third trimester 1,988 67.5%   | Exposed during first trimester                            | 1,007        | 34.2%                           |
| Exposure Characteristics  Number/Mean  Standard Deviation  Exposed during third trimester  1,988  67.5%  | Exposed during second trimester                           | 1,403        | 47.6%                           |
| Exposed during third trimester 1,988 67.5%   |   |              | Percent/                        |
|  | Exposure Characteristics                                  | Number/Mean  | Standard Deviation <sup>4</sup> |
| Exposed during user-defined pre-pregnancy period 0 0.0%  | Exposed during third trimester                            | 1,988        | 67.5%                           |
|  | Exposed during user-defined pre-pregnancy period          | 0            | 0.0%                            |



Table 1c. Aggregated Characteristics of Infant Syphilis Treatment among Pregnancies with One Syphilis Diagnosis Code Day in the Sentinel Distributed Database from January 1, 2010 to October 31, 2023<sup>1</sup>

|  | Medical Procedure Infants Treated for Syphilis |                     |
|--|--|---------------------|
|  |  |                     |
|  |  | Percent/            |
| Health Characteristics                             | Number/Mean                                    | Standard Deviation⁴ |
| Prenatal Care in First Trimester                   | 2,511  | 85.3%               |
| Treated with standard syphilis antibiotics         | 1,025  | 34.8%               |
| Treated with non-standard syphilis antibiotics     | 226  | 7.7%                |
| Treated only with non-standard syphilis antibiotic | 142  | 4.8%                |
| Treated with standard syphilis antibiotics <=30    | 174  | 5.9%                |
| Treated with standard syphilis antibiotics >30     | 928  | 31.5%               |
| Preterm Birth                                      | 0  | 0.0%                |
| Treated only with standard syph antibiotics <=30   | 97   | 3.3%                |

<sup>&</sup>lt;sup>1</sup>Pregnancy is defined as a pregnancy that resulted in a live or non-live birth identified using the method specified in the overview section of this report. The pregnancy was required to have at least one diagnosis code for syphilis that did not occur on the same date as a procedure code for syphilis testing.

<sup>&</sup>lt;sup>2</sup>Characteristics in blue show a standardized difference greater than 0.1.

<sup>&</sup>lt;sup>3</sup>Baseline period in reference to user-defined index dates (start of first valid exposed pregnancy, exposure date, or pregnancy outcome date).

<sup>&</sup>lt;sup>4</sup>Value represents standard deviation where no % follows the value.

<sup>&</sup>lt;sup>5</sup>Race data may not be completely populated at all Data Partners; therefore, data about race may be incomplete.

<sup>&</sup>lt;sup>6</sup>The length of the pregnancy episode was estimated using a hierarchy of pregnancy markers. If overlapping pregnancy episodes were constructed in the same patient due to observation of multiple pregnancy markers, then the markers providing more reliable estimation of pregnancy start was selected for estimation of pregnancy start date. If no pregnancy markers were observed, then a fixed pregnancy duration was assigned by pregnancy outcome type, as described in the overview section of this report.

<sup>\*\*\*\*\*</sup>Data are not presented in these cells due to a small sample size or to ensure a small cell cannot be recalculated through the cells presented.

NaN = Not a number.



Table 1d. Aggregated Characteristics of Infant Syphilis Testing among Pregnancies with Two Syphilis Diagnosis Code Days in the Sentinel Distributed Database from January 1, 2010 to October 31, 2023<sup>1</sup>

|  | Medical Procedure |                                 |
|--|-------------------|---------------------------------|
|  | Infants Tes       | ted for Syphilis                |
|  |                   | Percent/                        |
| Mother Characteristics <sup>2,3</sup>                          | Number/Mean       | Standard Deviation <sup>4</sup> |
| Unique patients  | 1,667             | N/A                             |
|  |                   | Percent/                        |
| Infant Characteristics   | Number/Mean       | Standard Deviation <sup>4</sup> |
| Enrollment time after birth (days)                             | 729.3             | 590.2                           |
| Difference between date of birth and date of enrollment (days) | -2.3              | 2.6                             |
|  |                   | Percent/                        |
| Demographic Characteristics                                    | Number/Mean       | Standard Deviation <sup>4</sup> |
| Age (years)  | 27.6              | 5.6                             |
| Age  |                   |                                 |
| 10-19 years  | 162               | 9.6%                            |
| 20-29 years  | 976               | 58.0%                           |
| 30-39 years  | 493               | 29.3%                           |
| 40-54 years  | 51                | 3.0%                            |
| Sex  |                   |                                 |
| Female   | 1,667             | 100.0%                          |
| Race <sup>5</sup>  |                   |                                 |
| American Indian or Alaska Native                               | 47                | 2.8%                            |
| Asian  | 32                | 1.9%                            |
| Black or African American                                      | 528               | 31.7%                           |
| Multi-racial   | ****              | ****                            |
| Native Hawaiian or Other Pacific Islander                      | ****              | ****                            |
| Unknown  | 699               | 41.9%                           |
| White  | 341               | 20.5%                           |
| Hispanic origin  |                   |                                 |
|  |                   | Percent/                        |
| Demographic Characteristics                                    | Number/Mean       | Standard Deviation <sup>4</sup> |
| Yes  | 373               | 22.4%                           |
| No   | 940               | 56.4%                           |
| Unknown  | 354               | 21.2%                           |
| Year   |                   |                                 |
| 2010   | ****              | ****                            |



Table 1d. Aggregated Characteristics of Infant Syphilis Testing among Pregnancies with Two Syphilis Diagnosis Code Days in the Sentinel Distributed Database from January 1, 2010 to October 31, 2023<sup>1</sup>

|   | Medical Procedure |                                 |  |  |
|---|-------------------|---------------------------------|--|--|
|   | Infants Tes       | ted for Syphilis                |  |  |
| 2016  | 191               | 11.4%                           |  |  |
| 2017  | 241               | 14.3%                           |  |  |
| 2018  | 230               | 13.7%                           |  |  |
| 2019  | 333               | 19.8%                           |  |  |
| 2020  | 401               | 23.8%                           |  |  |
| 2021  | 89                | 5.3%                            |  |  |
| 2022  | 48                | 2.9%                            |  |  |
| 2023  | ****              | ****                            |  |  |
|   |                   | Percent/                        |  |  |
| Pregnancy Characteristics                                 | Number/Mean       | Standard Deviation <sup>4</sup> |  |  |
| reterm: less than 37 weeks                                | 199               | 11.8%                           |  |  |
| arly term: 37 0/7 weeks through 38 6/7 weeks              | 529               | 31.5%                           |  |  |
| full term: 39 0/7 weeks through 40 6/7 weeks              | 740               | 44.0%                           |  |  |
| ate term: 41 0/7 weeks through 41 6/7 weeks               | 201               | 12.0%                           |  |  |
|   |                   | Percent/                        |  |  |
| Pregnancy Characteristics                                 | Number/Mean       | Standard Deviation <sup>4</sup> |  |  |
| Postterm: 42 0/7 weeks and beyond                         | ****              | ****                            |  |  |
| Jnknown Term  | ****              | ****                            |  |  |
| Sestational age <sup>6</sup> at pregnancy outcome (weeks) | 39.3              | 2.2                             |  |  |
|   |                   | Percent/                        |  |  |
| Exposure Characteristics                                  | Number/Mean       | Standard Deviation <sup>4</sup> |  |  |
| Gestational age <sup>6</sup> of first exposure (weeks)    | 20.0              | 9.9                             |  |  |
| Mean number of dispensings in first trimester             | 1.0               | 1.6                             |  |  |
| Mean number of dispensings in second trimester            | 2.0               | 2.4                             |  |  |
| Mean number of dispensings in third trimester             | 2.9               | 3.3                             |  |  |
| exposed during first trimester                            | 659               | 39.2%                           |  |  |
| Exposed during second trimester                           | 1,054             | 62.7%                           |  |  |

1,308

77.8%

Exposed during third trimester



Table 1d. Aggregated Characteristics of Infant Syphilis Testing among Pregnancies with Two Syphilis Diagnosis Code Days in the Sentinel Distributed Database from January 1, 2010 to October 31, 2023<sup>1</sup>

|   | Medical Procedure |                                 |  |  |
|---|-------------------|---------------------------------|--|--|
|   | Infants Tes       | ted for Syphilis                |  |  |
|   |                   | Percent/                        |  |  |
| Health Characteristics  | Number/Mean       | Standard Deviation <sup>4</sup> |  |  |
| Prenatal Care in First Trimester  | 1,388             | 82.5%                           |  |  |
| Freated with standard syphilis antibiotics  | 860               | 51.1%                           |  |  |
| Freated with non-standard syphilis antibiotics  | 148               | 8.8%                            |  |  |
| Freated only with non-standard syphilis antibiotic  | 73                | 4.3%                            |  |  |
| Freated with standard syphilis antibiotics <=30   | 143               | 8.5%                            |  |  |
| Treated with standard syphilis antibiotics >30 Treated only with standard syph antibiotics <=30 | 784<br>76         | 46.6%<br>4.5%                   |  |  |

<sup>&</sup>lt;sup>1</sup>Pregnancy is defined as a pregnancy that resulted in a live or non-live birth identified using the method specified in the overview section of this report. The pregnancy was required to have at least two diagnosis codes for syphilis that did not occur on the same date as a procedure code for syphilis testing.

<sup>&</sup>lt;sup>2</sup>Characteristics in blue show a standardized difference greater than 0.1.

<sup>&</sup>lt;sup>3</sup>Baseline period in reference to user-defined index dates (start of first valid exposed pregnancy, exposure date, or pregnancy outcome date).

<sup>&</sup>lt;sup>4</sup>Value represents standard deviation where no % follows the value.

<sup>&</sup>lt;sup>5</sup>Race data may not be completely populated at all Data Partners; therefore, data about race may be incomplete.

<sup>&</sup>lt;sup>6</sup>The length of the pregnancy episode was estimated using a hierarchy of pregnancy markers. If overlapping pregnancy episodes were constructed in the same patient due to observation of multiple pregnancy markers, then the markers providing more reliable estimation of pregnancy start was selected for estimation of pregnancy start date. If no pregnancy markers were observed, then a fixed pregnancy duration was assigned by pregnancy outcome type, as described in the overview section of this report.

<sup>\*\*\*\*\*</sup>Data are not presented in these cells due to a small sample size or to ensure a small cell cannot be recalculated through the cells presented.

NaN = Not a number.



Table 1e. Aggregated Characteristics of Infant Syphilis Treatment among Pregnancies with Two Syphilis Diagnosis Code Days in the Sentinel Distributed Database from January 1, 2010 to October 31, 2023<sup>1</sup>

|  | Medical          | Procedure                                   |
|--|------------------|---|
|  | ted for Syphilis |   |
| Mother Characteristics <sup>2,3</sup>                          | Number/Mean      | Percent/<br>Standard Deviation <sup>4</sup> |
| Jnique patients  | 1,667            | N/A   |
|  |                  | Percent/                                    |
| nfant Characteristics  | Number/Mean      | Standard Deviation <sup>4</sup>             |
| inrollment time after birth (days)                             | 729.3            | 590.2                                       |
| Difference between date of birth and date of enrollment (days) | -2.3             | 2.6   |
| Demographic Characteristics                                    | Number/Mean      | Percent/<br>Standard Deviation <sup>4</sup> |
| Age (years)  | 27.6             | 5.6   |
| Age  |                  |   |
| 10-19 years  | 162              | 9.6%  |
| 20-29 years  | 976              | 58.0%                                       |
| 30-39 years  | 493              | 29.3%                                       |
| 40-54 years  | 51               | 3.0%  |
| sex .  |                  |   |
| Female   | 1,667            | 100.0%                                      |
| Race <sup>5</sup>  |                  |   |
| American Indian or Alaska Native                               | 47               | 2.8%  |
| Asian  | 32               | 1.9%  |
| Black or African American                                      | 528              | 31.7%                                       |
| Multi-racial   | ****             | ****  |
| Native Hawaiian or Other Pacific Islander                      | ****             | ****  |
| Unknown  | 699              | 41.9%                                       |
| White  | 341              | 20.5%                                       |
| lispanic origin  |                  |   |
| Yes  | 373              | 22.4%                                       |
| No   | 940              | 56.4%                                       |
| Unknown  | 354              | 21.2%                                       |
| 'ear   |                  |   |
| 2010   | 14               | 0.8%  |
| 2011   | ****             | ****  |
| 2012   | 15               | 0.9%  |
| 2013   | 30               | 1.8%  |
|  |                  |   |



Table 1e. Aggregated Characteristics of Infant Syphilis Treatment among Pregnancies with Two Syphilis Diagnosis Code Days in the Sentinel Distributed Database from January 1, 2010 to October 31, 2023<sup>1</sup>

|                             |             | Procedure ted for Syphilis               |
|-----------------------------|-------------|--|
| Demographic Characteristics | Number/Mean | Percent/ Standard Deviation <sup>4</sup> |
| 2015                        | 59          | 3.5%                                     |
| 2016                        | 191         | 11.4%                                    |
| 2017                        | 241         | 14.3%                                    |
| 2018                        | 230         | 13.7%                                    |
| 2019                        | 333         | 19.8%                                    |
| 2020                        | 401         | 23.8%                                    |
| 2021                        | 89          | 5.3%                                     |
| 2022                        | 48          | 2.9%                                     |
| 2023                        | ****        | ****                                     |

|   |             | Percent/                        |
|---|-------------|---------------------------------|
| Pregnancy Characteristics                                 | Number/Mean | Standard Deviation <sup>4</sup> |
| Preterm: less than 37 weeks                               | 199         | 11.8%                           |
| Early term: 37 0/7 weeks through 38 6/7 weeks             | 529         | 31.5%                           |
| Full term: 39 0/7 weeks through 40 6/7 weeks              | 740         | 44.0%                           |
| Late term: 41 0/7 weeks through 41 6/7 weeks              | 201         | 12.0%                           |
| Postterm: 42 0/7 weeks and beyond                         | ****        | ****                            |
| Unknown Term  | ****        | ****                            |
| Gestational age <sup>6</sup> at pregnancy outcome (weeks) | 39.3        | 2.2                             |

|  |             | Percent/                        |
|--|-------------|---------------------------------|
| Exposure Characteristics                               | Number/Mean | Standard Deviation <sup>4</sup> |
| Gestational age <sup>6</sup> of first exposure (weeks) | 20.0        | 9.9                             |
| Mean number of dispensings in first trimester          | 1.0         | 1.6                             |
| Mean number of dispensings in second trimester         | 2.0         | 2.4                             |
| Mean number of dispensings in third trimester          | 2.9         | 3.3                             |
| Exposed during first trimester                         | 659         | 39.2%                           |
| Exposed during second trimester                        | 1,054       | 62.7%                           |
| Exposed during third trimester                         | 1,308       | 77.8%                           |

|  |             | Percent/                        |
|--|-------------|---------------------------------|
| Health Characteristics                         | Number/Mean | Standard Deviation <sup>4</sup> |
| Prenatal Care in First Trimester               | 1,388       | 82.5%                           |
| Treated with standard syphilis antibiotics     | 860         | 51.1%                           |
| Treated with non-standard syphilis antibiotics | 148         | 8.8%                            |



Table 1e. Aggregated Characteristics of Infant Syphilis Treatment among Pregnancies with Two Syphilis Diagnosis Code Days in the Sentinel Distributed Database from January 1, 2010 to October 31, 2023<sup>1</sup>

|  | Medical Procedure            |                     |  |  |  |
|--|------------------------------|---------------------|--|--|--|
|  | Infants Treated for Syphilis |                     |  |  |  |
|  |                              | Percent/            |  |  |  |
| Health Characteristics                             | Number/Mean                  | Standard Deviation⁴ |  |  |  |
| Treated only with non-standard syphilis antibiotic | 73                           | 4.3%                |  |  |  |
| Treated with standard syphilis antibiotics <=30    | 143                          | 8.5%                |  |  |  |
| Treated with standard syphilis antibiotics >30     | 784                          | 46.6%               |  |  |  |
| Treated only with standard syph antibiotics <=30   | 76                           | 4.5%                |  |  |  |

<sup>&</sup>lt;sup>1</sup>Pregnancy is defined as a pregnancy that resulted in a live or non-live birth identified using the method specified in the overview section of this report. The pregnancy was required to have at least two diagnosis codes for syphilis that did not occur on the same date as a procedure code for syphilis testing.

<sup>&</sup>lt;sup>2</sup>Characteristics in blue show a standardized difference greater than 0.1.

<sup>&</sup>lt;sup>3</sup>Baseline period in reference to user-defined index dates (start of first valid exposed pregnancy, exposure date, or pregnancy outcome date).

<sup>&</sup>lt;sup>4</sup>Value represents standard deviation where no % follows the value.

<sup>&</sup>lt;sup>5</sup>Race data may not be completely populated at all Data Partners; therefore, data about race may be incomplete.

<sup>&</sup>lt;sup>6</sup>The length of the pregnancy episode was estimated using a hierarchy of pregnancy markers. If overlapping pregnancy episodes were constructed in the same patient due to observation of multiple pregnancy markers, then the markers providing more reliable estimation of pregnancy start was selected for estimation of pregnancy start date. If no pregnancy markers were observed, then a fixed pregnancy duration was assigned by pregnancy outcome type, as described in the overview section of this report.

<sup>\*\*\*\*\*</sup>Data are not presented in these cells due to a small sample size or to ensure a small cell cannot be recalculated through the cells presented.

NaN = Not a number.



Table 2. Pregnant Episodes with Exposure(s) of Interest in the Sentinel Distributed Database from January 1, 2010 to October 31, 2023<sup>1</sup>

|                                      |               | ce in the Pre-<br>ancy Period |                    | During Any<br>nester |                  | e in First<br>ester | Evidence in    | 2       | Evidence in T | hird Trimester <sup>3</sup> |
|--------------------------------------|---------------|-------------------------------|--------------------|----------------------|------------------|---------------------|----------------|---------|---------------|-----------------------------|
| Exposure(s) of Interest <sup>4</sup> | Number        | Percent                       | Number             | Percent              | Number           | Percent             | Number         | Percent | Number        | Percent                     |
| All Live births (4,995,666 epi       | sodes reach t | the 2nd trimeste              | er, 4,953,732 epis | odes reach the       | e 3rd trimester, | 4,995,666 to        | otal episodes) |         |               |                             |
| Maternal Syphilis Testing            | N/A           | N/A                           | 4,296,404          | 86.0%                | 3,443,094        | 68.9%               | 1,157,818      | 23.2%   | 1,426,209     | 28.8%                       |
| Maternal Syphilis Diagnosis          | N/A           | N/A                           | 13,995             | 0.3%                 | 4,479            | 0.1%                | 5,970          | 0.1%    | 8,859         | 0.2%                        |



Table 2. Pregnant Episodes with Exposure(s) of Interest in the Sentinel Distributed Database from January 1, 2010 to October 31, 2023<sup>1</sup>

|                                      | Evidence in A   | ll Trimesters   | Evidence Only Dur    | ing First Trimester   | Evidence Only D<br>Trimes |          |         | ly During Third<br>nester <sup>3</sup> |
|--------------------------------------|-----------------|-----------------|----------------------|-----------------------|---------------------------|----------|---------|--|
| Exposure(s) of Interest <sup>4</sup> | Number          | Percent         | Number               | Percent               | Number                    | Percent  | Number  | Percent                                |
| All Live births (4,995,666 episo     | des reach the 2 | nd trimester, 4 | ,953,732 episodes re | each the 3rd trimeste | er, 4,995,666 total e     | pisodes) |         |  |
| Maternal Syphilis Testing            | 86,275          | 1.7%            | 2,003,794            | 40.1%                 | 444,937                   | 8.9%     | 203,231 | 4.1%                                   |
| Maternal Syphilis Diagnosis          | 1,088           | 0.0%            | 2,235                | 0.0%                  | 2,344                     | 0.0%     | 5,191   | 0.1%                                   |

<sup>&</sup>lt;sup>1</sup>Pregnancy is defined as a pregnancy that resulted in a live or non-live birth identified using the method specified in the overview section of this report.

<sup>&</sup>lt;sup>2</sup>Assessing medical product use in the second trimester requires a pregnancy to continue to the second trimester (i.e. pregnancy was not terminated in the first trimester); the denominator is the total number of pregnancy episodes that progress to the second trimester.

<sup>&</sup>lt;sup>3</sup>Assessing medical product use in the third trimester requires a pregnancy to continue to the third trimester. The denominator is the total number of pregnancy episodes that progress to the third trimester.

<sup>&</sup>lt;sup>4</sup>Displayed percentages represent the number of pregnancy episodes with evidence of the exposure of interest as a proportion of all pregnancy episodes.



Table 3. Exposure(s) of Interest Episodes Among Pregnant Cohort in the Sentinel Distributed Database from January 1, 2010 to October 31, 2023<sup>1</sup>

| Exposure(s) of Interest          | Exposure Episodes in the<br>Pre-Pregnancy Period |                                |                            |                   |           |
|----------------------------------|--|--------------------------------|----------------------------|-------------------|-----------|
| All Live births (4,995,666 episo | odes reach the 2nd trimeste                      | r, 4,953,732 episodes reach tl | he 3rd trimester, 4,995,66 | 6 total episodes) |           |
| Maternal Syphilis Testing        | N/A  | 6,373,725                      | 3,534,897                  | 1,239,656         | 1,599,172 |
| Maternal Syphilis Diagnosis      | N/A  | 36,773                         | 7,188                      | 11,849            | 17,736    |



Table 3. Exposure(s) of Interest Episodes Among Pregnant Cohort in the Sentinel Distributed Database from January 1, 2010 to October 31, 2023<sup>1</sup>

|                                  | Exposure Episodes in All Exposure Episodes Only Exposure Episodes Only During Second |                               |  |           |
|----------------------------------|--|-------------------------------|--|-----------|
| Exposure(s) of Interest          | Trimesters   | During First Trimester        | Trimester                                  | Trimester |
| All Live births (4,995,666 epise | odes reach the 2nd trimester   | , 4,953,732 episodes reach th | e 3rd trimester, 4,995,666 total episodes) |           |
| Maternal Syphilis Testing        | 278,824  | 2,045,937                     | 499,843                                    | 230,764   |
| Maternal Syphilis Diagnosis      | 8,367  | 2,863                         | 3,388                                      | 8,158     |

<sup>&</sup>lt;sup>1</sup>Pregnancy is defined as a pregnancy that resulted in a live or non-live birth identified using the method specified in the overview section of this report.



Table 4. Exposure(s) of Interest Codes Among Pregnant Cohort in the Sentinel Distributed Database from January 1, 2010 to October 31, 2023<sup>1</sup>

| Exposure(s) of Interest All Live births (4,9) | Codes in the Pre-<br>Pregnancy Period | Any Trimester | Trimester | Codes in<br>Second<br>Trimester<br>episodes reach | Codes in Third Trimester the 3rd trimest | Codes in All<br>Trimesters<br>er, 4,995,666 tota | Codes Only During First Trimester  Lepisodes) | Codes Only<br>During Second<br>Trimester | Codes Only<br>During Third<br>Trimester |
|---|---------------------------------------|---------------|-----------|---|--|--|---|--|---|
| Maternal Syphil                               | is                                    |               |           |   |  |  |   |  |   |
| Testing                                       | N/A                                   | 6,583,262     | 3,651,993 | 1,281,201   | 1,650,068                                | 300,493  | 2,100,471                                     | 513,567                                  | 240,216                                 |
| Maternal Syphil                               | is                                    |               |           |   |  |  |   |  |   |
|   |                                       |               |           |   |  |  |   |  |   |

<sup>&</sup>lt;sup>1</sup>Pregnancy is defined as a pregnancy that resulted in a live or non-live birth identified using the method specified in the overview section of this report.

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Table 5. Pregnant Episodes with Exposure(s) of Interest in the Sentinel Distributed Database from January 1, 2010 to October 31, 2023, by Gestational Week<sup>1</sup>

|  |         |         |          | onal Week |         |         |         |         |                |         |
|--|---------|---------|----------|-----------|---------|---------|---------|---------|----------------|---------|
| - 12   |         | 1       |          | 2         |         | 3       |         | 1       |                | 5       |
| Exposure(s) of Interest <sup>2</sup> All Live births | Number  | Percent | Number   | Percent   | Number  | Percent | Number  | Percent | Number         | Percent |
|  |         |         |          |           |         |         |         |         |                |         |
| Maternal Syphilis Testing                            | 13,040  | 0.3%    | 11,705   | 0.2%      | 12,510  | 0.3%    | 20,747  | 0.4%    | 67,447         | 1.4%    |
| Maternal Syphilis Diagnosis                          | 121     | 0.0%    | 94       | 0.0%      | 95      | 0.0%    | 109     | 0.0%    | 153            | 0.0%    |
| Gestational Week                                     |         |         |          |           |         |         |         |         |                |         |
| - 2  |         | .0      |          | .1        | 1       |         | 1       |         | 1              |         |
| Exposure(s) of Interest <sup>2</sup>                 | Number  | Percent | Number   | Percent   | Number  | Percent | Number  | Percent | Number         | Percent |
| All Live births                                      |         |         |          |           |         |         |         |         |                |         |
| Maternal Syphilis Testing                            | 519,600 | 10.4%   | 470,360  | 9.4%      | 403,972 | 8.1%    | 343,080 | 6.9%    | 212,815        | 4.3%    |
| Maternal Syphilis Diagnosis                          | 791     | 0.0%    | 862      | 0.0%      | 982     | 0.0%    | 1,090   | 0.0%    | 978            | 0.0%    |
|  |         |         | Gestatio | onal Week |         |         |         |         |                |         |
|  |         | .9      | 20       |           | 21      |         | 22      |         | Number Persont |         |
| Exposure(s) of Interest <sup>2</sup>                 | Number  | Percent | Number   | Percent   | Number  | Percent | Number  | Percent | Number         | Percent |
| All Live births                                      |         |         |          |           |         |         |         |         |                |         |
| Maternal Syphilis Testing                            | 56,755  | 1.1%    | 48,045   | 1.0%      | 41,220  | 0.8%    | 33,293  | 0.7%    | 28,682         | 0.6%    |
| Maternal Syphilis Diagnosis                          | 834     | 0.0%    | 839      | 0.0%      | 879     | 0.0%    | 815     | 0.0%    | 704            | 0.0%    |
|  |         |         |          | onal Week |         |         |         |         |                |         |
| 2  |         | .8      |          | .9        |         | 0       |         | 1       |                | 2       |
| Exposure(s) of Interest <sup>2</sup>                 | Number  | Percent | Number   | Percent   | Number  | Percent | Number  | Percent | Number         | Percent |
| All Live births                                      |         |         |          |           |         |         |         |         |                |         |
| Maternal Syphilis Testing                            | 269,772 | 5.4%    | 377,607  | 7.6%      | 216,502 | 4.4%    | 102,438 | 2.1%    | 70,589         | 1.4%    |
| Maternal Syphilis Diagnosis                          | 931     | 0.0%    | 1,053    | 0.0%      | 1,014   | 0.0%    | 1,027   | 0.0%    | 980            | 0.0%    |
|  |         |         | Gestatio | onal Week |         |         |         |         |                |         |
|  | 3       | 37      | 3        | 8         | 3       | 9       | 4       | 0       | 4              | 1       |
| Exposure(s) of Interest <sup>2</sup>                 | Number  | Percent | Number   | Percent   | Number  | Percent | Number  | Percent | Number         | Percent |
| All Live births                                      |         |         |          |           |         |         |         |         |                |         |
| Maternal Syphilis Testing                            | 143,129 | 3.0%    | 98,836   | 2.2%      | 86,826  | 2.1%    | 128,703 | 4.1%    | 41,482         | 3.1%    |
|  |         |         |          |           |         |         |         |         |                |         |



Table 5. Pregnant Episodes with Exposure(s) of Interest in the Sentinel Distributed Database from January 1, 2010 to October 31, 2023, by Gestational Week<sup>1</sup>

| Table 5. Pregnant Episodes with E    | exposure(s) or inte | rest in the Senti | nei Distributeu L | Jatabase Iroili Ja | inuary 1, 2010 to | October 31, 20 | 23, by destation | ii week      |  |
|--------------------------------------|---------------------|-------------------|-------------------|--------------------|-------------------|----------------|------------------|--------------|--|
|                                      |                     |                   | Gestationa        | al Week            |                   |                |                  |              |  |
|                                      | 6                   | 5                 | ;                 | 7                  | 8                 | 3              | 9                |              |  |
| Exposure(s) of Interest <sup>2</sup> | Number              | Percent           | Number            | Percent            | Number            | Percent        | Number           | Percent      |  |
| All Live births                      |                     |                   |                   |                    |                   |                |                  |              |  |
| Maternal Syphilis Testing            | 161,564             | 3.2%              | 294,243           | 5.9%               | 431,528           | 8.6%           | 569,096          | 11.4%        |  |
| Maternal Syphilis Diagnosis          | 247                 | 0.0%              | 358               | 0.0%               | 468               | 0.0%           | 617              | 0.0%         |  |
|                                      |                     |                   | Gestationa        | al Week            |                   |                |                  |              |  |
|                                      | 1                   | 5                 | 1                 | 6                  | 1                 | 7              | 1                | 8            |  |
| Exposure(s) of Interest <sup>2</sup> | Number              | Percent           | Number            | Percent            | Number            | Percent        | Number           | Percent      |  |
| All Live births                      |                     |                   |                   |                    |                   |                |                  |              |  |
| Maternal Syphilis Testing            | 126,961             | 2.5%              | 96,729            | 1.9%               | 89,848            | 1.8%           | 76,566           | 1.5%         |  |
| Maternal Syphilis Diagnosis          | 953                 | 0.0%              | 883               | 0.0%               | 876               | 0.0%           | 825              | 0.0%         |  |
|                                      |                     |                   |                   |                    |                   |                |                  |              |  |
|                                      |                     |                   | Gestationa        |                    |                   |                |                  |              |  |
| Exposure(s) of Interest <sup>2</sup> | Number              | 4<br>Percent      | Number 2          | 5<br>Percent       | Number 2          | 6<br>Percent   | Number 2         | 7<br>Percent |  |
| All Live births                      |                     |                   |                   |                    |                   |                |                  |              |  |
| Maternal Syphilis Testing            | 32,111              | 0.6%              | 69,393            | 1.4%               | 103,556           | 2.1%           | 165,365          | 3.3%         |  |
| Maternal Syphilis Diagnosis          | 692                 | 0.0%              | 779               | 0.0%               | 727               | 0.0%           | 783              | 0.0%         |  |
|                                      |                     |                   |                   |                    |                   |                |                  |              |  |
|                                      |                     |                   | Gestationa        | al Week            |                   |                |                  |              |  |
|                                      | 3                   | 3                 | 3                 | 4                  | 3                 | 5              | 3                | 6            |  |
| Exposure(s) of Interest <sup>2</sup> | Number              | Percent           | Number            | Percent            | Number            | Percent        | Number           | Percent      |  |
| All Live births                      |                     |                   |                   |                    |                   |                |                  |              |  |
| Maternal Syphilis Testing            | 69,959              | 1.4%              | 60,036            | 1.2%               | 60,159            | 1.2%           | 93,544           | 1.9%         |  |



Table 5. Pregnant Episodes with Exposure(s) of Interest in the Sentinel Distributed Database from January 1, 2010 to October 31, 2023, by Gestational Week<sup>1</sup>

Maternal Symbilis Diagnosis 1, 143 0,0% 1,073 0,0% 1,217 0,0% 1,229 0,0%

| Maternal Syphilis Diagnosis          | 1,145  | 0.0%    | 1,075      | 0.0%    | 1,217  | 0.0%    | 1,239 | 0.0% |
|--------------------------------------|--------|---------|------------|---------|--------|---------|-------|------|
|                                      |        |         |            |         |        |         |       |      |
|                                      |        |         | Gestationa | al Week |        |         |       |      |
|                                      | 4      | 2       | 4          | 3       | 4      | 4       |       |      |
| Exposure(s) of Interest <sup>2</sup> | Number | Percent | Number     | Percent | Number | Percent |       |      |
| All Live births                      |        |         |            |         |        |         |       |      |
| Maternal Syphilis Testing            | 42,137 | 5.0%    | 2,535      | 6.6%    | 127    | 4.4%    |       |      |
| Maternal Syphilis Diagnosis          | 516    | 0.1%    | 22         | 0.1%    | ****   | ****    |       |      |

<sup>&</sup>lt;sup>1</sup>Pregnancy is defined as a pregnancy that resulted in a live or non-live birth identified using the method specified in the overview section of this report.

<sup>&</sup>lt;sup>2</sup>Displayed percentages represent the number of pregnancy episodes with evidence of the exposure of interest as a proportion of all pregnancy episodes in the given gestational week \*\*\*\*\*Data are not presented in these cells due to a small sample size or to ensure a small cell cannot be recalculated through the cells presented.



Table 6. Exposure(s) of Interest Episodes Among Pregnant Cohort in the Sentinel Distributed Database from January 1, 2010 to October 31, 2023, by Gestational Week<sup>1</sup>

|                             |        |        |        |             |         |         | •       |         |         |         |         |
|-----------------------------|--------|--------|--------|-------------|---------|---------|---------|---------|---------|---------|---------|
|                             |        |        | Ge     | stational W | /eek    |         |         |         |         |         |         |
| Exposure(s) of Interest     | 1      | 2      | 3      | 4           | 5       | 6       | 7       | 8       | 9       | 10      | 11      |
| All Live births             |        |        |        |             |         |         |         |         |         |         |         |
| Maternal Syphilis Testing   | 13,053 | 11,723 | 12,524 | 20,775      | 67,589  | 161,899 | 294,688 | 431,962 | 569,550 | 519,975 | 470,682 |
| Maternal Syphilis Diagnosis | 123    | 100    | 96     | 113         | 156     | 251     | 365     | 490     | 634     | 816     | 889     |
|                             |        |        | Ge     | stational W | /eek    |         |         |         |         |         |         |
| Exposure(s) of Interest     | 23     | 24     | 25     | 26          | 27      | 28      | 29      | 30      | 31      | 32      | 33      |
| All Live births             |        |        |        |             |         |         |         |         |         |         |         |
| Maternal Syphilis Testing   | 28,733 | 32,168 | 69,482 | 103,689     | 165,571 | 270,029 | 377,910 | 216,754 | 102,605 | 70,738  | 70,104  |
| Maternal Syphilis Diagnosis | 725    | 714    | 800    | 750         | 800     | 954     | 1,085   | 1,037   | 1,067   | 1,029   | 1,197   |



Table 6. Exposure(s) of Interest Episodes Among Pregnant Cohort in the Sentinel Distributed Database from January 1, 2010 to October 31, 2023, by Gestational Week<sup>1</sup>

|                             |         |         | (       | Gestational \ | Week   |        |         |        |        |        |        |
|-----------------------------|---------|---------|---------|---------------|--------|--------|---------|--------|--------|--------|--------|
| Exposure(s) of Interest     | 12      | 13      | 14      | 15            | 16     | 17     | 18      | 19     | 20     | 21     | 22     |
| All Live births             |         |         |         |               |        |        |         |        |        |        |        |
| Maternal Syphilis Testing   | 404,217 | 343,300 | 212,960 | 127,067       | 96,808 | 89,930 | 76,636  | 56,818 | 48,088 | 41,287 | 33,350 |
| Maternal Syphilis Diagnosis | 1,018   | 1,135   | 1,002   | 986           | 912    | 900    | 846     | 854    | 866    | 903    | 839    |
|                             |         |         | (       | Gestational \ | Week   |        |         |        |        |        |        |
| Exposure(s) of Interest     | 34      | 35      | 36      | 37            | 38     | 39     | 40      | 41     | 42     | 43     | 44     |
| All Live births             |         |         |         |               |        |        |         |        |        |        |        |
| Maternal Syphilis Testing   | 60,198  | 60,368  | 93,852  | 143,739       | 99,406 | 87,325 | 129,543 | 41,708 | 42,248 | 2,547  | 127    |
| Maternal Syphilis Diagnosis | 1,139   | 1,306   | 1,319   | 1,655         | 1,843  | 1,803  | 2,067   | 622    | 537    | 25     | ****   |

<sup>&</sup>lt;sup>1</sup>Pregnancy is defined as a pregnancy that resulted in a live or non-live birth identified using the method specified in the overview section of this report.

<sup>\*\*\*\*\*</sup>Data are not presented in these cells due to a small sample size or to ensure a small cell cannot be recalculated through the cells presented.



Table 7. Summary of Episode-Level<sup>1</sup> Cohort Attrition in the Sentinel Distributed Database from January 1, 2010 to October 31, 2023<sup>2</sup>

|   | Infant Testing, 1 Maternal Diagnosis  Code Days  Infants Tested for Syphilis |             | Diagnosis   | ent, 1 Maternal Code Days ed for Syphilis | Co          | 2 Maternal Diagnosis<br>de Days<br>sted for Syphilis |
|---|--|-------------|-------------|---|-------------|--|
|   | Remaining  | Excluded    | Remaining   | Excluded                                  | Remaining   | Excluded   |
| Members meeting enrollment and demographic requ   | irements   |             |             |   |             |  |
| Enrolled at any point during the query period   | 353,678,155  | N/A         | 353,678,155 | N/A                                       | 353,678,155 | N/A  |
| Had required coverage type (medical and/or drug coverage)                                     | 273,087,352  | 80,590,803  | 273,087,352 | 80,590,803                                | 273,087,352 | 80,590,803   |
| Enrolled during specified age range   | 222,840,791  | 50,246,561  | 222,840,791 | 50,246,561                                | 222,840,791 | 50,246,561   |
| Had requestable medical charts  | 222,840,791  | 0           | 222,840,791 | 0   | 222,840,791 | 0  |
| Met demographic requirements (sex, race, and Hispanic origin)                                 | 115,010,648  | 107,830,143 | 115,010,648 | 107,830,143                               | 115,010,648 | 107,830,143  |
| Members with a valid index event  |  |             |             |   |             |  |
| Had a pregnancy outcome claim during the query period   | 10,196,380   | 104,814,268 | 10,196,380  | 104,814,268                               | 10,196,380  | 104,814,268  |
| Pregnancy outcomes with a valid index date  |  |             |             |   |             |  |
| Total number of pregnancy outcomes during the query period                                    | 12,529,985   | N/A         | 12,529,985  | N/A                                       | 12,529,985  | N/A  |
| Pregnancy outcome must match specified Match Method values                                    | 8,609,159  | 3,920,826   | 8,609,159   | 3,920,826                                 | 8,609,159   | 3,920,826  |
| Pregnancy outcome must match specified birth type values (singleton births only, twins, etc.) | 7,763,254  | 845,905     | 7,763,254   | 845,905                                   | 7,763,254   | 845,905  |
| Pregnancy outcome within the age range condition assessed at pregnancy outcome date           | 7,763,254  | 0           | 7,763,254   | 0   | 7,763,254   | 0  |
| Pregnancy outcome during the query period sufficing user-specified incidence criteria         | 7,763,254  | 0           | 7,763,254   | 0   | 7,763,254   | 0  |
| Had sufficient continuous enrollment prior to pregnancy outcome                               | 5,172,018  | 2,591,236   | 5,172,018   | 2,591,236                                 | 5,172,018   | 2,591,236  |
| Met inclusion and exclusion criteria  | 5,172,018  | 0           | 5,172,018   | 0   | 5,172,018   | 0  |
| Pregnancy episodes with required post-index follow-   | ир   |             |             |   |             |  |
| Had sufficient continuous enrollment post pregnancy outcome                                   | 4,995,666  | 176,352     | 4,995,666   | 176,352                                   | 4,995,666   | 176,352  |



Table 7. Summary of Episode-Level Cohort Attrition in the Sentinel Distributed Database from January 1, 2010 to October 31, 2023 Control Contr

| Table 71 Summary of Episode Level Conort Attituon  | ·                           | batea Batabase 1101 | 11 January 1, 2010 C | 0 October 31, 2023           |           |                      |
|--|-----------------------------|---------------------|----------------------|------------------------------|-----------|----------------------|
|  | Infant Testing, 1 M<br>Code | _                   |                      | ent, 1 Maternal<br>Code Days | <u> </u>  | 2 Maternal Diagnosis |
|  | Infants Tester              |                     |                      | ted for Syphilis             |           | sted for Syphilis    |
|  | Remaining                   | Excluded            | Remaining            | Excluded                     | Remaining | Excluded             |
| Final cohort   |                             |                     |                      |                              |           |                      |
| Number of members  | 4,257,373                   | N/A                 | 4,257,373            | N/A                          | 4,257,373 | N/A                  |
| Number of pregnancy episodes   | 4,995,666                   | N/A                 | 4,995,666            | N/A                          | 4,995,666 | N/A                  |
| Number of non-pregnant matched comparator  |                             |                     |                      | _                            |           |                      |
| episodes   | 0                           | N/A                 | 0                    | N/A                          | 0         | N/A                  |
| Members meeting mother-infant linkage requirement<br>Pregnancy episodes met initial cohort eligibility<br>requirements | 4,995,666                   | N/A                 | 4,995,666            | N/A                          | 4,995,666 | N/A                  |
| Medical product of interest recorded during pregnancy episode  | 13,602                      | 4,982,064           | 13,602               | 4,982,064                    | 13,602    | 4,982,064            |
| Linked infant must meet requirement for maximum allowable days between birth date and enrollment start                 | 4,668                       | 8,934               | 4,668                | 8,934                        | 4,668     | 8,934                |
| Linked infant must meet requirement for maximum allowable days between birth date and delivery date                    | 4,638                       | 30                  | 4,638                | 30                           | 4,638     | 30                   |
| Linked infant met sex requirement  | 4,638                       | 0                   | 4,638                | 0                            | 4,638     | 0                    |
| Mother excluded due to prior initiation of other exposure group  | 4,638                       | 0                   | 4,638                | 0                            | 4,638     | 0                    |
| Pregnancy outcome recorded during query period and at specified age range evaluated at specified index date            | 4,568                       | 70                  | 4,568                | 70                           | 4,568     | 70                   |
| Mother had sufficient pre-index continuous enrollment  | 4,568                       | 0                   | 4,568                | 0                            | 4,568     | 0                    |
| Mother met inclusion and exclusioncriteria <sup>3</sup>  | 2,945                       | 1,623               | 2,945                | 1,623                        | 1,682     | 2,886                |
| No evidence of syphilis_dx   | N/A                         | 1,623               | N/A                  | 1,623                        | N/A       | 2,886                |
| Restricted to first valid pregnancy episode  | 2,945                       | 0                   | 2,945                | 0                            | 1,682     | 0                    |



Table 7. Summary of Episode-Level<sup>1</sup> Cohort Attrition in the Sentinel Distributed Database from January 1, 2010 to October 31, 2023<sup>2</sup>

|  | Infant Treatment | t, 2 Maternal Diagnosis Code<br>Days |                 |             |  |
|--|------------------|--------------------------------------|-----------------|-------------|--|
|  | Infants '        | Treated for Syphilis                 | All Live births |             |  |
|  | Remaining        | Excluded                             | Remaining       | Excluded    |  |
| Members meeting enrollment and demographic requirements            |                  |                                      |                 |             |  |
| Enrolled at any point during the query period                      | 353,678,155      | N/A                                  | 353,678,155     | N/A         |  |
| Had required coverage type (medical and/or drug coverage)          | 273,087,352      | 80,590,803                           | 273,087,352     | 80,590,803  |  |
| nrolled during specified age range                                 | 222,840,791      | 50,246,561                           | 222,840,791     | 50,246,561  |  |
| lad requestable medical charts                                     | 222,840,791      | 0                                    | 222,840,791     | 0           |  |
| Met demographic requirements (sex, race, and Hispanic origin)      | 115,010,648      | 107,830,143                          | 115,010,648     | 107,830,143 |  |
| Members with a valid index event                                   |                  |                                      |                 |             |  |
| lad a pregnancy outcome claim during the query period              | 10,196,380       | 104,814,268                          | 10,196,380      | 104,814,268 |  |
| regnancy outcomes with a valid index date                          |                  |                                      |                 |             |  |
| otal number of pregnancy outcomes during the query period          | 12,529,985       | N/A                                  | 12,529,985      | N/A         |  |
| regnancy outcome must match specified Match Method values          | 8,609,159        | 3,920,826                            | 8,609,159       | 3,920,826   |  |
| regnancy outcome must match specified birth type values (singleton | า                |                                      | 7 762 254       |             |  |
| irths only, twins, etc.)   | 7,763,254        | 845,905                              | 7,763,254       | 845,905     |  |
| regnancy outcome within the age range condition assessed at        |                  |                                      | 7 762 254       |             |  |
| regnancy outcome date  | 7,763,254        | 0                                    | 7,763,254       | 0           |  |
| regnancy outcome during the query period sufficing user-specified  |                  |                                      | 7 762 254       |             |  |
| ncidence criteria  | 7,763,254        | 0                                    | 7,763,254       | 0           |  |
| ad sufficient continuous enrollment prior to pregnancy outcome     | 5,172,018        | 2,591,236                            | 5,172,018       | 2,591,236   |  |
| Net inclusion and exclusion criteria                               | 5,172,018        | 0                                    | 5,172,018       | 0           |  |
| regnancy episodes with required post-index follow-up               |                  |                                      |                 |             |  |
| lad sufficient continuous enrollment post pregnancy outcome        | 4,995,666        | 176,352                              | 4,995,666       | 176,352     |  |
| Final cohort   |                  |                                      |                 |             |  |
| lumber of members  | 4,257,373        | N/A                                  | 4,257,373       | N/A         |  |
| umber of pregnancy episodes  | 4,995,666        | N/A                                  | 4,995,666       | N/A         |  |
| lumber of non-pregnant matched comparator episodes                 | 0                | N/A                                  | 0               | N/A         |  |



Table 7. Summary of Episode-Level<sup>1</sup> Cohort Attrition in the Sentinel Distributed Database from January 1, 2010 to October 31, 2023<sup>2</sup>

|   | Infant Treatment | ;, 2 Maternal Diagnosis Code<br>Days |           |          |
|---|------------------|--------------------------------------|-----------|----------|
|   | Infants '        | Treated for Syphilis                 | All Liv   | e births |
|   | Remaining        | Excluded                             | Remaining | Excluded |
| Members meeting mother-infant linkage requirements              |                  |                                      |           |          |
| Pregnancy episodes met initial cohort eligibility requirements  | 4,995,666        | N/A                                  | N/A       | N/A      |
| Medical product of interest recorded during pregnancy episode   | 13,602           | 4,982,064                            | N/A       | N/A      |
| Linked infant must meet requirement for maximum allowable days  |                  |                                      | N/A       |          |
| between birth date and enrollment start                         | 4,668            | 8,934                                | N/A       | N/A      |
| Linked infant must meet requirement for maximum allowable days  |                  |                                      | N/A       |          |
| between birth date and delivery date                            | 4,638            | 30                                   | N/A       | N/A      |
| Linked infant met sex requirement                               |                  |                                      |           |          |
| Mother excluded due to prior initiation of other exposure group | 4,638            | 0                                    | N/A       | N/A      |
| Pregnancy outcome recorded during query period and at specified | 1,000            | J                                    |           | 14/11    |
| age range evaluated at specified index date                     | 4,568            | 70                                   | N/A       | N/A      |
| Mother had sufficient pre-index continuous enrollment           | 4,568            | 0                                    | N/A       | N/A      |
| Mother met inclusion and exclusioncriteria <sup>3</sup>         | 1,682            | 2,886                                | ,<br>N/A  | N/A      |
| No evidence of syphilis_dx                                      | N/A              | 2,886                                | N/A       | N/A      |
| Restricted to first valid pregnancy episode                     | 1,682            | 0                                    | N/A       | N/A      |

<sup>&</sup>lt;sup>1</sup>Cohorts are formed by first evaluating enrollment and demographic requirements as well as index events among members, then evaluating index dates, pre-index history, and post-index follow-up among pregnancy episodes. Because of this, the number remaining often increases from the member- to episode-level steps.

<sup>&</sup>lt;sup>2</sup>Pregnancy is defined as a pregnancy that resulted in a live or non-live birth identified using the method specified in the overview section of this report.

<sup>&</sup>lt;sup>3</sup>Pregnancy episodes can meet multiple inclusion and/or exclusion criteria; therefore, the total number of pregnancy episodes excluded overall may not equal the sum of all pregnancy episodes in each criterion.



PLUS Table 1. Infants Born to Pregnant Women With a Testing Code for Syphilis and at Least One Diagnosis Code for Syphilis in Pregnancy (Not Occurring on the Same Day as a Testing Code), January 1, 2010 to October 31, 2023

| . "                       |        |             |            |             |               | Any Tosti | ing but No | Any Treatme | nt hut No |             |                 |
|---------------------------|--------|-------------|------------|-------------|---------------|-----------|------------|-------------|-----------|-------------|-----------------|
|                           |        | Any Testing | from Rirth | Δny Treatin | ng from Rirth | -         | •          | •           |           | Both Testin | g and Treatment |
|                           |        |             | ) days     | -           | 0 days        |           | days       | Day         |           |             | th to 30 days   |
|                           | Number |             | days       | 10 50       | o uu yo       | 30 (      | uuys       | Day         | <u> </u>  | 110111 511  | tii to oo aays  |
|                           | Total  | Number      | Percent    | Number      | Percent       | Number    | Percent    | Number      | Percent   | Number      | Percent         |
| All Infants               |        |             |            |             |               |           |            |             |           |             |                 |
|                           | 2,945  | 171         | 5.81%      | 15          | 0.51%         | 167       | 5.67%      | 11          | 0.37%     | ****        | ****            |
| Age Group                 |        |             |            |             |               |           |            |             |           |             |                 |
| 10-19                     | 252    | 19          | 7.54%      | ****        | 1.19%         | ****      | ****       | ****        | ****      | ****        | ****            |
| 20-29                     | 1,610  | 96          | 5.96%      | ****        | 0.56%         | 93        | 5.78%      | ****        | ****      | ****        | ****            |
| 30-39                     | 983    | 47          | 4.78%      | ****        | 0.20%         | 46        | 4.68%      | ****        | ****      | ****        | ****            |
| 40-54                     | 100    | ****        | ****       | ****        | 1.00%         | ****      | ****       | ****        | ****      | ****        | ****            |
| Year                      |        |             |            |             |               |           |            |             |           |             |                 |
| 2010                      | 47     | ****        | ****       | ****        | ****          | ****      | ****       | 0           | 0.00%     | 0           | 0.00%           |
| 2011                      | 34     | ****        | ****       | ****        | ****          | ****      | ****       | ****        | 2.94%     | 0           | 0.00%           |
| 2012                      | 45     | ****        | ****       | ****        | ****          | ****      | ****       | 0           | 0.00%     | 0           | 0.00%           |
| 2013                      | 65     | ****        | ****       | ****        | ****          | ****      | ****       | 0           | 0.00%     | 0           | 0.00%           |
| 2014                      | 70     | ****        | ****       | ****        | ****          | ****      | ****       | 0           | 0.00%     | 0           | 0.00%           |
| 2015                      | 109    | 11          | 10.09%     | ****        | ****          | ****      | ****       | 0           | 0.00%     | ****        | ****            |
| 2016                      | 311    | 12          | 3.86%      | ****        | ****          | 11        | 3.54%      | 0           | 0.00%     | ****        | ****            |
| 2017                      | 421    | 21          | 4.99%      | ****        | ****          | 21        | 4.99%      | ****        | ****      | 0           | 0.00%           |
| 2018                      | 399    | 21          | 5.26%      | ****        | ****          | 21        | 5.26%      | ****        | ****      | 0           | 0.00%           |
| 2019                      | 514    | 38          | 7.39%      | ****        | ****          | 37        | 7.20%      | ****        | ****      | ****        | ****            |
| 2020                      | 636    | 45          | 7.08%      | ****        | ****          | 44        | 6.92%      | ****        | ****      | ****        | ****            |
| 2021                      | 189    | ****        | ****       | ****        | ****          | ****      | ****       | ****        | ****      | 0           | 0.00%           |
| 2022                      | 105    | ****        | ****       | ****        | ****          | ****      | ****       | 0           | 0.00%     | 0           | 0.00%           |
| 2023                      | 0      | 0           | ·          | ****        | ****          | 0         | •          | 0           |           | 0           |                 |
| Race                      |        |             |            |             |               |           |            |             |           |             |                 |
| American Indian or Alaska |        |             |            |             |               |           |            |             |           |             |                 |
| Native                    | 64     | ****        | ****       | ****        | ****          | ****      | ****       | ****        | ****      | ****        | ****            |
| Asian                     | 63     | ****        | ****       | ****        | ****          | ****      | ****       | ****        | ****      | ****        | ****            |
| Black or African American | 819    | 59          | 7.20%      | ****        | 0.24%         | 59        | 7.20%      | ****        | 0.24%     | 0           | 0.00%           |
| Multi-racial              | 25     | ****        | ****       | 0           | 0.00%         | ****      | ****       | 0           | 0.00%     | 0           | 0.00%           |



PLUS Table 1. Infants Born to Pregnant Women With a Testing Code for Syphilis and at Least One Diagnosis Code for Syphilis in Pregnancy (Not Occurring on the Same Day as a Testing Code), January 1, 2010 to October 31, 2023

|                                  |        |             |              |             |              | Any Testi   | ng but No    | Any Treatme         | nt but No   |                    |                  |
|----------------------------------|--------|-------------|--------------|-------------|--------------|-------------|--------------|---------------------|-------------|--------------------|------------------|
|                                  |        | Any Testing | g from Birth | Any Treatin | g from Birth | Treatment f | rom Birth to | <b>Testing from</b> | Birth to 30 | <b>Both Testin</b> | ng and Treatment |
|                                  |        | to 30       | days         | to 30       | ) days       | 30 c        | days         | Day                 | s           | from Bi            | rth to 30 days   |
|                                  | Number |             |              |             |              |             |              |                     |             |                    |                  |
|                                  | Total  | Number      | Percent      | Number      | Percent      | Number      | Percent      | Number              | Percent     | Number             | Percent          |
| Native Hawaiian or Other         |        |             |              |             |              |             |              |                     |             |                    |                  |
| Pacific Islander                 | 10     | 0           | 0.00%        | ****        | ****         | 0           | 0.00%        | ****                | ****        | 0                  | 0.00%            |
| Unknown                          | 1,319  | 73          | 5.53%        | ****        | ****         | 72          | 5.46%        | ****                | ****        | ****               | ****             |
| White                            | 645    | 29          | 4.50%        | ****        | ****         | 27          | 4.19%        | 0                   | 0.00%       | ****               | ****             |
| Hispanic                         |        |             |              |             |              |             |              |                     |             |                    |                  |
| Yes                              | 563    | 25          | 4.44%        | ****        | ****         | 25          | 4.44%        | ****                | ****        | ****               | ****             |
| No                               | 1,564  | 86          | 5.50%        | ****        | ****         | 83          | 5.31%        | ****                | ****        | ****               | ****             |
| Unknown                          | 818    | 60          | 7.33%        | ****        | ****         | 59          | 7.21%        | ****                | ****        | ****               | ****             |
| Pregnancy Term                   |        |             |              |             |              |             |              |                     |             |                    |                  |
| Preterm: less than 37 weeks      | 357    | 28          | 7.84%        | ****        | ****         | 27          | 7.56%        | 0                   | 0.00%       | 1                  | 0.28%            |
| Early term: 37 0/7 weeks         |        |             |              |             |              |             |              |                     |             |                    |                  |
| through 38 6/7 weeks             | 965    | 50          | 5.18%        | ****        | ****         | 50          | 5.18%        | 5                   | 0.52%       | ****               | 0.00%            |
| Full term: 39 0/7 weeks          |        |             |              |             |              |             |              |                     |             |                    |                  |
| through 40 6/7 weeks             | 1,264  | 68          | 5.38%        | ****        | ****         | 65          | 5.14%        | ****                | ****        | ****               | 0.24%            |
| Late term: 41 0/7 weeks          |        |             |              |             |              |             |              |                     |             |                    |                  |
| through 41 6/7 weeks             | 336    | 23          | 6.85%        | ****        | ****         | 23          | 6.85%        | ****                | ****        | 0                  | 0.00%            |
| Postterm: 42 0/7 weeks and       |        |             |              |             |              |             |              |                     |             |                    |                  |
| beyond                           | 11     | 0           | 0.00%        | 0           | 0.00%        | 0           | 0.00%        | 0                   | 0.00%       | 0                  | 0.00%            |
| Unknown Term                     | 12     | ****        | ****         | 0           | 0.00%        | ****        | 16.67%       | 0                   | 0.00%       | 0                  | 0.00%            |
| <b>Maternal Treatment Status</b> |        |             |              |             |              |             |              |                     |             |                    |                  |
| Any benzathine penicillin G in   |        |             |              |             |              |             |              |                     |             |                    | •                |
| pregnancy                        | 1,025  | 73          | 7.12%        | 11          | 1.07%        | 69          | 6.73%        | ****                | ****        | ****               | ****             |
| Any alternative antibiotics in   |        |             |              |             |              |             |              |                     |             |                    |                  |
| pregnancy                        | 226    | ****        | 4.42%        | ****        | ****         | ****        | ****         | ****                | ****        | 0                  | 0.00%            |
| Treated only with non-           |        |             |              |             |              |             |              |                     |             |                    |                  |
| standard syphilis antibiotic     | 142    | ****        | ****         | ****        | ****         | ****        | ****         | ****                | ****        | 0                  | 0.00%            |
| Treated with standard            |        |             |              |             |              |             |              |                     |             |                    |                  |
| syphilis antibiotics <=30        | 174    | 12          | 6.90%        | 0           | 0.00%        | 12          | 6.90%        | 0                   | 0.00%       | 0                  | 0.00%            |
| • •                              |        |             |              |             |              |             |              |                     |             |                    |                  |



PLUS Table 1. Infants Born to Pregnant Women With a Testing Code for Syphilis and at Least One Diagnosis Code for Syphilis in Pregnancy (Not Occurring on the Same Day as a Testing Code), January 1, 2010 to October 31, 2023

|                                |        |             |              |             |              | Any Testi   | ng but No    | Any Treatme  | ent but No  |                       |                 |
|--------------------------------|--------|-------------|--------------|-------------|--------------|-------------|--------------|--------------|-------------|-----------------------|-----------------|
|                                |        | Any Testing | g from Birth | Any Treatin | g from Birth | Treatment f | rom Birth to | Testing from | Birth to 30 | Both Testing          | g and Treatment |
|                                |        | to 30       | to 30 days   |             | ) days       | 30 c        | days         | Days         |             | from Birth to 30 days |                 |
|                                | Number |             |              |             |              |             |              |              |             |                       |                 |
|                                | Total  | Number      | Percent      | Number      | Percent      | Number      | Percent      | Number       | Percent     | Number                | Percent         |
| Treated with standard          |        |             |              |             |              |             |              |              |             |                       |                 |
| syphilis antibiotics >30       | 928    | 68          | 7.33%        | 11          | 1.19%        | 64          | 6.90%        | ****         | ****        | ****                  | ****            |
| Any benzathine penicillin G ir | 1      |             |              |             |              |             |              |              |             |                       |                 |
| the 30 days prior to delivery  |        |             |              |             |              |             |              |              |             |                       |                 |
| only                           | 97     | ****        | 5.15%        | 0           | 0.00%        | ****        | ****         | 0            | 0.00%       | 0                     | 0.00%           |
| Other Covariates               |        |             |              |             |              |             |              |              |             |                       |                 |
| Prenatal Care in First         |        |             |              |             | _            |             |              |              |             |                       |                 |
| Trimester                      | 2,511  | 146         | 5.81%        | 12          | 0.48%        | 143         | 5.69%        | ****         | ****        | ****                  | ****            |

<sup>\*\*\*\*\*</sup>Data are not presented in these cells due to a small sample size or to ensure a small cell cannot be recalculated through the cells presented.

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Plus Table 2. Infants Born to Pregnant Women With a Testing Code for Syphilis and at Least Two Diagnosis Codes for Syphilis in Pregnancy (Not Occurring on the Same Day as a Testing Code), January 1, 2010 to October 31, 2023

|   |         |          |           |           |           | Any testin    | g but no    | Any treat       | ment but | Both te                 | sting and |
|---|---------|----------|-----------|-----------|-----------|---------------|-------------|-----------------|----------|-------------------------|-----------|
|   |         | Any tes  | ting from | Any treat | ment from | treatment fro | om birth to | no testing from |          | treatment from birth to |           |
|   |         | birth to | o 30 days | birth to  | 30 days   | 30 days       |             | birth to        | 30 days  | 30 days                 |           |
| Strata                                    | N Total | N        | %         | N         | %         | N             | %           | N               | %        | N                       | %         |
| All Infants                               |         |          |           |           |           |               |             |                 |          |                         |           |
|   | 1,682   | 124      | 7.37%     | 15        | 0.89%     | 120           | 7.13%       | 11              | 0.65%    | ****                    | ****      |
| Age Group                                 |         |          |           |           |           |               |             |                 |          |                         |           |
| 10-19                                     | 162     | 14       | 8.64%     | ****      | ****      | 14            | 8.64%       | ****            | ****     | 0                       | 0.00%     |
| 20-29                                     | 976     | 68       | 6.97%     | ****      | ****      | 65            | 6.66%       | ****            | ****     | ****                    | ****      |
| 30-39                                     | 493     | 35       | 7.10%     | ****      | ****      | 34            | 6.90%       | ****            | ****     | ****                    | ****      |
| 40-54                                     | 51      | ****     | ****      | ****      | ****      | ****          | ****        | ****            | ****     | 0                       | 0.00%     |
| Year                                      |         |          |           |           |           |               |             |                 |          |                         |           |
| 2010                                      | 14      | 0        | 0.00%     | 0         | 0.00%     | 0             | 0.00%       | 0               | 0.00%    | 0                       | 0.00%     |
| 2011                                      | 9       | ****     | ****      | ****      | ****      | ****          | ****        | ****            | ****     | 0                       | 0.00%     |
| 2012                                      | 15      | 0        | 0.00%     | 0         | 0.00%     | 0             | 0.00%       | 0               | 0.00%    | 0                       | 0.00%     |
| 2013                                      | 30      | ****     | ****      | 0         | 0.00%     | ****          | ****        | 0               | 0.00%    | 0                       | 0.00%     |
| 2014                                      | 22      | ****     | ****      | 0         | 0.00%     | ****          | ****        | 0               | 0.00%    | 0                       | 0.00%     |
| 2015                                      | 59      | ****     | ****      | ****      | ****      | ****          | ****        | 0               | 0.00%    | ****                    | ****      |
| 2016                                      | 191     | ****     | ****      | ****      | ****      | ****          | ****        | 0               | 0.00%    | ****                    | ****      |
| 2017                                      | 241     | 15       | 6.22%     | ****      | ****      | 15            | 6.22%       | ****            | ****     | 0                       | 0.00%     |
| 2018                                      | 230     | 17       | 7.39%     | ****      | ****      | 17            | 7.39%       | ****            | ****     | 0                       | 0.00%     |
| 2019                                      | 333     | 32       | 9.61%     | ****      | ****      | 31            | 9.31%       | ****            | ****     | ****                    | ****      |
| 2020                                      | 401     | 32       | 7.98%     | ****      | ****      | 31            | 7.73%       | ****            | ****     | ****                    | ****      |
| 2021                                      | 89      | ****     | ****      | ****      | ****      | ****          | ****        | ****            | ****     | 0                       | 0.00%     |
| 2022                                      | 48      | ****     | ****      | 0         | 0.00%     | ****          | ****        | 0               | 0.00%    | 0                       | 0.00%     |
| 2023                                      | 0       | 0        |           | 0         |           | 0             |             | 0               |          | 0                       |           |
| Race                                      |         |          |           |           |           |               |             |                 |          |                         |           |
| American Indian or Alaska Native          | 47      | ****     | ****      | ****      | ****      | ****          | ****        | ****            | ****     | 0                       | 0.00%     |
| Asian                                     | 33      | ****     | ****      | ****      | ****      | ****          | ****        | 0               | 0.00%    | ****                    | ****      |
| Black or African American                 | 534     | 39       | 7.30%     | ****      | ****      | 39            | 7.30%       | ****            | ****     | 0                       | 0.00%     |
| Multi-racial                              | 13      | ****     | ****      | 0         | 0.00%     | ****          | ****        | 0               | 0.00%    | 0                       | 0.00%     |
| Native Hawaiian or Other Pacific Islander | ****    | 0        | 0.00%     | ****      | ****      | 0             | 0.00%       | ****            | ****     | 0                       | 0.00%     |
| Unknown                                   | 703     | 57       | 8.11%     | ****      | ****      | 56            | 7.97%       | ****            | ****     | ****                    | ****      |



Plus Table 2. Infants Born to Pregnant Women With a Testing Code for Syphilis and at Least Two Diagnosis Codes for Syphilis in Pregnancy (Not Occurring on the Same Day as a Testing Code), January 1, 2010 to October 31, 2023

|  |         | -    | eting from | Any treatment from birth to 30 days |       | Any testin<br>treatment fro<br>30 da | om birth to<br>ays | Any treatment but<br>no testing from<br>birth to 30 days |        | Both testing and treatment from birth 30 days |        |
|--|---------|------|------------|-------------------------------------|-------|--------------------------------------|--------------------|--|--------|---|--------|
| Strata                                   | N Total | N    | %          | N                                   | %     | N                                    | %                  | N  | %      | N   | %      |
| Race                                     | 2.45    | 22   | 6.000/     | ****                                | ****  |                                      | 5.000/             |  | 0.000/ | ****  | ****   |
| White                                    | 345     | 22   | 6.38%      | ****                                | ****  | 20                                   | 5.80%              | 0  | 0.00%  | ****  | ****   |
| Hispanic                                 |         |      |            | ****                                | ****  |                                      | ·                  | ****   | ****   |   | 2.222/ |
| Yes                                      | 375     | 20   | 5.33%      |                                     |       | 20                                   | 5.33%              |  |        | 0   | 0.00%  |
| No                                       | 951     | 56   | 5.89%      | ****                                | ****  | 53                                   | 5.57%              | ****   | ****   | ****  | ****   |
| Unknown                                  | 356     | 48   | 13.48%     | ****                                | ****  | 47                                   | 13.20%             | ****   | ****   | ****  | ****   |
| Pregnancy Term                           |         |      |            |                                     |       |                                      |                    |  |        |   |        |
| Preterm: less than 37 weeks              | 199     | 18   | 9.05%      | ****                                | ****  | 17                                   | 8.54%              | 0  | 0.00%  | ****  | ****   |
| Early term: 37 0/7 weeks through 38 6/7  |         |      |            |                                     |       |                                      |                    |  |        |   |        |
| weeks                                    | 529     | 37   | 6.99%      | ****                                | ****  | 37                                   | 6.99%              | ****   | ****   | 0   | 0.00%  |
| Full term: 39 0/7 weeks through 40 6/7   |         |      |            |                                     |       |                                      |                    |  |        |   |        |
| weeks                                    | 740     | 51   | 6.89%      | ****                                | ****  | 48                                   | 6.49%              | ****   | ****   | ****  | ****   |
| Late term: 41 0/7 weeks through 41 6/7   |         |      |            |                                     |       |                                      |                    |  |        |   |        |
| weeks                                    | 201     | 17   | 8.46%      | ****                                | ****  | 17                                   | 8.46%              | ****   | ****   | 0   | 0.00%  |
| Postterm: 42 0/7 weeks and beyond        | ****    | 0    | 0.00%      | 0                                   | 0.00% | 0                                    | 0.00%              | 0  | 0.00%  | 0   | 0.00%  |
| Unknown Term                             | ****    | **** | ****       | 0                                   | 0.00% | ****                                 | ****               | 0  | 0.00%  | 0   | 0.00%  |
| N/A                                      | 0       | 0    |            | 0                                   | •     | 0                                    |                    | 0  | •      | 0   |        |
| Maternal Treatment Status                |         |      |            |                                     |       |                                      |                    |  |        |   |        |
| Any benzathine penicillin G in pregnancy | 860     | 61   | 7.09%      | 11                                  | 1.28% | 57                                   | 6.63%              | ****   | ****   | ****  | ****   |
| Any alternative antibiotics in pregnancy | 148     | **** | ****       | ****                                | ****  | ****                                 | ****               | ****   | ****   | 0   | 0.00%  |
| Treated only with non-standard syphilis  |         |      |            |                                     |       |                                      |                    |  |        |   |        |
| antibiotic                               | 73      | **** | ****       | ****                                | ****  | ****                                 | ****               | ****   | ****   | 0   | 0.00%  |
| Treated with standard syphilis           |         |      |            |                                     |       |                                      |                    |  |        |   |        |
| antibiotics <=30                         | 143     | 10   | 6.99%      | 0                                   | 0.00% | ****                                 | ****               | 0  | 0.00%  | 0   | 0.00%  |
| Treated with standard syphilis           |         |      |            |                                     |       |                                      |                    |  |        |   |        |
| antibiotics >30                          | 784     | 58   | 7.40%      | 11                                  | 1.40% | 54                                   | 6.89%              | ****   | ****   | ****  | ****   |



Plus Table 2. Infants Born to Pregnant Women With a Testing Code for Syphilis and at Least Two Diagnosis Codes for Syphilis in Pregnancy (Not Occurring on the Same Day as a Testing Code), January 1, 2010 to October 31, 2023

|                                       |         | •    | eting from | •  |       | Any testing but no treatment from birth to 30 days |       | Any treatment but<br>no testing from<br>birth to 30 days |       | Both testing and treatment from birth to 30 days |       |
|---------------------------------------|---------|------|------------|----|-------|--|-------|--|-------|--|-------|
| Strata                                | N Total | N    | %          | N  | %     | N  | %     | N  | %     | N  | %     |
| Maternal Treatment Status             |         |      |            |    |       |  |       |  |       |  |       |
| Any benzathine penicillin G in the 30 |         |      |            |    |       |  |       |  |       |  |       |
| days prior to delivery only           | 76      | **** | ****       | 0  | 0.00% | ****   | ****  | 0  | 0.00% | 0  | 0.00% |
| Other Covariates                      |         |      |            |    |       |  |       |  |       |  |       |
| Prenatal Care in First Trimester      | 1,388   | 105  | 7.56%      | 12 | 0.86% | 102  | 7.35% | ****   | ****  | ****   | ****  |

<sup>\*\*\*\*\*</sup>Data are not presented in these cells due to a small sample size or to ensure a small cell cannot be recalculated through the cells presented.



Appendix A. Dates of Available Data for Each Data Partner (DP) as of Request Distribution Date (August 1, 2024)

| Masked DP ID | DP Start Date | DP End Date <sup>1</sup> |
|--------------|---------------|--------------------------|
| DP01         | 01/01/2014    | 12/31/2021               |
| DP02         | 01/01/2006    | 10/31/2023               |
| DP03         | 01/01/2008    | 09/30/2023               |
| DP04         | 01/01/2008    | 08/31/2023               |

<sup>&</sup>lt;sup>1</sup>End Date represents the earliest of: (1) query end date, or (2) last day of the most recent month for which all of a Data Partner's data tables (enrollment, dispensing, etc.) have at least 80% of the record count relative to the prior month.



| System (1 | icres) osed in the destational Age Algor                          |          | ICD  |            |            |           |                |
|-----------|---|----------|------|------------|------------|-----------|----------------|
|           |   | Code     | Code |            |            | Pregnancy |                |
| Code      | Description   | Category | Туре | Priority 1 | Priority 2 | Duration  | durationanchor |
| Z3A49     | Greater than 42 weeks gestation of                                | DX       | 10   | 1          | 1          | 301       | MARKER         |
|           | pregnancy   |          |      |            |            |           |                |
| Z3A42     | 42 weeks gestation of pregnancy                                   | DX       | 10   | 1          | 2          | 298       | MARKER         |
| 0481      | Prolonged pregnancy   | DX       | 10   | 1          | 3          | 294       | MARKER         |
| P0822     | Prolonged gestation of newborn                                    | DX       | 10   | 1          | 3          | 294       | MARKER         |
| Z3A41     | 41 weeks gestation of pregnancy                                   | DX       | 10   | 1          | 4          | 291       | MARKER         |
| O480      | Post-term pregnancy   | DX       | 10   | 1          | 5          | 287       | MARKER         |
| P0821     | Post-term newborn   | DX       | 10   | 1          | 5          | 287       | MARKER         |
| Z3A40     | 40 weeks gestation of pregnancy                                   | DX       | 10   | 1          | 6          | 284       | MARKER         |
| Z3A39     | 39 weeks gestation of pregnancy                                   | DX       | 10   | 1          | 7          | 277       | MARKER         |
| Z3A38     | 38 weeks gestation of pregnancy                                   | DX       | 10   | 1          | 8          | 270       | MARKER         |
| Z3A37     | 37 weeks gestation of pregnancy                                   | DX       | 10   | 1          | 9          | 263       | MARKER         |
| P0739     | Preterm newborn, gestational age 36 completed weeks               | DX       | 10   | 1          | 10         | 256       | MARKER         |
| Z3A36     | 36 weeks gestation of pregnancy                                   | DX       | 10   | 1          | 10         | 256       | MARKER         |
| P0738     | Preterm newborn, gestational age 35 completed weeks               | DX       | 10   | 1          | 11         | 249       | MARKER         |
| Z3A35     | 35 weeks gestation of pregnancy                                   | DX       | 10   | 1          | 11         | 249       | MARKER         |
| P0737     | Preterm newborn, gestational age 34 completed weeks               | DX       | 10   | 1          | 12         | 242       | MARKER         |
| Z3A34     | 34 weeks gestation of pregnancy                                   | DX       | 10   | 1          | 12         | 242       | MARKER         |
| P0736     | Preterm newborn, gestational age 33 completed weeks               | DX       | 10   | 1          | 13         | 235       | MARKER         |
| Z3A33     | 33 weeks gestation of pregnancy                                   | DX       | 10   | 1          | 13         | 235       | MARKER         |
| P0735     | Preterm newborn, gestational age 32 completed weeks               | DX       | 10   | 1          | 14         | 228       | MARKER         |
| Z3A32     | 32 weeks gestation of pregnancy                                   | DX       | 10   | 1          | 14         | 228       | MARKER         |
| P0734     | Preterm newborn, gestational age 31 completed weeks               | DX       | 10   | 1          | 15         | 221       | MARKER         |
| Z3A31     | 31 weeks gestation of pregnancy                                   | DX       | 10   | 1          | 15         | 221       | MARKER         |
| P0733     | Preterm newborn, gestational age 30 completed weeks               | DX       | 10   | 1          | 16         | 214       | MARKER         |
| Z3A30     | 30 weeks gestation of pregnancy                                   | DX       | 10   | 1          | 16         | 214       | MARKER         |
| P0732     | Preterm newborn, gestational age 29 completed weeks               | DX       | 10   | 1          | 17         | 207       | MARKER         |
| Z3A29     | 29 weeks gestation of pregnancy                                   | DX       | 10   | 1          | 17         | 207       | MARKER         |
| P0731     | Preterm newborn, gestational age 28 completed weeks               | DX       | 10   | 1          | 18         | 200       | MARKER         |
| Z3A28     | 28 weeks gestation of pregnancy                                   | DX       | 10   | 1          | 18         | 200       | MARKER         |
| P0726     | Extreme immaturity of newborn, gestational age 27 completed weeks | DX       | 10   | 1          | 19         | 193       | MARKER         |
| Z3A27     | 27 weeks gestation of pregnancy                                   | DX       | 10   | 1          | 19         | 193       | MARKER         |
| P0725     | Extreme immaturity of newborn, gestational age 26 completed weeks | DX       | 10   | 1          | 20         | 186       | MARKER         |
| Z3A26     | 26 weeks gestation of pregnancy                                   | DX       | 10   | 1          | 20         | 186       | MARKER         |

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| Jystein (I | icecs) Osed in the destational Age Algori |          | ICD  |            |            |           |                |
|------------|---|----------|------|------------|------------|-----------|----------------|
|            |   | Code     | Code |            |            | Pregnancy |                |
| Code       | Description                               | Category | Type | Priority 1 | Priority 2 | Duration  | durationanchor |
| P0724      | Extreme immaturity of newborn,            | DX       | 10   | 1          | 21         | 179       | MARKER         |
|            | gestational age 25 completed weeks        |          |      |            |            |           |                |
| Z3A25      | 25 weeks gestation of pregnancy           | DX       | 10   | 1          | 21         | 179       | MARKER         |
| P0723      | Extreme immaturity of newborn,            | DX       | 10   | 1          | 22         | 172       | MARKER         |
|            | gestational age 24 completed weeks        |          |      |            |            |           |                |
| Z3A24      | 24 weeks gestation of pregnancy           | DX       | 10   | 1          | 22         | 172       | MARKER         |
| P0722      | Extreme immaturity of newborn,            | DX       | 10   | 1          | 23         | 165       | MARKER         |
|            | gestational age 23 completed weeks        |          |      |            |            |           |                |
| Z3A23      | 23 weeks gestation of pregnancy           | DX       | 10   | 1          | 23         | 165       | MARKER         |
| P0721      | Extreme immaturity of newborn,            | DX       | 10   | 1          | 24         | 158       | MARKER         |
|            | gestational age less than 23 completed    |          |      |            |            |           |                |
|            | weeks                                     |          |      |            |            |           |                |
| Z3A22      | 22 weeks gestation of pregnancy           | DX       | 10   | 1          | 24         | 158       | MARKER         |
| Z3A21      | 21 weeks gestation of pregnancy           | DX       | 10   | 1          | 25         | 151       | MARKER         |
| Z3A20      | 20 weeks gestation of pregnancy           | DX       | 10   | 1          | 26         | 144       | MARKER         |
| Z3A19      | 19 weeks gestation of pregnancy           | DX       | 10   | 1          | 27         | 137       | MARKER         |
| Z3A18      | 18 weeks gestation of pregnancy           | DX       | 10   | 1          | 28         | 130       | MARKER         |
| Z3A17      | 17 weeks gestation of pregnancy           | DX       | 10   | 1          | 29         | 123       | MARKER         |
| Z3A16      | 16 weeks gestation of pregnancy           | DX       | 10   | 1          | 30         | 116       | MARKER         |
| Z3A15      | 15 weeks gestation of pregnancy           | DX       | 10   | 1          | 31         | 109       | MARKER         |
| Z3A14      | 14 weeks gestation of pregnancy           | DX       | 10   | 1          | 32         | 102       | MARKER         |
| Z3A13      | 13 weeks gestation of pregnancy           | DX       | 10   | 1          | 33         | 95        | MARKER         |
| Z3A12      | 12 weeks gestation of pregnancy           | DX       | 10   | 1          | 34         | 88        | MARKER         |
| Z3A11      | 11 weeks gestation of pregnancy           | DX       | 10   | 1          | 35         | 81        | MARKER         |
| Z3A10      | 10 weeks gestation of pregnancy           | DX       | 10   | 1          | 36         | 74        | MARKER         |
| Z3A09      | 9 weeks gestation of pregnancy            | DX       | 10   | 1          | 37         | 67        | MARKER         |
| Z3A08      | 8 weeks gestation of pregnancy            | DX       | 10   | 1          | 38         | 60<br>53  | MARKER         |
| Z3A01      | Less than 8 weeks gestation of pregnancy  | DX       | 10   | 1          | 39         | 53        | MARKER         |
| P0720      | Extreme immaturity of newborn,            | DX       | 10   | 1          | 40         | 196       | MARKER         |
| 10720      | unspecified weeks of gestation            | DΛ       | 10   | -          | .0         | 130       | 1717 (111211   |
| O6013X0    |   | DX       | 10   | 1          | 41         | 245       | MARKER         |
|            | preterm delivery third trimester, not     |          |      |            |            |           |                |
|            | applicable or unspecified                 |          |      |            |            |           |                |
| O6013X1    | •   | DX       | 10   | 1          | 41         | 245       | MARKER         |
|            | preterm delivery third trimester, fetus 1 |          |      |            |            |           |                |
|            |   |          |      |            |            |           |                |
| O6013X2    | Preterm labor second trimester with       | DX       | 10   | 1          | 41         | 245       | MARKER         |
|            | preterm delivery third trimester, fetus 2 |          |      |            |            |           |                |
|            |   |          |      |            |            |           |                |
| O6013X3    | Preterm labor second trimester with       | DX       | 10   | 1          | 41         | 245       | MARKER         |
|            | preterm delivery third trimester, fetus 3 |          |      |            |            |           |                |

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| System (II | Cres, osed in the destational Age Algorit  | ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, | ICD  |            |            |           |                |
|------------|--|---|------|------------|------------|-----------|----------------|
|            |  | Code                                    | Code |            |            | Pregnancy |                |
| Code       | Description  | Category                                | Туре | Priority 1 | Priority 2 | Duration  | durationanchor |
| O6013X4    | Preterm labor second trimester with preterm delivery third trimester, fetus 4                        | DX                                      | 10   | 1          | 41         | 245       | MARKER         |
| O6013X5    | Preterm labor second trimester with preterm delivery third trimester, fetus 5                        | DX                                      | 10   | 1          | 41         | 245       | MARKER         |
| O6013X9    | Preterm labor second trimester with preterm delivery third trimester, other fetus                    | DX                                      | 10   | 1          | 41         | 245       | MARKER         |
| O6014X0    | Preterm labor third trimester with preterm delivery third trimester, not applicable or unspecified   | DX                                      | 10   | 1          | 41         | 245       | MARKER         |
| O6014X1    | Preterm labor third trimester with preterm delivery third trimester, fetus 1                         | DX                                      | 10   | 1          | 41         | 245       | MARKER         |
| O6014X2    | Preterm labor third trimester with preterm delivery third trimester, fetus 2                         | DX                                      | 10   | 1          | 41         | 245       | MARKER         |
| O6014X3    | Preterm labor third trimester with preterm delivery third trimester, fetus 3                         | DX                                      | 10   | 1          | 41         | 245       | MARKER         |
| O6014X4    | Preterm labor third trimester with preterm delivery third trimester, fetus 4                         | DX                                      | 10   | 1          | 41         | 245       | MARKER         |
| O6014X5    | Preterm labor third trimester with preterm delivery third trimester, fetus 5                         | DX                                      | 10   | 1          | 41         | 245       | MARKER         |
| O6014X9    | Preterm labor third trimester with preterm delivery third trimester, other fetus                     | DX                                      | 10   | 1          | 41         | 245       | MARKER         |
| P0730      | Preterm newborn, unspecified weeks of gestation  | DX                                      | 10   | 1          | 41         | 245       | MARKER         |
| O6012X0    | Preterm labor second trimester with preterm delivery second trimester, not applicable or unspecified | DX                                      | 10   | 1          | 42         | 168       | MARKER         |
| O6012X1    | •  | DX                                      | 10   | 1          | 42         | 168       | MARKER         |
| O6012X2    |  | DX                                      | 10   | 1          | 42         | 168       | MARKER         |
| O6012X3    | Preterm labor second trimester with preterm delivery second trimester, fetus 3                       | DX                                      | 10   | 1          | 42         | 168       | MARKER         |



| System (i | icres) osed in the destational Age Algori |          | ICD  |            |            |           |                |
|-----------|---|----------|------|------------|------------|-----------|----------------|
|           |   | Code     | Code |            |            | Pregnancy |                |
| Code      | Description                               | Category | Туре | Priority 1 | Priority 2 | Duration  | durationanchor |
| O6012X4   | Preterm labor second trimester with       | DX       | 10   | 1          | 42         | 168       | MARKER         |
|           | preterm delivery second trimester,        |          |      |            |            |           |                |
|           | fetus 4                                   |          |      |            |            |           |                |
| O6012X5   | Preterm labor second trimester with       | DX       | 10   | 1          | 42         | 168       | MARKER         |
|           | preterm delivery second trimester,        |          |      |            |            |           |                |
|           | fetus 5                                   |          |      |            |            |           |                |
| O6012X9   | Preterm labor second trimester with       | DX       | 10   | 1          | 42         | 168       | MARKER         |
|           | preterm delivery second trimester,        |          |      |            |            |           |                |
|           | other fetus                               |          |      |            |            |           |                |
| 64520     | Prolonged pregnancy                       | DX       | 09   | 1          | 43         | 294       | MARKER         |
| 64521     | Prolonged pregnancy                       | DX       | 09   | 1          | 43         | 294       | MARKER         |
| 64523     | Prolonged pregnancy                       | DX       | 09   | 1          | 43         | 294       | MARKER         |
| 76622     | Prolonged gestation of infant             | DX       | 09   | 1          | 43         | 294       | MARKER         |
| 64510     | Post term pregnancy                       | DX       | 09   | 1          | 44         | 287       | MARKER         |
| 64511     | Post term pregnancy                       | DX       | 09   | 1          | 44         | 287       | MARKER         |
| 64513     | Post term pregnancy                       | DX       | 09   | 1          | 44         | 287       | MARKER         |
| 76621     | Post-term infant                          | DX       | 09   | 1          | 44         | 287       | MARKER         |
| 76529     | 37+ completed weeks of gestation          | DX       | 09   | 1          | 45         | 259       | MARKER         |
| 76528     | 35-36 completed weeks of gestation        | DX       | 09   | 1          | 46         | 252       | MARKER         |
| 76527     | 33-34 completed weeks of gestation        | DX       | 09   | 1          | 47         | 238       | MARKER         |
| 76526     | 31-32 completed weeks of gestation        | DX       | 09   | 1          | 48         | 224       | MARKER         |
| 76525     | 29-30 completed weeks of gestation        | DX       | 09   | 1          | 49         | 210       | MARKER         |
| 76524     | 27-28 completed weeks of gestation        | DX       | 09   | 1          | 50         | 196       | MARKER         |
| 76523     | 25-26 completed weeks of gestation        | DX       | 09   | 1          | 51         | 182       | MARKER         |
| 76522     | 24 completed weeks of gestation           | DX       | 09   | 1          | 52         | 168       | MARKER         |
| 76521     | Less than 24 completed weeks of           | DX       | 09   | 1          | 53         | 165       | MARKER         |
|           | gestation                                 |          |      |            |            |           |                |
| 76509     | Extreme immaturity, 2,500 grams and       | DX       | 09   | 1          | 54         | 245       | MARKER         |
|           | over                                      |          |      |            |            |           |                |
| 76508     | Extreme immaturity, 2,000-2,499 grams     | DX       | 09   | 1          | 55         | 238       | MARKER         |
|           |   |          |      |            |            |           |                |
| 76507     | Extreme immaturity, 1,750-1,999 grams     | DX       | 09   | 1          | 56         | 224       | MARKER         |
|           |   |          |      |            |            |           |                |
| 76506     | Extreme immaturity, 1,500-1,749 grams     | DX       | 09   | 1          | 57         | 217       | MARKER         |
|           |   |          |      |            |            |           |                |
| 76505     | Extreme immaturity, 1,250-1,499 grams     | DX       | 09   | 1          | 58         | 210       | MARKER         |
|           |   |          |      |            |            |           |                |
| 76504     | Extreme immaturity, 1,000-1,249 grams     | DX       | 09   | 1          | 59         | 203       | MARKER         |
|           |   |          |      |            |            |           |                |
| 76500     | Extreme immaturity, unspecified           | DX       | 09   | 1          | 60         | 196       | MARKER         |
|           | [weight]                                  |          |      |            |            |           |                |
| 76503     | Extreme immaturity, 750-999 grams         | DX       | 09   | 1          | 61         | 189       | MARKER         |
| 76502     | Extreme immaturity, 500-749 grams         | DX       | 09   | 1          | 62         | 175       | MARKER         |
| 76501     | Extreme immaturity, less than 500         | DX       | 09   | 1          | 63         | 154       | MARKER         |
|           | grams                                     |          |      |            |            |           |                |

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| System (i      | icres, osed in the destational Age Algori             |          | ICD      |            |            |           |                  |
|----------------|---|----------|----------|------------|------------|-----------|------------------|
|                |   | Code     | Code     |            |            | Pregnancy |                  |
| Code           | Description   | Category | Type     | Priority 1 | Priority 2 | Duration  | durationanchor   |
| 76510          | Other preterm infants, unspecified                    | DX       | 09       | 1          | 64         | 245       | MARKER           |
|                | [weight]  |          |          |            |            |           |                  |
| 76519          | Other preterm infants, 2,500 grams and                | DX       | 09       | 1          | 64         | 245       | MARKER           |
|                | over  |          |          |            |            |           |                  |
| 76518          | Other preterm infants, 2,000-2,499                    | DX       | 09       | 1          | 65         | 238       | MARKER           |
|                | grams   |          |          |            |            |           |                  |
| 76517          | Other preterm infants, 1,750-1,999                    | DX       | 09       | 1          | 66         | 224       | MARKER           |
|                | grams   |          |          |            |            |           |                  |
| 76516          | Other preterm infants, 1,500-1,749                    | DX       | 09       | 1          | 67         | 217       | MARKER           |
|                | grams   |          |          |            |            |           |                  |
| 76515          | Other preterm infants, 1,250-1,499                    | DX       | 09       | 1          | 68         | 210       | MARKER           |
|                | grams   |          |          |            |            |           |                  |
| 76514          | Other preterm infants, 1,000-1,249                    | DX       | 09       | 1          | 69         | 203       | MARKER           |
|                | grams   |          |          |            |            |           |                  |
| 76513          | Other preterm infants, 750-999 grams                  | DX       | 09       | 1          | 70         | 189       | MARKER           |
| 76512          | Other preterm infants, 500-749 grams                  | DX       | 09       | 1          | 71         | 175       | MARKER           |
| 76511          | Other preterm infants, less than 500                  | DX       | 09       | 1          | 72         | 154       | MARKER           |
|                | grams   |          |          |            |            |           |                  |
| 76520          | Unspecified weeks of gestation                        | DX       | 09       | 1          | 73         | 245       | MARKER           |
| 58321          | ARTIFICIAL INSEMINATION; INTRA-                       | PX       | C4       | 2          | 1          | 14        | MARKER           |
| 50222          | CERVICAL  | D.V      | 64       | 2          |            | 4.4       | ********         |
| 58322          | ARTIFICIAL INSEMINATION                               | PX       | C4       | 2          | 1          | 14        | MARKER           |
| 58974          | TRANSFER OF EMBRYO                                    | PX       | C4       | 2          | 1          | 14        | MARKER           |
| 58976          | Gamete, zygote, or embryo                             | PX       | C4       | 2          | 1          | 14        | MARKER           |
| C4011          | intrafallopian transfer                               | DV       | шс       | 2          | 1          | 1.4       | MARKER           |
| S4011<br>S4013 | IN VITRO FERTILIZATION; COMPLETE CYCLE GIFT CASE RATE | PX<br>PX | HC<br>HC | 2<br>2     | 1          | 14<br>14  | MARKER<br>MARKER |
| S4013          | COMPLETE CYCLE ZIFT CASE RATE                         | PX       | HC       | 2          | 1<br>1     | 14        | MARKER           |
| S4014<br>S4015 | COMPLETE IVF CYCLE CASE RATE NOS                      | PX       | HC       | 2          | 1          | 14        | MARKER           |
| S4015          | FROZEN IVF CYCLE CASE RATE                            | PX       | HC       | 2          | 1          | 14        | MARKER           |
| S4010<br>S4035 | STIMULATED INTRAUTERINE                               | PX       | HC       | 2          | 1          | 14        | MARKER           |
| 34033          | INSEMINATION (IUI), CASE RATE                         | ΓΛ       | TIC      | 2          | 1          | 14        | WANKEN           |
| S4037          | Cryopreserved embryo transfer, case                   | PX       | НС       | 2          | 1          | 14        | MARKER           |
| 34037          | rate  | 1 /      | 110      | 2          | 1          | 14        | WANKEN           |
| 76813          | Nuchal Translucency Measurement                       | PX       | C4       | 2          | 2          | 88        | MARKER           |
| 70015          | (Single or First Gestation)                           | 17       | CT       | -          | _          | 00        | IVII IIIICEII    |
| 76814          | Nuchal Translucency Measurement                       | PX       | C4       | 2          | 2          | 88        | MARKER           |
| , 002.         | (Each Additional Gestation)                           | • • • •  | 0.       | _          | _          |           |                  |
| 59015          | Chorionic villus sampling, any method                 | PX       | C4       | 2          | 3          | 84        | MARKER           |
|                | e,  |          |          | _          |            |           |                  |
| 84163          | PAPP-A serum test                                     | PX       | C4       | 2          | 4          | 85        | MARKER           |
| 87081          | Group B streptococcus screening                       | PX       | C4       | 2          | 5          | 252       | MARKER           |
|                | (genital)   |          |          |            |            |           |                  |
| 82677          | Assay of estriol                                      | PX       | C4       | 2          | 6          | 119       | MARKER           |
| 86336          | Inhibin A   | PX       | C4       | 2          | 7          | 119       | MARKER           |
|                |   |          |          |            |            |           |                  |

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| System (F | ICPCS) Used in the Gestational Age Algori   | unm      | ICD  |            |            |           |                |
|-----------|---|----------|------|------------|------------|-----------|----------------|
|           |   | Code     | Code |            |            | Pregnancy |                |
| Code      | Description   | Category | Type | Priority 1 | Priority 2 | Duration  | durationanchor |
| 81420     | Fetal aneuploidy genomic sequence analysis, cell-free fetal DNA   | PX       | C4   | 2          | 8          | 85        | MARKER         |
| 81507     | Fetal aneuploidy (trisomy 21, 18, and 13) DNA sequence analysis of selected regions using maternal plasma algorithm reported as a risk score for each trisomy                           | PX       | C4   | 2          | 8          | 85        | MARKER         |
| 76811     | Detailed fetal anatomic examination (single or first gestation)   | PX       | C4   | 2          | 9          | 138       | MARKER         |
| 76812     | Detailed fetal anatomic examination (Each additional Gestation)   | PX       | C4   | 2          | 9          | 138       | MARKER         |
| 82106     | Alpha-fetoprotein, amniotic   | PX       | C4   | 2          | 10         | 120       | MARKER         |
| 82950     | Glucose; post glucose dose (includes glucose)   | PX       | C4   | 2          | 11         | 190       | MARKER         |
| 82951     | Glucose; tolerance test (GTT), 3 specimens (includes glucose)   | PX       | C4   | 2          | 11         | 190       | MARKER         |
| 82952     | Glucose tolerance test, additional beyond 3 specimens   | PX       | C4   | 2          | 11         | 190       | MARKER         |
| 76805     | Complete Ultrasounds (Maternal and Fetal Evaluation); Second and Third Trimesters (Single or First Gestation)   | PX       | C4   | 2          | 12         | 140       | MARKER         |
| 76810     | Complete Ultrasounds (Maternal and Fetal Evaluation); Second and Third Trimesters (Each Additional Gestation)   | PX       | C4   | 2          | 12         | 140       | MARKER         |
| 76801     | Ultrasound, pregnant uterus, real time with image documentation, fetal and maternal evaluation, first trimester (< 14 weeks 0 days), transabdominal approach; single or first gestation | PX       | C4   | 2          | 13         | 97        | MARKER         |
| 76802     | Ultrasound, pregnant uterus, real time with image documentation, fetal and maternal evaluation, first trimester (< 14 weeks 0 days), transabdominal approach; each additional gestation | PX       | C4   | 2          | 13         | 97        | MARKER         |
| O6020X0   | Term delivery with preterm labor,<br>unspecified trimester, not applicable or<br>unspecified  | DX       | 10   | 3          | 1          | 273       | OUTCOME        |
| O6020X1   | Term delivery with preterm labor, unspecified trimester, fetus 1  | DX       | 10   | 3          | 2          | 273       | OUTCOME        |
| O6020X2   | Term delivery with preterm labor, unspecified trimester, fetus 2  | DX       | 10   | 3          | 3          | 273       | OUTCOME        |



| System (F | ICPCS) Used in the Gestational Age Algori                             | tn <b>m</b> | ICD  |            |            |           |                |
|-----------|---|-------------|------|------------|------------|-----------|----------------|
|           |   | Code        | Code |            |            | Pregnancy |                |
| Code      | Description   | Category    | Туре | Priority 1 | Priority 2 | Duration  | durationanchor |
| O6020X3   | Term delivery with preterm labor,                                     | DX          | 10   | 3          | 4          | 273       | OUTCOME        |
| 0.5000044 | unspecified trimester, fetus 3  | 51/         | 4.0  |            | _          | 070       | 0.1.7.00.4.5   |
| O6020X4   | Term delivery with preterm labor, unspecified trimester, fetus 4      | DX          | 10   | 3          | 5          | 273       | OUTCOME        |
| O6020X5   | Term delivery with preterm labor,                                     | DX          | 10   | 3          | 6          | 273       | OUTCOME        |
|           | unspecified trimester, fetus 5  |             |      |            | -          |           |                |
| O6020X9   | Term delivery with preterm labor,                                     | DX          | 10   | 3          | 7          | 273       | OUTCOME        |
|           | unspecified trimester, other fetus                                    |             |      |            | _          |           |                |
| O6022X0   | Term delivery with preterm labor, second trimester, not applicable or | DX          | 10   | 3          | 8          | 273       | OUTCOME        |
|           | unspecified   |             |      |            |            |           |                |
| O6022X1   | Term delivery with preterm labor,                                     | DX          | 10   | 3          | 9          | 273       | OUTCOME        |
|           | second trimester, fetus 1   |             |      |            |            |           |                |
| O6022X2   | Term delivery with preterm labor,                                     | DX          | 10   | 3          | 10         | 273       | OUTCOME        |
| O6022X3   | second trimester, fetus 2 Term delivery with preterm labor,           | DX          | 10   | 3          | 11         | 273       | OUTCOME        |
| 00022/3   | second trimester, fetus 3   | DA          | 10   | 3          | 11         | 273       | OUTCOIVIL      |
| O6022X4   | Term delivery with preterm labor,                                     | DX          | 10   | 3          | 12         | 273       | OUTCOME        |
|           | second trimester, fetus 4   |             |      |            |            |           |                |
| O6022X5   | Term delivery with preterm labor,                                     | DX          | 10   | 3          | 13         | 273       | OUTCOME        |
| O6022X9   | second trimester, fetus 5 Term delivery with preterm labor,           | DX          | 10   | 3          | 14         | 273       | OUTCOME        |
| 00022/0   | second trimester, other fetus   | ΣX          | 10   | J          |            | 2,3       | 001001112      |
| O6023X0   | Term delivery with preterm labor, third                               | DX          | 10   | 3          | 15         | 273       | OUTCOME        |
|           | trimester, not applicable or unspecified                              |             |      |            |            |           |                |
| O6023X1   | Term delivery with preterm labor, third                               | DX          | 10   | 3          | 16         | 273       | OUTCOME        |
| 00025X1   | trimester, fetus 1  | DA          | 10   | 3          | 10         | 273       | OUTCOIVIL      |
| O6023X2   | Term delivery with preterm labor, third                               | DX          | 10   | 3          | 17         | 273       | OUTCOME        |
|           | trimester, fetus 2  |             |      |            |            |           |                |
| O6023X3   | Term delivery with preterm labor, third trimester, fetus 3            | DX          | 10   | 3          | 18         | 273       | OUTCOME        |
| O6023X4   | Term delivery with preterm labor, third                               | DX          | 10   | 3          | 19         | 273       | OUTCOME        |
|           | trimester, fetus 4  |             |      |            |            |           |                |
| O6023X5   | Term delivery with preterm labor, third                               | DX          | 10   | 3          | 20         | 273       | OUTCOME        |
| 0.5000\/0 | trimester, fetus 5  | 51/         | 4.0  |            | 0.4        | 070       | 0.1.7.00.4.5   |
| O6023X9   | Term delivery with preterm labor, third trimester, other fetus        | DX          | 10   | 3          | 21         | 273       | OUTCOME        |
| O4202     | Full-term premature rupture of  | DX          | 10   | 3          | 22         | 273       | OUTCOME        |
|           | membranes, onset of labor within 24                                   |             |      |            |            |           |                |
|           | hours of rupture  |             |      |            |            |           |                |
| 04212     | Full-term premature rupture of  | DX          | 10   | 3          | 23         | 273       | OUTCOME        |
|           | membranes, onset of labor more than 24 hours following rupture        |             |      |            |            |           |                |
|           | =oais ionoming raptaic  |             |      |            |            |           |                |



| System (F | HCPCS) Used in the Gestational Age Algori   | tn <b>m</b> | ICD  |            |            |           |                |
|-----------|---|-------------|------|------------|------------|-----------|----------------|
|           |   | Code        | Code |            |            | Pregnancy |                |
| Code      | Description   | Category    | Type | Priority 1 | Priority 2 | Duration  | durationanchor |
| O4292     | Full-term premature rupture of membranes, unspecified as to length of time between rupture and onset of labor   | DX          | 10   | 3          | 24         | 273       | OUTCOME        |
| O471      | False labor at or after 37 completed weeks of gestation   | DX          | 10   | 3          | 25         | 273       | OUTCOME        |
| O80       | Encounter for full-term uncomplicated delivery  | DX          | 10   | 3          | 26         | 273       | OUTCOME        |
| 07582     | Onset (spontaneous) of labor after 37 completed weeks of gestation but before 39 completed weeks gestation, with delivery by (planned) cesarean section | DX          | 10   | 3          | 27         | 273       | OUTCOME        |
| O42013    | Preterm premature rupture of membranes, onset of labor within 24 hours of rupture, third trimester  | DX          | 10   | 4          | 1          | 241       | MARKER         |
| 042113    | Preterm premature rupture of membranes, onset of labor more than 24 hours following rupture, third trimester  | DX          | 10   | 4          | 2          | 241       | MARKER         |
| O42913    | Preterm premature rupture of membranes, unspecified as to length of time between rupture and onset of labor, third trimester                            | DX          | 10   | 4          | 3          | 241       | MARKER         |
| O0903     | Supervision of pregnancy with history of infertility, third trimester   | DX          | 10   | 4          | 4          | 241       | MARKER         |
| 00913     | Supervision of pregnancy with history of ectopic pregnancy, third trimester   | DX          | 10   | 4          | 5          | 241       | MARKER         |
| 009213    | Supervision of pregnancy with history of pre-term labor, third trimester  | DX          | 10   | 4          | 6          | 241       | MARKER         |
| O09293    | Supervision of pregnancy with other poor reproductive or obstetric history, third trimester   | DX          | 10   | 4          | 7          | 241       | MARKER         |
| O0933     | Supervision of pregnancy with insufficient antenatal care, third trimester  | DX          | 10   | 4          | 8          | 241       | MARKER         |
| O0943     | Supervision of pregnancy with grand multiparity, third trimester  | DX          | 10   | 4          | 9          | 241       | MARKER         |
| O09513    | Supervision of elderly primigravida, third trimester  | DX          | 10   | 4          | 10         | 241       | MARKER         |
| O09523    | Supervision of elderly multigravida, third trimester  | DX          | 10   | 4          | 11         | 241       | MARKER         |
| O09613    | Supervision of young primigravida, third trimester  | DX          | 10   | 4          | 12         | 241       | MARKER         |



| System (II | icres) osed in the destational Age Algorit   |          | ICD  |            |            |           |                |
|------------|--|----------|------|------------|------------|-----------|----------------|
|            |  | Code     | Code |            |            | Pregnancy |                |
| Code       | Description  | Category | Type | Priority 1 | Priority 2 | Duration  | durationanchor |
| 009623     | Supervision of young multigravida, third trimester   | DX       | 10   | 4          | 13         | 241       | MARKER         |
| 00973      | Supervision of high risk pregnancy due to social problems, third trimester                             | DX       | 10   | 4          | 14         | 241       | MARKER         |
| O09813     | Supervision of pregnancy resulting from assisted reproductive technology, third trimester              | DX       | 10   | 4          | 15         | 241       | MARKER         |
| O09823     | Supervision of pregnancy with history of in utero procedure during previous pregnancy, third trimester | DX       | 10   | 4          | 16         | 241       | MARKER         |
| O09893     | Supervision of other high risk pregnancies, third trimester  | DX       | 10   | 4          | 17         | 241       | MARKER         |
| 00993      | Supervision of high risk pregnancy, unspecified, third trimester                                       | DX       | 10   | 4          | 18         | 241       | MARKER         |
| O09A3      | Supervision of pregnancy with history of molar pregnancy, third trimester                              | DX       | 10   | 4          | 19         | 241       | MARKER         |
| O10013     | Pre-existing essential hypertension complicating pregnancy, third trimester                            | DX       | 10   | 4          | 20         | 241       | MARKER         |
| 010113     | Pre-existing hypertensive heart disease complicating pregnancy, third trimester                        | DX       | 10   | 4          | 21         | 241       | MARKER         |
| O10213     | Pre-existing hypertensive chronic kidney disease complicating pregnancy, third trimester               | DX       | 10   | 4          | 22         | 241       | MARKER         |
| 010313     | Pre-existing hypertensive heart and chronic kidney disease complicating pregnancy, third trimester     | DX       | 10   | 4          | 23         | 241       | MARKER         |
| O10413     | Pre-existing secondary hypertension complicating pregnancy, third trimester                            | DX       | 10   | 4          | 24         | 241       | MARKER         |
| 010913     | Unspecified pre-existing hypertension complicating pregnancy, third trimester                          | DX       | 10   | 4          | 25         | 241       | MARKER         |
| 0113       | Pre-existing hypertension with pre-<br>eclampsia, third trimester                                      | DX       | 10   | 4          | 26         | 241       | MARKER         |
| O1203      | Gestational edema, third trimester   | DX       | 10   | 4          | 27         | 241       | MARKER         |
| 01213      | Gestational proteinuria, third trimester   | DX       | 10   | 4          | 28         | 241       | MARKER         |
| 01223      | Gestational edema with proteinuria, third trimester  | DX       | 10   | 4          | 29         | 241       | MARKER         |
| 0133       | Gestational [pregnancy-induced] hypertension without significant proteinuria, third trimester          | DX       | 10   | 4          | 30         | 241       | MARKER         |

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| Jystein (F | icres) used in the destational Age Algori                                |          | ICD  |            |            |           |                |
|------------|--|----------|------|------------|------------|-----------|----------------|
|            |  | Code     | Code |            |            | Pregnancy |                |
| Code       | Description  | Category | Туре | Priority 1 | Priority 2 | Duration  | durationanchor |
| O1403      | Mild to moderate pre-eclampsia, third trimester                          | DX       | 10   | 4          | 31         | 241       | MARKER         |
| 01413      | Severe pre-eclampsia, third trimester                                    | DX       | 10   | 4          | 32         | 241       | MARKER         |
| 01423      | HELLP syndrome (HELLP), third trimester                                  | DX       | 10   | 4          | 33         | 241       | MARKER         |
| O1493      | Unspecified pre-eclampsia, third trimester                               | DX       | 10   | 4          | 34         | 241       | MARKER         |
| O1503      | Eclampsia complicating pregnancy, third trimester                        | DX       | 10   | 4          | 35         | 241       | MARKER         |
| O163       | Unspecified maternal hypertension, third trimester                       | DX       | 10   | 4          | 36         | 241       | MARKER         |
| O2203      | Varicose veins of lower extremity in pregnancy, third trimester          | DX       | 10   | 4          | 37         | 241       | MARKER         |
| 02213      | Genital varices in pregnancy, third trimester                            | DX       | 10   | 4          | 38         | 241       | MARKER         |
| O2223      | Superficial thrombophlebitis in pregnancy, third trimester               | DX       | 10   | 4          | 39         | 241       | MARKER         |
| O2233      | Deep phlebothrombosis in pregnancy, third trimester                      | DX       | 10   | 4          | 40         | 241       | MARKER         |
| O2243      | Hemorrhoids in pregnancy, third trimester                                | DX       | 10   | 4          | 41         | 241       | MARKER         |
| O2253      | Cerebral venous thrombosis in pregnancy, third trimester                 | DX       | 10   | 4          | 42         | 241       | MARKER         |
| O228X3     | Other venous complications in pregnancy, third trimester                 | DX       | 10   | 4          | 43         | 241       | MARKER         |
| O2293      | Venous complication in pregnancy, unspecified, third trimester           | DX       | 10   | 4          | 44         | 241       | MARKER         |
| O2303      | Infections of kidney in pregnancy, third trimester                       | DX       | 10   | 4          | 45         | 241       | MARKER         |
| O2313      | Infections of bladder in pregnancy, third trimester                      | DX       | 10   | 4          | 46         | 241       | MARKER         |
| O2323      | Infections of urethra in pregnancy, third trimester                      | DX       | 10   | 4          | 47         | 241       | MARKER         |
| O2333      | Infections of other parts of urinary tract in pregnancy, third trimester | DX       | 10   | 4          | 48         | 241       | MARKER         |
| 02343      | Unspecified infection of urinary tract in pregnancy, third trimester     | DX       | 10   | 4          | 49         | 241       | MARKER         |
| 023513     | Infections of cervix in pregnancy, third trimester                       | DX       | 10   | 4          | 50         | 241       | MARKER         |
| 023523     | Salpingo-oophoritis in pregnancy, third trimester                        | DX       | 10   | 4          | 51         | 241       | MARKER         |
| O23593     | Infection of other part of genital tract in pregnancy, third trimester   | DX       | 10   | 4          | 52         | 241       | MARKER         |



| System (1 | icres) osed in the destational Age Algori                            | Ç.IIII   | ICD  |            |            |           |                |
|-----------|--|----------|------|------------|------------|-----------|----------------|
|           |  | Code     | Code |            |            | Pregnancy |                |
| Code      | Description  | Category | Туре | Priority 1 | Priority 2 | Duration  | durationanchor |
| O2393     | Unspecified genitourinary tract                                      | DX       | 10   | 4          | 53         | 241       | MARKER         |
|           | infection in pregnancy, third trimester                              |          |      |            |            |           |                |
|           |  |          |      |            |            |           |                |
| 024013    | Pre-existing type 1 diabetes mellitus, in                            | DX       | 10   | 4          | 54         | 241       | MARKER         |
| 024113    | pregnancy, third trimester   | DV       | 10   | 4          |            | 241       | MARKER         |
| 024113    | Pre-existing type 2 diabetes mellitus, in pregnancy, third trimester | DX       | 10   | 4          | 55         | 241       | MARKER         |
| 024313    | Unspecified pre-existing diabetes                                    | DX       | 10   | 4          | 56         | 241       | MARKER         |
| 02 1010   | mellitus in pregnancy, third trimester                               | ΣX       |      | •          | 30         |           | IVII IIIILEII  |
| 024813    | Other pre-existing diabetes mellitus in                              | DX       | 10   | 4          | 57         | 241       | MARKER         |
|           | pregnancy, third trimester   |          |      |            |            |           |                |
| 024913    | Unspecified diabetes mellitus in                                     | DX       | 10   | 4          | 58         | 241       | MARKER         |
|           | pregnancy, third trimester   |          |      |            |            |           |                |
| 02513     | Malnutrition in pregnancy, third                                     | DX       | 10   | 4          | 59         | 241       | MARKER         |
|           | trimester  |          |      |            |            |           |                |
| O2603     | Excessive weight gain in pregnancy,                                  | DX       | 10   | 4          | 60         | 241       | MARKER         |
| 02612     | third trimester  | DV       | 10   | 4          | 61         | 241       | MARKER         |
| O2613     | Low weight gain in pregnancy, third trimester                        | DX       | 10   | 4          | 01         | 241       | MARKER         |
| 02623     | Pregnancy care for patient with                                      | DX       | 10   | 4          | 62         | 241       | MARKER         |
| 01010     | recurrent pregnancy loss, third                                      | 27.      |      | ·          | <b>0</b> - |           |                |
|           | trimester  |          |      |            |            |           |                |
| 02633     | Retained intrauterine contraceptive                                  | DX       | 10   | 4          | 63         | 241       | MARKER         |
|           | device in pregnancy, third trimester                                 |          |      |            |            |           |                |
| O2643     | Herpes gestationis, third trimester                                  | DX       | 10   | 4          | 64         | 241       | MARKER         |
| 02653     | Maternal hypotension syndrome, third                                 | DX       | 10   | 4          | 65         | 241       | MARKER         |
| 000010    | trimester  | 5.4      | 4.0  |            | 6.6        | 244       |                |
| 026613    | Liver and biliary tract disorders in                                 | DX       | 10   | 4          | 66         | 241       | MARKER         |
| 026713    | pregnancy, third trimester Subluxation of symphysis (pubis) in       | DX       | 10   | 4          | 67         | 241       | MARKER         |
| 020/13    | pregnancy, third trimester   | DX       | 10   | 4          | 07         | 241       | WARKER         |
| 026813    | Pregnancy related exhaustion and                                     | DX       | 10   | 4          | 68         | 241       | MARKER         |
|           | fatigue, third trimester   |          |      | •          |            |           |                |
| 026823    | Pregnancy related peripheral neuritis,                               | DX       | 10   | 4          | 69         | 241       | MARKER         |
|           | third trimester  |          |      |            |            |           |                |
| O26833    | Pregnancy related renal disease, third                               | DX       | 10   | 4          | 70         | 241       | MARKER         |
|           | trimester  |          |      |            |            |           |                |
| O26843    | Uterine size-date discrepancy, third                                 | DX       | 10   | 4          | 71         | 241       | MARKER         |
| 000050    | trimester  | 5.4      | 4.0  |            |            | 244       |                |
| O26853    | Spotting complicating pregnancy, third                               | DX       | 10   | 4          | 72         | 241       | MARKER         |
| O26873    | trimester Cervical shortening, third trimester                       | DX       | 10   | 4          | 73         | 241       | MARKER         |
| O26893    | Other specified pregnancy related                                    | DX       | 10   | 4          | 73<br>74   | 241       | MARKER         |
| 020033    | conditions, third trimester  | DA       | 10   | 7          | , ¬        | 271       | WINNEN         |
|           |  |          |      |            |            |           |                |

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| System (I | icres) osed in the destational Age Algori                                |          | ICD  |            |            |           |                |
|-----------|--|----------|------|------------|------------|-----------|----------------|
|           |  | Code     | Code |            |            | Pregnancy |                |
| Code      | Description  | Category | Type | Priority 1 | Priority 2 | Duration  | durationanchor |
| O2693     | Pregnancy related conditions,  | DX       | 10   | 4          | 75         | 241       | MARKER         |
|           | unspecified, third trimester   |          |      |            |            |           |                |
| 029013    | Aspiration pneumonitis due to  | DX       | 10   | 4          | 76         | 241       | MARKER         |
|           | anesthesia during pregnancy, third                                       |          |      |            |            |           |                |
|           | trimester  |          |      | _          |            |           |                |
| O29023    | Pressure collapse of lung due to   | DX       | 10   | 4          | 77         | 241       | MARKER         |
|           | anesthesia during pregnancy, third                                       |          |      |            |            |           |                |
| O29093    | trimester Other pulmonary complications of                               | DX       | 10   | 4          | 78         | 241       | MARKER         |
| 023033    | anesthesia during pregnancy, third                                       | DX       | 10   | -          | 70         | 241       | MARKER         |
|           | trimester  |          |      |            |            |           |                |
| 029113    | Cardiac arrest due to anesthesia during                                  | DX       | 10   | 4          | 79         | 241       | MARKER         |
|           | pregnancy, third trimester   |          |      |            |            |           |                |
| 029123    | Cardiac failure due to anesthesia during                                 | DX       | 10   | 4          | 80         | 241       | MARKER         |
|           | pregnancy, third trimester   |          |      |            |            |           |                |
| 029193    | Other cardiac complications of   | DX       | 10   | 4          | 81         | 241       | MARKER         |
|           | anesthesia during pregnancy, third                                       |          |      |            |            |           |                |
| 020242    | trimester  | DV       | 10   | 4          | 02         | 244       | MARKER         |
| 029213    | Cerebral anoxia due to anesthesia during pregnancy, third trimester      | DX       | 10   | 4          | 82         | 241       | MARKER         |
| 029293    | Other central nervous system   | DX       | 10   | 4          | 83         | 241       | MARKER         |
| 023233    | complications of anesthesia during                                       | ΣA       |      | •          | 00         | 2.12      | 1717 11111211  |
|           | pregnancy, third trimester   |          |      |            |            |           |                |
| O293X3    | Toxic reaction to local anesthesia during                                | DX       | 10   | 4          | 84         | 241       | MARKER         |
|           | pregnancy, third trimester   |          |      |            |            |           |                |
| 02943     | Spinal and epidural anesthesia induced                                   | DX       | 10   | 4          | 85         | 241       | MARKER         |
|           | headache during pregnancy, third   |          |      |            |            |           |                |
| 02051/2   | trimester  | DV       | 40   |            | 0.0        | 244       | A A A DIVED    |
| O295X3    | Other complications of spinal and  | DX       | 10   | 4          | 86         | 241       | MARKER         |
|           | epidural anesthesia during pregnancy, third trimester                    |          |      |            |            |           |                |
| 02963     | Failed or difficult intubation for                                       | DX       | 10   | 4          | 87         | 241       | MARKER         |
| 02500     | anesthesia during pregnancy, third                                       |          |      | •          | <b>.</b>   |           |                |
|           | trimester  |          |      |            |            |           |                |
| O298X3    | Other complications of anesthesia  | DX       | 10   | 4          | 88         | 241       | MARKER         |
|           | during pregnancy, third trimester  |          |      |            |            |           |                |
| 02993     | Unspecified complication of anesthesia                                   | DX       | 10   | 4          | 89         | 241       | MARKER         |
|           | during pregnancy, third trimester  |          |      |            |            |           |                |
| O30003    | Twin programs, unspecified number of                                     | DX       | 10   | 4          | 90         | 241       | MARKER         |
| 030003    | Twin pregnancy, unspecified number of placenta and unspecified number of | DΛ       | 10   | 4          | 90         | 241       | IVIANNEN       |
|           | amniotic sacs, third trimester   |          |      |            |            |           |                |
| 030013    | Twin pregnancy,  | DX       | 10   | 4          | 91         | 241       | MARKER         |
| -         | monochorionic/monoamniotic, third  |          | -    |            |            |           |                |
|           | trimester  |          |      |            |            |           |                |
|           |  |          |      |            |            |           |                |

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|        | is so, osci ii ii e eestatoria 7,80 mgo m   | Code     | ICD<br>Code |            |            | Pregnancy |                |
|--------|---|----------|-------------|------------|------------|-----------|----------------|
| Code   | Description   | Category | Type        | Priority 1 | Priority 2 | Duration  | durationanchor |
| O30023 | Conjoined twin pregnancy, third   | DX       | 10          | 4          | 92         | 241       | MARKER         |
| O30033 | trimester Twin pregnancy, monochorionic/diamniotic, third   | DX       | 10          | 4          | 93         | 241       | MARKER         |
| O30043 | trimester Twin pregnancy, dichorionic/diamniotic, third trimester   | DX       | 10          | 4          | 94         | 241       | MARKER         |
| O30093 | Twin pregnancy, unable to determine number of placenta and number of amniotic sacs, third trimester           | DX       | 10          | 4          | 95         | 241       | MARKER         |
| 030103 | Triplet pregnancy, unspecified number of placenta and unspecified number of amniotic sacs, third trimester    | DX       | 10          | 4          | 96         | 241       | MARKER         |
| O30113 | Triplet pregnancy with two or more monochorionic fetuses, third trimester                                     | DX       | 10          | 4          | 97         | 241       | MARKER         |
| O30123 | Triplet pregnancy with two or more monoamniotic fetuses, third trimester                                      | DX       | 10          | 4          | 98         | 241       | MARKER         |
| O30133 | Triplet pregnancy, trichorionic/triamniotic, third trimester  | DX       | 10          | 4          | 99         | 241       | MARKER         |
| O30193 | Triplet pregnancy, unable to determine number of placenta and number of amniotic sacs, third trimester        | DX       | 10          | 4          | 100        | 241       | MARKER         |
| O30203 | Quadruplet pregnancy, unspecified number of placenta and unspecified number of amniotic sacs, third trimester | DX       | 10          | 4          | 101        | 241       | MARKER         |
| O30213 | Quadruplet pregnancy with two or more monochorionic fetuses, third trimester                                  | DX       | 10          | 4          | 102        | 241       | MARKER         |
| O30223 | Quadruplet pregnancy with two or more monoamniotic fetuses, third trimester                                   | DX       | 10          | 4          | 103        | 241       | MARKER         |
| O30233 | Quadruplet pregnancy,<br>quadrachorionic/quadra-amniotic, third<br>trimester                                  | DX       | 10          | 4          | 104        | 241       | MARKER         |
| O30293 | Quadruplet pregnancy, unable to determine number of placenta and number of amniotic sacs, third trimester     | DX       | 10          | 4          | 105        | 241       | MARKER         |

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| Jystein (i | icres, osed in the destational Age Algori                                     | Cillin   | ICD  |            |            |           |                |
|------------|---|----------|------|------------|------------|-----------|----------------|
|            |   | Code     | Code |            |            | Pregnancy |                |
| Code       | Description   | Category | Туре | Priority 1 | Priority 2 | Duration  | durationanchor |
| O30803     | Other specified multiple gestation,   | DX       | 10   | 4          | 106        | 241       | MARKER         |
|            | unspecified number of placenta and  |          |      |            |            |           |                |
|            | unspecified number of amniotic sacs,  |          |      |            |            |           |                |
| 020012     | third trimester   | DV       | 10   | 4          | 107        | 241       | MADKED         |
| O30813     | Other specified multiple gestation with two or more monochorionic fetuses,    | DX       | 10   | 4          | 107        | 241       | MARKER         |
|            | third trimester   |          |      |            |            |           |                |
| O30823     | Other specified multiple gestation with                                       | DX       | 10   | 4          | 108        | 241       | MARKER         |
|            | two or more monoamniotic fetuses,   |          |      |            |            |           |                |
|            | third trimester   |          |      |            |            |           |                |
| O30833     | Other specified multiple gestation,   | DX       | 10   | 4          | 109        | 241       | MARKER         |
|            | number of chorions and amnions are  |          |      |            |            |           |                |
|            | both equal to the number of fetuses, third trimester                          |          |      |            |            |           |                |
| O30893     | Other specified multiple gestation,   | DX       | 10   | 4          | 110        | 241       | MARKER         |
|            | unable to determine number of   |          |      |            |            |           |                |
|            | placenta and number of amniotic sacs,   |          |      |            |            |           |                |
|            | third trimester   |          |      |            |            |           |                |
| O3093      | Multiple gestation, unspecified, third  | DX       | 10   | 4          | 111        | 241       | MARKER         |
| 0210270    | trimester   | DV       | 10   | 4          | 112        | 241       | MADKED         |
| O3103X0    | Papyraceous fetus, third trimester, not applicable or unspecified             | DX       | 10   | 4          | 112        | 241       | MARKER         |
| O3103X1    | Papyraceous fetus, third trimester,   | DX       | 10   | 4          | 113        | 241       | MARKER         |
|            | fetus 1   |          |      |            |            |           |                |
| O3103X2    | Papyraceous fetus, third trimester,   | DX       | 10   | 4          | 114        | 241       | MARKER         |
|            | fetus 2   |          |      |            |            |           |                |
| O3103X3    | Papyraceous fetus, third trimester,   | DX       | 10   | 4          | 115        | 241       | MARKER         |
| O3103X4    | fetus 3 Papyraceous fetus, third trimester,                                   | DX       | 10   | 4          | 116        | 241       | MARKER         |
| 03103/4    | fetus 4   | DX       | 10   | 4          | 110        | 241       | WARRER         |
| O3103X5    | Papyraceous fetus, third trimester,   | DX       | 10   | 4          | 117        | 241       | MARKER         |
|            | fetus 5   |          |      |            |            |           |                |
| O3103X9    | Papyraceous fetus, third trimester,   | DX       | 10   | 4          | 118        | 241       | MARKER         |
|            | other fetus   |          |      |            |            |           |                |
| O3113X0    | 3. 3 ,  | DX       | 10   | 4          | 119        | 241       | MARKER         |
|            | spontaneous abortion of one fetus or more, third trimester, not applicable or |          |      |            |            |           |                |
|            | unspecified   |          |      |            |            |           |                |
| O3113X1    | •   | DX       | 10   | 4          | 120        | 241       | MARKER         |
|            | spontaneous abortion of one fetus or  |          |      |            |            |           |                |
|            | more, third trimester, fetus 1  |          |      |            |            |           |                |
| O3113X2    | Continuing pregnancy after  | DX       | 10   | 4          | 121        | 241       | MARKER         |
|            | spontaneous abortion of one fetus or  |          |      |            |            |           |                |
|            | more, third trimester, fetus 2  |          |      |            |            |           |                |



| system (H | CPCS) Used in the Gestational Age Algorit                                   | ırım     | ICD  |            |            |           |                |
|-----------|---|----------|------|------------|------------|-----------|----------------|
|           |   | Code     | Code |            |            | Pregnancy |                |
| Code      | Description   | Category | Туре | Priority 1 | Priority 2 | Duration  | durationanchor |
| O3113X3   | Continuing pregnancy after  | DX       | 10   | 4          | 122        | 241       | MARKER         |
|           | spontaneous abortion of one fetus or  |          |      |            |            |           |                |
|           | more, third trimester, fetus 3  |          |      | _          |            |           |                |
| O3113X4   | · · · ·   | DX       | 10   | 4          | 123        | 241       | MARKER         |
|           | spontaneous abortion of one fetus or more, third trimester, fetus 4         |          |      |            |            |           |                |
| O3113X5   | Continuing pregnancy after  | DX       | 10   | 4          | 124        | 241       | MARKER         |
|           | spontaneous abortion of one fetus or  |          |      |            |            |           |                |
|           | more, third trimester, fetus 5  |          |      |            |            |           |                |
| O3113X9   | Continuing pregnancy after  | DX       | 10   | 4          | 125        | 241       | MARKER         |
|           | spontaneous abortion of one fetus or more, third trimester, other fetus     |          |      |            |            |           |                |
| O3123X0   | Continuing pregnancy after intrauterine                                     | DX       | 10   | 4          | 126        | 241       | MARKER         |
| 00110710  | death of one fetus or more, third   | 27.      |      | •          |            |           |                |
|           | trimester, not applicable or unspecified                                    |          |      |            |            |           |                |
|           | _   |          |      |            |            |           |                |
| O3123X1   | · · · ·   | DX       | 10   | 4          | 127        | 241       | MARKER         |
|           | death of one fetus or more, third trimester, fetus 1                        |          |      |            |            |           |                |
| O3123X2   | •   | DX       | 10   | 4          | 128        | 241       | MARKER         |
|           | death of one fetus or more, third   |          |      |            |            |           |                |
|           | trimester, fetus 2  |          |      |            |            |           |                |
| O3123X3   | Continuing pregnancy after intrauterine                                     | DX       | 10   | 4          | 129        | 241       | MARKER         |
|           | death of one fetus or more, third trimester, fetus 3                        |          |      |            |            |           |                |
| O3123X4   |   | DX       | 10   | 4          | 130        | 241       | MARKER         |
|           | death of one fetus or more, third   |          |      |            |            |           |                |
|           | trimester, fetus 4  |          |      |            |            |           |                |
| O3123X5   | Continuing pregnancy after intrauterine                                     | DX       | 10   | 4          | 131        | 241       | MARKER         |
|           | death of one fetus or more, third trimester, fetus 5                        |          |      |            |            |           |                |
| O3123X9   | Continuing pregnancy after intrauterine                                     | DX       | 10   | 4          | 132        | 241       | MARKER         |
|           | death of one fetus or more, third   |          |      |            |            |           |                |
|           | trimester, other fetus  |          |      |            |            |           |                |
| O3133X0   | Continuing pregnancy after elective   | DX       | 10   | 4          | 133        | 241       | MARKER         |
|           | fetal reduction of one fetus or more,<br>third trimester, not applicable or |          |      |            |            |           |                |
|           | unspecified   |          |      |            |            |           |                |
| O3133X1   | •   | DX       | 10   | 4          | 134        | 241       | MARKER         |
|           | fetal reduction of one fetus or more,                                       |          |      |            |            |           |                |
|           | third trimester, fetus 1  |          |      |            |            |           |                |
| O3133X2   | Continuing pregnancy after elective   | DX       | 10   | 4          | 135        | 241       | MARKER         |
|           | fetal reduction of one fetus or more,<br>third trimester, fetus 2           |          |      |            |            |           |                |
|           | a trimester, letus 2  |          |      |            |            |           |                |

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| System (F | ICPCS) Used in the Gestational Age Algori  | thm      | ICD         |            |            |           |                |
|-----------|--|----------|-------------|------------|------------|-----------|----------------|
|           |  | Code     | ICD<br>Code |            |            | Pregnancy |                |
| Code      | Description  | Category | Туре        | Priority 1 | Priority 2 | Duration  | durationanchor |
| O3133X3   | •  | DX       | 10          | 4          | 136        | 241       | MARKER         |
|           | fetal reduction of one fetus or more,  |          |             |            |            |           |                |
|           | third trimester, fetus 3   |          |             |            |            |           |                |
| O3133X4   |  | DX       | 10          | 4          | 137        | 241       | MARKER         |
|           | fetal reduction of one fetus or more,  |          |             |            |            |           |                |
| O3133X5   | third trimester, fetus 4 Continuing pregnancy after elective   | DX       | 10          | 4          | 138        | 241       | MARKER         |
| 0313373   | fetal reduction of one fetus or more,  | DX       | 10          | 4          | 130        | 241       | IVIANNEN       |
|           | third trimester, fetus 5   |          |             |            |            |           |                |
| O3133X9   | ·  | DX       | 10          | 4          | 139        | 241       | MARKER         |
|           | fetal reduction of one fetus or more,  |          |             |            |            |           |                |
|           | third trimester, other fetus   |          |             | _          |            |           |                |
| O318X30   | Other complications specific to multiple   | DX       | 10          | 4          | 140        | 241       | MARKER         |
|           | gestation, third trimester, not applicable or unspecified  |          |             |            |            |           |                |
| O318X31   |  | DX       | 10          | 4          | 141        | 241       | MARKER         |
|           | gestation, third trimester, fetus 1  |          |             |            |            |           |                |
|           |  |          |             |            |            |           |                |
| O318X32   | and the second property of the second propert | DX       | 10          | 4          | 142        | 241       | MARKER         |
|           | gestation, third trimester, fetus 2  |          |             |            |            |           |                |
| O318X33   | Other complications specific to multiple   | DX       | 10          | 4          | 143        | 241       | MARKER         |
| 0310733   | gestation, third trimester, fetus 3  | DX       | 10          | 4          | 143        | 241       | IVIANNEN       |
|           | gestation, time timester, returned   |          |             |            |            |           |                |
| O318X34   | Other complications specific to multiple   | DX       | 10          | 4          | 144        | 241       | MARKER         |
|           | gestation, third trimester, fetus 4  |          |             |            |            |           |                |
|           |  |          |             | _          |            |           |                |
| O318X35   | Other complications specific to multiple   | DX       | 10          | 4          | 145        | 241       | MARKER         |
|           | gestation, third trimester, fetus 5  |          |             |            |            |           |                |
| O318X39   | Other complications specific to multiple   | DX       | 10          | 4          | 146        | 241       | MARKER         |
|           | gestation, third trimester, other fetus  |          |             |            |            |           |                |
|           |  |          |             |            |            |           |                |
| O3403     | Maternal care for unspecified  | DX       | 10          | 4          | 147        | 241       | MARKER         |
|           | congenital malformation of uterus,   |          |             |            |            |           |                |
| 03413     | third trimester  Maternal care for benign tumor of   | DX       | 10          | 4          | 148        | 241       | MARKER         |
| 03413     | corpus uteri, third trimester  | DX       | 10          | 7          | 140        | 241       | WANKER         |
| 03433     | Maternal care for cervical   | DX       | 10          | 4          | 149        | 241       | MARKER         |
|           | incompetence, third trimester  |          |             |            |            |           |                |
| O3443     | Maternal care for other abnormalities  | DX       | 10          | 4          | 150        | 241       | MARKER         |
|           | of cervix, third trimester   |          |             |            |            |           |                |
| 034513    | Maternal care for incarceration of   | DX       | 10          | 4          | 151        | 241       | NAADKED        |
| U34313    | gravid uterus, third trimester   | DΛ       | 10          | 4          | 131        | 241       | MARKER         |
|           | O. 2.1.2 a.c. a.o, c a cililicotoi   |          |             |            |            |           |                |

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| System (ii | icres) osed in the destational Age Algorit                 |          | ICD  |            |            |           |                |
|------------|--|----------|------|------------|------------|-----------|----------------|
|            |  | Code     | Code |            |            | Pregnancy |                |
| Code       | Description  | Category | Туре | Priority 1 | Priority 2 | Duration  | durationanchor |
| O34523     | Maternal care for prolapse of gravid                       | DX       | 10   | 4          | 152        | 241       | MARKER         |
|            | uterus, third trimester                                    |          |      |            |            |           |                |
| 034533     | Maternal care for retroversion of gravid                   | DX       | 10   | 4          | 153        | 241       | MARKER         |
|            | uterus, third trimester                                    |          |      |            |            |           |                |
| 034593     | Maternal care for other abnormalities                      | DX       | 10   | 4          | 154        | 241       | MARKER         |
|            | of gravid uterus, third trimester                          |          |      |            |            |           |                |
|            |  |          |      |            |            |           |                |
| 03463      | Maternal care for abnormality of                           | DX       | 10   | 4          | 155        | 241       | MARKER         |
|            | vagina, third trimester                                    |          |      |            |            |           |                |
| O3473      | Maternal care for abnormality of vulva                     | DX       | 10   | 4          | 156        | 241       | MARKER         |
|            | and perineum, third trimester                              |          |      |            |            |           |                |
| O3483      | Maternal care for other abnormalities                      | DX       | 10   | 4          | 157        | 241       | MARKER         |
|            | of pelvic organs, third trimester                          |          |      |            |            |           |                |
|            |  |          |      |            |            |           |                |
| O3493      | Maternal care for abnormality of pelvic                    | DX       | 10   | 4          | 158        | 241       | MARKER         |
|            | organ, unspecified, third trimester                        |          |      |            |            |           |                |
| 0260420    | Mataural and for out: D [Dh]                               | DV       | 10   | 4          | 450        | 244       | NAADKED        |
| O360130    | Maternal care for anti-D [Rh]                              | DX       | 10   | 4          | 159        | 241       | MARKER         |
|            | antibodies, third trimester, not applicable or unspecified |          |      |            |            |           |                |
| 0360131    |  | DX       | 10   | 4          | 160        | 241       | MARKER         |
| 0300131    | antibodies, third trimester, fetus 1                       | DΛ       | 10   | 4          | 100        | 241       | WARKER         |
| 0360132    | Maternal care for anti-D [Rh]                              | DX       | 10   | 4          | 161        | 241       | MARKER         |
| 0300132    | antibodies, third trimester, fetus 2                       | DX       | 10   | 4          | 101        | 241       | WANKER         |
| 0360133    | Maternal care for anti-D [Rh]                              | DX       | 10   | 4          | 162        | 241       | MARKER         |
| 0300133    | antibodies, third trimester, fetus 3                       | DΛ       | 10   | -          | 102        | 241       | IVII (ICCE)    |
| 0360134    | Maternal care for anti-D [Rh]                              | DX       | 10   | 4          | 163        | 241       | MARKER         |
| 0300131    | antibodies, third trimester, fetus 4                       | 57.      |      | •          | 100        |           | IVII IIIILEII  |
| O360135    | Maternal care for anti-D [Rh]                              | DX       | 10   | 4          | 164        | 241       | MARKER         |
|            | antibodies, third trimester, fetus 5                       |          |      |            |            |           |                |
| 0360139    | Maternal care for anti-D [Rh]                              | DX       | 10   | 4          | 165        | 241       | MARKER         |
|            | antibodies, third trimester, other fetus                   |          |      |            |            |           |                |
|            |  |          |      |            |            |           |                |
| O360930    | Maternal care for other rhesus                             | DX       | 10   | 4          | 166        | 241       | MARKER         |
|            | isoimmunization, third trimester, not                      |          |      |            |            |           |                |
|            | applicable or unspecified                                  |          |      |            |            |           |                |
| O360931    | Maternal care for other rhesus                             | DX       | 10   | 4          | 167        | 241       | MARKER         |
|            | isoimmunization, third trimester, fetus                    |          |      |            |            |           |                |
|            | 1  |          |      |            |            |           |                |
| O360932    | Maternal care for other rhesus                             | DX       | 10   | 4          | 168        | 241       | MARKER         |
|            | isoimmunization, third trimester, fetus                    |          |      |            |            |           |                |
|            | 2  |          |      |            |            |           |                |
| O360933    | Maternal care for other rhesus                             | DX       | 10   | 4          | 169        | 241       | MARKER         |
|            | isoimmunization, third trimester, fetus                    |          |      |            |            |           |                |
|            | 3  |          |      |            |            |           |                |



| System (F | icecs) used in the destational Age Algori   |          | ICD  |            |            |           |                |
|-----------|---|----------|------|------------|------------|-----------|----------------|
|           |   | Code     | Code |            |            | Pregnancy |                |
| Code      | Description   | Category | Туре | Priority 1 | Priority 2 | Duration  | durationanchor |
| O360934   | Maternal care for other rhesus isoimmunization, third trimester, fetus 4                | DX       | 10   | 4          | 170        | 241       | MARKER         |
| O360935   | Maternal care for other rhesus isoimmunization, third trimester, fetus 5                | DX       | 10   | 4          | 171        | 241       | MARKER         |
| O360939   | Maternal care for other rhesus isoimmunization, third trimester, other fetus            | DX       | 10   | 4          | 172        | 241       | MARKER         |
| O361130   | Maternal care for Anti-A sensitization, third trimester, not applicable or unspecified  | DX       | 10   | 4          | 173        | 241       | MARKER         |
| O361131   | Maternal care for Anti-A sensitization, third trimester, fetus 1                        | DX       | 10   | 4          | 174        | 241       | MARKER         |
| O361132   | Maternal care for Anti-A sensitization, third trimester, fetus 2                        | DX       | 10   | 4          | 175        | 241       | MARKER         |
| 0361133   | Maternal care for Anti-A sensitization, third trimester, fetus 3                        | DX       | 10   | 4          | 176        | 241       | MARKER         |
| O361134   | Maternal care for Anti-A sensitization, third trimester, fetus 4                        | DX       | 10   | 4          | 177        | 241       | MARKER         |
| O361135   | Maternal care for Anti-A sensitization, third trimester, fetus 5                        | DX       | 10   | 4          | 178        | 241       | MARKER         |
| O361139   | Maternal care for Anti-A sensitization, third trimester, other fetus                    | DX       | 10   | 4          | 179        | 241       | MARKER         |
| O361930   | Maternal care for other isoimmunization, third trimester, not applicable or unspecified | DX       | 10   | 4          | 180        | 241       | MARKER         |
| O361931   | Maternal care for other isoimmunization, third trimester, fetus 1                       | DX       | 10   | 4          | 181        | 241       | MARKER         |
| 0361932   | Maternal care for other isoimmunization, third trimester, fetus 2                       | DX       | 10   | 4          | 182        | 241       | MARKER         |
| O361933   | Maternal care for other isoimmunization, third trimester, fetus 3                       | DX       | 10   | 4          | 183        | 241       | MARKER         |
| O361934   | Maternal care for other isoimmunization, third trimester, fetus 4                       | DX       | 10   | 4          | 184        | 241       | MARKER         |
| O361935   | Maternal care for other isoimmunization, third trimester, fetus 5                       | DX       | 10   | 4          | 185        | 241       | MARKER         |



| System (11 | Cr C3/ 03ed in the destational Age Algori  |          | ICD  |            |            |           |                |
|------------|--|----------|------|------------|------------|-----------|----------------|
|            |  | Code     | Code |            |            | Pregnancy |                |
| Code       | Description  | Category | Туре | Priority 1 | Priority 2 | Duration  | durationanchor |
| O361939    | Maternal care for other isoimmunization, third trimester, other fetus  | DX       | 10   | 4          | 186        | 241       | MARKER         |
| O3623X0    | Maternal care for hydrops fetalis, third trimester, not applicable or unspecified                            | DX       | 10   | 4          | 187        | 241       | MARKER         |
| O3623X1    | Maternal care for hydrops fetalis, third trimester, fetus 1  | DX       | 10   | 4          | 188        | 241       | MARKER         |
| O3623X2    | Maternal care for hydrops fetalis, third trimester, fetus 2  | DX       | 10   | 4          | 189        | 241       | MARKER         |
| O3623X3    | Maternal care for hydrops fetalis, third trimester, fetus 3  | DX       | 10   | 4          | 190        | 241       | MARKER         |
| O3623X4    | Maternal care for hydrops fetalis, third trimester, fetus 4  | DX       | 10   | 4          | 191        | 241       | MARKER         |
| O3623X5    | Maternal care for hydrops fetalis, third trimester, fetus 5  | DX       | 10   | 4          | 192        | 241       | MARKER         |
| O3623X9    | Maternal care for hydrops fetalis, third trimester, other fetus  | DX       | 10   | 4          | 193        | 241       | MARKER         |
| O365130    | Maternal care for known or suspected placental insufficiency, third trimester, not applicable or unspecified | DX       | 10   | 4          | 194        | 241       | MARKER         |
| O365131    | Maternal care for known or suspected placental insufficiency, third trimester, fetus 1                       | DX       | 10   | 4          | 195        | 241       | MARKER         |
| O365132    | Maternal care for known or suspected placental insufficiency, third trimester, fetus 2                       | DX       | 10   | 4          | 196        | 241       | MARKER         |
| 0365133    | Maternal care for known or suspected placental insufficiency, third trimester, fetus 3                       | DX       | 10   | 4          | 197        | 241       | MARKER         |
| O365134    | Maternal care for known or suspected placental insufficiency, third trimester, fetus 4                       | DX       | 10   | 4          | 198        | 241       | MARKER         |
| O365135    | Maternal care for known or suspected placental insufficiency, third trimester, fetus 5                       | DX       | 10   | 4          | 199        | 241       | MARKER         |
| O365139    | Maternal care for known or suspected placental insufficiency, third trimester, other fetus                   | DX       | 10   | 4          | 200        | 241       | MARKER         |
| O365930    | Maternal care for other known or suspected poor fetal growth, third trimester, not applicable or unspecified | DX       | 10   | 4          | 201        | 241       | MARKER         |



|         | ,   |          | ICD  |            |            |           |                |
|---------|---|----------|------|------------|------------|-----------|----------------|
|         |   | Code     | Code |            |            | Pregnancy |                |
| Code    | Description   | Category | Туре | Priority 1 | Priority 2 | Duration  | durationanchor |
| 0365931 | Maternal care for other known or                      | DX       | 10   | 4          | 202        | 241       | MARKER         |
|         | suspected poor fetal growth, third                    |          |      |            |            |           |                |
|         | trimester, fetus 1                                    |          |      |            |            |           |                |
| O365932 | Maternal care for other known or                      | DX       | 10   | 4          | 203        | 241       | MARKER         |
|         | suspected poor fetal growth, third                    |          |      |            |            |           |                |
|         | trimester, fetus 2                                    |          |      |            |            |           |                |
| O365933 | Maternal care for other known or                      | DX       | 10   | 4          | 204        | 241       | MARKER         |
|         | suspected poor fetal growth, third                    |          |      |            |            |           |                |
| 0005004 | trimester, fetus 3                                    | 5.7      | 4.0  |            | 205        | 244       |                |
| O365934 | Maternal care for other known or                      | DX       | 10   | 4          | 205        | 241       | MARKER         |
|         | suspected poor fetal growth, third                    |          |      |            |            |           |                |
| 0265025 | trimester, fetus 4 Maternal care for other known or   | DV       | 10   | 4          | 200        | 241       | MAADKED        |
| O365935 |   | DX       | 10   | 4          | 206        | 241       | MARKER         |
|         | suspected poor fetal growth, third trimester, fetus 5 |          |      |            |            |           |                |
| 0365939 | Maternal care for other known or                      | DX       | 10   | 4          | 207        | 241       | MARKER         |
| 0303333 | suspected poor fetal growth, third                    | DA       | 10   | 4          | 207        | 241       | WANKER         |
|         | trimester, other fetus                                |          |      |            |            |           |                |
| O3663X0 | Maternal care for excessive fetal                     | DX       | 10   | 4          | 208        | 241       | MARKER         |
| 0000000 | growth, third trimester, not applicable               | 5/1      | 10   | ·          | 200        | 2.12      | 1717 11111211  |
|         | or unspecified  |          |      |            |            |           |                |
| O3663X1 | Maternal care for excessive fetal                     | DX       | 10   | 4          | 209        | 241       | MARKER         |
|         | growth, third trimester, fetus 1                      |          |      |            |            |           |                |
| O3663X2 | Maternal care for excessive fetal                     | DX       | 10   | 4          | 210        | 241       | MARKER         |
|         | growth, third trimester, fetus 2                      |          |      |            |            |           |                |
| O3663X3 | Maternal care for excessive fetal                     | DX       | 10   | 4          | 211        | 241       | MARKER         |
|         | growth, third trimester, fetus 3                      |          |      |            |            |           |                |
| O3663X4 | Maternal care for excessive fetal                     | DX       | 10   | 4          | 212        | 241       | MARKER         |
|         | growth, third trimester, fetus 4                      |          |      |            |            |           |                |
| O3663X5 | Maternal care for excessive fetal                     | DX       | 10   | 4          | 213        | 241       | MARKER         |
|         | growth, third trimester, fetus 5                      |          |      |            |            |           |                |
| O3663X9 | Maternal care for excessive fetal                     | DX       | 10   | 4          | 214        | 241       | MARKER         |
|         | growth, third trimester, other fetus                  |          |      |            |            |           |                |
| O3673X0 | Maternal care for viable fetus in                     | DX       | 10   | 4          | 215        | 241       | MARKER         |
|         | abdominal pregnancy, third trimester,                 |          |      |            |            |           |                |
|         | not applicable or unspecified                         |          |      |            |            |           |                |
| O3673X1 | Maternal care for viable fetus in                     | DX       | 10   | 4          | 216        | 241       | MARKER         |
| 030/3/1 | abdominal pregnancy, third trimester,                 | DA       | 10   | 4          | 210        | 241       | WANKER         |
|         | fetus 1   |          |      |            |            |           |                |
| O3673X2 | Maternal care for viable fetus in                     | DX       | 10   | 4          | 217        | 241       | MARKER         |
| 00075AZ | abdominal pregnancy, third trimester,                 |          | -0   | -          |            |           | THE WINEIN     |
|         | fetus 2   |          |      |            |            |           |                |
|         | -   |          |      |            |            |           |                |



| Зузсені (п | icecs) used in the destational Age Algori   |          | ICD  |            |            |           |                |
|------------|---|----------|------|------------|------------|-----------|----------------|
|            |   | Code     | Code |            |            | Pregnancy |                |
| Code       | Description   | Category | Type | Priority 1 | Priority 2 | Duration  | durationanchor |
| O3673X3    | Maternal care for viable fetus in abdominal pregnancy, third trimester, fetus 3     | DX       | 10   | 4          | 218        | 241       | MARKER         |
| O3673X4    | Maternal care for viable fetus in abdominal pregnancy, third trimester, fetus 4     | DX       | 10   | 4          | 219        | 241       | MARKER         |
| O3673X5    | Maternal care for viable fetus in abdominal pregnancy, third trimester, fetus 5     | DX       | 10   | 4          | 220        | 241       | MARKER         |
| O3673X9    | Maternal care for viable fetus in abdominal pregnancy, third trimester, other fetus | DX       | 10   | 4          | 221        | 241       | MARKER         |
| O368130    | Decreased fetal movements, third trimester, not applicable or unspecified           | DX       | 10   | 4          | 222        | 241       | MARKER         |
| O368131    | Decreased fetal movements, third trimester, fetus 1                                 | DX       | 10   | 4          | 223        | 241       | MARKER         |
| O368132    | Decreased fetal movements, third trimester, fetus 2                                 | DX       | 10   | 4          | 224        | 241       | MARKER         |
| O368133    | Decreased fetal movements, third trimester, fetus 3                                 | DX       | 10   | 4          | 225        | 241       | MARKER         |
| O368134    | Decreased fetal movements, third trimester, fetus 4                                 | DX       | 10   | 4          | 226        | 241       | MARKER         |
| O368135    | Decreased fetal movements, third trimester, fetus 5                                 | DX       | 10   | 4          | 227        | 241       | MARKER         |
| O368139    | Decreased fetal movements, third trimester, other fetus                             | DX       | 10   | 4          | 228        | 241       | MARKER         |
| O368230    | Fetal anemia and thrombocytopenia, third trimester, not applicable or unspecified   | DX       | 10   | 4          | 229        | 241       | MARKER         |
| O368231    | Fetal anemia and thrombocytopenia, third trimester, fetus 1                         | DX       | 10   | 4          | 230        | 241       | MARKER         |
| O368232    | Fetal anemia and thrombocytopenia, third trimester, fetus 2                         | DX       | 10   | 4          | 231        | 241       | MARKER         |
| O368233    | Fetal anemia and thrombocytopenia, third trimester, fetus 3                         | DX       | 10   | 4          | 232        | 241       | MARKER         |
| O368234    | •   | DX       | 10   | 4          | 233        | 241       | MARKER         |
| O368235    | Fetal anemia and thrombocytopenia, third trimester, fetus 5                         | DX       | 10   | 4          | 234        | 241       | MARKER         |
| O368239    | Fetal anemia and thrombocytopenia, third trimester, other fetus                     | DX       | 10   | 4          | 235        | 241       | MARKER         |

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| System (F | icPCS) Osed in the destational Age Algori                       | UIIII    | ICD  |            |            |           |                |
|-----------|---|----------|------|------------|------------|-----------|----------------|
|           |   | Code     | Code |            |            | Pregnancy |                |
| Code      | Description   | Category | Type | Priority 1 | Priority 2 | Duration  | durationanchor |
| 0368330   | Maternal care for abnormalities of the                          | DX       | 10   | 4          | 236        | 241       | MARKER         |
| 0300330   | fetal heart rate or rhythm, third                               | DX       | 10   | 7          | 230        | 271       | WANKER         |
|           | trimester, not applicable or unspecified                        |          |      |            |            |           |                |
|           | timester, not applicable or unspecimed                          |          |      |            |            |           |                |
| 0368331   | Maternal care for abnormalities of the                          | DX       | 10   | 4          | 237        | 241       | MARKER         |
|           | fetal heart rate or rhythm, third                               |          |      |            |            |           |                |
|           | trimester, fetus 1  |          |      |            |            |           |                |
| 0368332   | Maternal care for abnormalities of the                          | DX       | 10   | 4          | 238        | 241       | MARKER         |
|           | fetal heart rate or rhythm, third                               |          |      |            |            |           |                |
|           | trimester, fetus 2  |          |      |            |            |           |                |
| 0368333   | Maternal care for abnormalities of the                          | DX       | 10   | 4          | 239        | 241       | MARKER         |
|           | fetal heart rate or rhythm, third                               |          |      |            |            |           |                |
|           | trimester, fetus 3  |          |      |            |            |           |                |
| O368334   | Maternal care for abnormalities of the                          | DX       | 10   | 4          | 240        | 241       | MARKER         |
|           | fetal heart rate or rhythm, third                               |          |      |            |            |           |                |
|           | trimester, fetus 4  |          |      |            |            |           |                |
| O368335   | Maternal care for abnormalities of the                          | DX       | 10   | 4          | 241        | 241       | MARKER         |
|           | fetal heart rate or rhythm, third                               |          |      |            |            |           |                |
| 000000    | trimester, fetus 5  | 51/      | 4.0  |            | 2.42       | 244       |                |
| O368339   | Maternal care for abnormalities of the                          | DX       | 10   | 4          | 242        | 241       | MARKER         |
|           | fetal heart rate or rhythm, third                               |          |      |            |            |           |                |
| O368930   | trimester, other fetus  Maternal care for other specified fetal | DX       | 10   | 4          | 243        | 241       | MARKER         |
| 0306330   | problems, third trimester, not                                  | DΛ       | 10   | 4          | 243        | 241       | WARKER         |
|           | applicable or unspecified                                       |          |      |            |            |           |                |
| 0368931   | Maternal care for other specified fetal                         | DX       | 10   | 4          | 244        | 241       | MARKER         |
| 0300331   | problems, third trimester, fetus 1                              | ΣX       | 10   | •          |            |           | IVII IIIILEII  |
|           | ,   |          |      |            |            |           |                |
| 0368932   | Maternal care for other specified fetal                         | DX       | 10   | 4          | 245        | 241       | MARKER         |
|           | problems, third trimester, fetus 2                              |          |      |            |            |           |                |
|           |   |          |      |            |            |           |                |
| 0368933   | Maternal care for other specified fetal                         | DX       | 10   | 4          | 246        | 241       | MARKER         |
|           | problems, third trimester, fetus 3                              |          |      |            |            |           |                |
|           |   |          |      |            |            |           |                |
| O368934   | Maternal care for other specified fetal                         | DX       | 10   | 4          | 247        | 241       | MARKER         |
|           | problems, third trimester, fetus 4                              |          |      |            |            |           |                |
| 0050005   |   | 51/      | 4.0  |            | 2.40       | 244       |                |
| O368935   | Maternal care for other specified fetal                         | DX       | 10   | 4          | 248        | 241       | MARKER         |
|           | problems, third trimester, fetus 5                              |          |      |            |            |           |                |
| O368939   | Maternal care for other specified fetal                         | DΛ       | 10   | Λ          | 240        | 241       | MARKER         |
| 0300333   | problems, third trimester, other fetus                          | DX       | 10   | 4          | 249        | Z41       | IVIANNEN       |
|           | problems, tima timester, other letus                            |          |      |            |            |           |                |

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| System (F | icrcs) used in the Gestational Age Algori                              |          | ICD  |            |            |           |                |
|-----------|--|----------|------|------------|------------|-----------|----------------|
|           |  | Code     | Code |            |            | Pregnancy |                |
| Code      | Description  | Category | Type | Priority 1 | Priority 2 | Duration  | durationanchor |
| O3693X0   | Maternal care for fetal problem,                                       | DX       | 10   | 4          | 250        | 241       | MARKER         |
|           | unspecified, third trimester, not                                      |          |      |            |            |           |                |
| O3693X1   | applicable or unspecified  | DX       | 10   | 4          | 251        | 241       | MARKER         |
| 0303371   | Maternal care for fetal problem, unspecified, third trimester, fetus 1 | DΛ       | 10   | 4          | 231        | 241       | IVIARNER       |
| O3693X2   | Maternal care for fetal problem,                                       | DX       | 10   | 4          | 252        | 241       | MARKER         |
|           | unspecified, third trimester, fetus 2                                  |          |      |            |            |           |                |
| O3693X3   | Maternal care for fetal problem,                                       | DX       | 10   | 4          | 253        | 241       | MARKER         |
|           | unspecified, third trimester, fetus 3                                  |          |      |            |            |           |                |
| O3693X4   | Maternal care for fetal problem,                                       | DX       | 10   | 4          | 254        | 241       | MARKER         |
| O3693X5   | unspecified, third trimester, fetus 4 Maternal care for fetal problem, | DX       | 10   | 4          | 255        | 241       | MARKER         |
| 0303373   | unspecified, third trimester, fetus 5                                  | DA       | 10   | 7          | 233        | 241       | WIAINEN        |
| O3693X9   | Maternal care for fetal problem,                                       | DX       | 10   | 4          | 256        | 241       | MARKER         |
|           | unspecified, third trimester, other fetus                              |          |      |            |            |           |                |
|           |  |          |      |            |            |           |                |
| O403XX0   | Polyhydramnios, third trimester, not                                   | DX       | 10   | 4          | 257        | 241       | MARKER         |
| O403XX1   | applicable or unspecified Polyhydramnios, third trimester, fetus 1     | DX       | 10   | 4          | 258        | 241       | MARKER         |
| 0403//XI  | 1 olymydrammos, tima timiester, retus 1                                | DA       | 10   | 7          | 230        | 241       | WIAINEN        |
| O403XX2   | Polyhydramnios, third trimester, fetus 2                               | DX       | 10   | 4          | 259        | 241       | MARKER         |
|           |  |          |      |            |            |           |                |
| O403XX3   | Polyhydramnios, third trimester, fetus 3                               | DX       | 10   | 4          | 260        | 241       | MARKER         |
| O403XX4   | Polyhydramnios, third trimester, fetus 4                               | DX       | 10   | 4          | 261        | 241       | MARKER         |
| 0 1007071 | . Siyiiyaranimos) tima timiester, retas i                              | 27.      |      | ·          | 201        |           | WW.            |
| O403XX5   | Polyhydramnios, third trimester, fetus 5                               | DX       | 10   | 4          | 262        | 241       | MARKER         |
|           |  |          |      |            |            |           |                |
| O403XX9   | Polyhydramnios, third trimester, other                                 | DX       | 10   | 4          | 263        | 241       | MARKER         |
| O4103X0   | fetus Oligohydramnios, third trimester, not                            | DX       | 10   | 4          | 264        | 241       | MARKER         |
| 04103/0   | applicable or unspecified  | DX       | 10   | -          | 204        | 241       | WIANNEN        |
| O4103X1   | Oligohydramnios, third trimester, fetus                                | DX       | 10   | 4          | 265        | 241       | MARKER         |
|           | 1  |          |      |            |            |           |                |
| O4103X2   | Oligohydramnios, third trimester, fetus                                | DX       | 10   | 4          | 266        | 241       | MARKER         |
| O4103X3   | 2 Oligohydramnios, third trimester, fetus                              | DX       | 10   | 4          | 267        | 241       | MARKER         |
| 0410585   | 3  | DΛ       | 10   | 4          | 207        | 241       | MARKER         |
| O4103X4   | Oligohydramnios, third trimester, fetus                                | DX       | 10   | 4          | 268        | 241       | MARKER         |
|           | 4  |          |      |            |            |           |                |
| O4103X5   | Oligohydramnios, third trimester, fetus                                | DX       | 10   | 4          | 269        | 241       | MARKER         |
| 04405115  | 5  | 5.7      | 4.5  | _          | 272        | 244       |                |
| O4103X9   | Oligohydramnios, third trimester, other                                | DX       | 10   | 4          | 270        | 241       | MARKER         |
|           | fetus  |          |      |            |            |           |                |



| System (II         | icres, osed in the destational Age Algori                                       | C11111   | ICD      |            |            |            |                  |
|--------------------|---|----------|----------|------------|------------|------------|------------------|
|                    |   | Code     | Code     |            |            | Pregnancy  |                  |
| Code               | Description   | Category | Туре     | Priority 1 | Priority 2 | Duration   | durationanchor   |
| O411030            | Infection of amniotic sac and   | DX       | 10       | 4          | 271        | 241        | MARKER           |
|                    | membranes, unspecified, third   |          |          |            |            |            |                  |
|                    | trimester, not applicable or unspecified  |          |          |            |            |            |                  |
| O411031            | Infection of amniotic sac and   | DX       | 10       | 4          | 272        | 241        | MARKER           |
|                    | membranes, unspecified, third   |          |          |            |            |            |                  |
| O411032            | trimester, fetus 1 Infection of amniotic sac and                                | DX       | 10       | 4          | 273        | 241        | MARKER           |
| 0411032            | membranes, unspecified, third   | DΛ       | 10       | 4          | 2/3        | 241        | IVIANNEN         |
|                    | trimester, fetus 2  |          |          |            |            |            |                  |
| 0411033            | Infection of amniotic sac and   | DX       | 10       | 4          | 274        | 241        | MARKER           |
|                    | membranes, unspecified, third   |          |          |            |            |            |                  |
|                    | trimester, fetus 3  |          |          |            |            |            |                  |
| 0411034            | Infection of amniotic sac and   | DX       | 10       | 4          | 275        | 241        | MARKER           |
|                    | membranes, unspecified, third   |          |          |            |            |            |                  |
|                    | trimester, fetus 4  |          |          |            |            |            |                  |
| O411035            | Infection of amniotic sac and   | DX       | 10       | 4          | 276        | 241        | MARKER           |
|                    | membranes, unspecified, third   |          |          |            |            |            |                  |
| 0411039            | trimester, fetus 5 Infection of amniotic sac and                                | DX       | 10       | 4          | 277        | 241        | MARKER           |
| 0411039            | membranes, unspecified, third   | DΛ       | 10       | 4          | 2//        | 241        | IVIANNEN         |
|                    | trimester, other fetus  |          |          |            |            |            |                  |
| 0411230            | Chorioamnionitis, third trimester, not  | DX       | 10       | 4          | 278        | 241        | MARKER           |
|                    | applicable or unspecified   |          |          |            |            |            |                  |
| 0411231            | Chorioamnionitis, third trimester, fetus  | DX       | 10       | 4          | 279        | 241        | MARKER           |
|                    | 1   |          |          |            |            |            |                  |
| 0411232            | Chorioamnionitis, third trimester, fetus  | DX       | 10       | 4          | 280        | 241        | MARKER           |
| 0.444000           | 2   | 5.7      | 4.0      | _          | 204        | 244        |                  |
| 0411233            | Chorioamnionitis, third trimester, fetus  | DX       | 10       | 4          | 281        | 241        | MARKER           |
| 0411234            | 3 Chorioamnionitis, third trimester, fetus                                      | DX       | 10       | 4          | 282        | 241        | MARKER           |
| 0411234            | 4   | DX       | 10       | 4          | 202        | 241        | WARKER           |
| 0411235            | Chorioamnionitis, third trimester, fetus  | DX       | 10       | 4          | 283        | 241        | MARKER           |
|                    | 5   |          |          |            |            |            |                  |
| 0411239            | Chorioamnionitis, third trimester, other  | DX       | 10       | 4          | 284        | 241        | MARKER           |
|                    | fetus   |          |          |            |            |            |                  |
| 0411430            | Placentitis, third trimester, not   | DX       | 10       | 4          | 285        | 241        | MARKER           |
|                    | applicable or unspecified   |          |          |            |            |            |                  |
| 0411431            | Placentitis, third trimester, fetus 1   | DX       | 10       | 4          | 286        | 241        | MARKER           |
| 0411432            | Placentitis, third trimester, fetus 2   | DX       | 10       | 4          | 287        | 241        | MARKER           |
| 0411433            | Placentitis, third trimester, fetus 3   | DX       | 10       | 4          | 288        | 241        | MARKER           |
| O411434<br>O411435 | Placentitis, third trimester, fetus 4 Placentitis, third trimester, fetus 5     | DX<br>DX | 10<br>10 | 4          | 289<br>290 | 241<br>241 | MARKER<br>MARKER |
| O411435            | Placentitis, third trimester, retus 5 Placentitis, third trimester, other fetus | DX       | 10       | 4<br>4     | 290<br>291 | 241<br>241 | MARKER           |
| 0411433            | riacentius, tima timiester, other letus   | DΛ       | 10       | 4          | 231        | 741        | IVIANNEN         |

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| Jystem (11  | Cres, osed in the destational Age Algorit         | C11111   | ICD  |            |            |           |                |
|-------------|---|----------|------|------------|------------|-----------|----------------|
|             |   | Code     | Code |            |            | Pregnancy |                |
| Code        | Description                                       | Category | Туре | Priority 1 | Priority 2 | Duration  | durationanchor |
| O418X30     | Other specified disorders of amniotic             | DX       | 10   | 4          | 292        | 241       | MARKER         |
|             | fluid and membranes, third trimester,             |          |      |            |            |           |                |
|             | not applicable or unspecified                     |          |      |            |            |           |                |
| O418X31     | Other specified disorders of amniotic             | DX       | 10   | 4          | 293        | 241       | MARKER         |
|             | fluid and membranes, third trimester, fetus 1     |          |      |            |            |           |                |
| O418X32     | Other specified disorders of amniotic             | DX       | 10   | 4          | 294        | 241       | MARKER         |
|             | fluid and membranes, third trimester,             | _,,      |      | •          |            |           |                |
| O418X33     | fetus 2 Other specified disorders of amniotic     | DX       | 10   | 4          | 295        | 241       | MARKER         |
| 0410/33     | fluid and membranes, third trimester,             | DΛ       | 10   | 4          | 293        | 241       | WARKER         |
|             | fetus 3   |          |      |            |            |           |                |
| O418X34     |   | DX       | 10   | 4          | 296        | 241       | MARKER         |
|             | fluid and membranes, third trimester,             |          |      |            |            |           |                |
|             | fetus 4   |          |      |            |            |           |                |
| O418X35     | Other specified disorders of amniotic             | DX       | 10   | 4          | 297        | 241       | MARKER         |
|             | fluid and membranes, third trimester,             |          |      |            |            |           |                |
| 0.44.0\/2.0 | fetus 5   | DV       | 40   |            | 200        | 244       | A A A DIVED    |
| O418X39     | Other specified disorders of amniotic             | DX       | 10   | 4          | 298        | 241       | MARKER         |
|             | fluid and membranes, third trimester, other fetus |          |      |            |            |           |                |
| O4193X0     | Disorder of amniotic fluid and                    | DX       | 10   | 4          | 299        | 241       | MARKER         |
| 0.12007.0   | membranes, unspecified, third                     | 27.      |      |            |            |           |                |
|             | trimester, not applicable or unspecified          |          |      |            |            |           |                |
| O4193X1     | Disorder of amniotic fluid and                    | DX       | 10   | 4          | 300        | 241       | MARKER         |
| 04133X1     | membranes, unspecified, third                     | DΛ       | 10   | -          | 300        | 241       | IVII UUUEU     |
|             | trimester, fetus 1                                |          |      |            |            |           |                |
| O4193X2     | Disorder of amniotic fluid and                    | DX       | 10   | 4          | 301        | 241       | MARKER         |
|             | membranes, unspecified, third                     |          |      |            |            |           |                |
|             | trimester, fetus 2                                |          |      |            |            |           |                |
| O4193X3     | Disorder of amniotic fluid and                    | DX       | 10   | 4          | 302        | 241       | MARKER         |
|             | membranes, unspecified, third                     |          |      |            |            |           |                |
| O4193X4     | trimester, fetus 3 Disorder of amniotic fluid and | DX       | 10   | 4          | 303        | 241       | MARKER         |
| 0419384     | membranes, unspecified, third                     | DX       | 10   | 4          | 303        | 241       | WARKER         |
|             | trimester, fetus 4                                |          |      |            |            |           |                |
| O4193X5     | Disorder of amniotic fluid and                    | DX       | 10   | 4          | 304        | 241       | MARKER         |
|             | membranes, unspecified, third                     |          |      |            |            |           |                |
|             | trimester, fetus 5                                |          |      |            |            |           |                |
| O4193X9     | Disorder of amniotic fluid and                    | DX       | 10   | 4          | 305        | 241       | MARKER         |
|             | membranes, unspecified, third                     |          |      |            |            |           |                |
|             | trimester, other fetus                            |          |      |            |            |           |                |



| Cystem ( | ICPCS) Used in the Gestational Age Algori                     | tnm      | ICD         |            |            |           |                |
|----------|---|----------|-------------|------------|------------|-----------|----------------|
|          |   | Code     | ICD<br>Code |            |            | Pregnancy |                |
| Code     | Description   | Category | Type        | Priority 1 | Driority 2 | Duration  | durationanchor |
| O43013   | Fetomaternal placental transfusion                            | DX       | 10          | 4          | 306        | 241       | MARKER         |
| 043013   | syndrome, third trimester                                     | DΛ       | 10          | 4          | 300        | 241       | WARKER         |
| 043023   | Fetus-to-fetus placental transfusion                          | DX       | 10          | 4          | 307        | 241       | MARKER         |
| 043023   | syndrome, third trimester                                     | DA       | 10          | 7          | 307        | 271       | WANKER         |
| 043103   | Malformation of placenta, unspecified,                        | DX       | 10          | 4          | 308        | 241       | MARKER         |
| 043103   | third trimester   | DΛ       | 10          | -          | 300        | 271       | IVII (ICCE)    |
| 043113   | Circumvallate placenta, third trimester                       | DX       | 10          | 4          | 309        | 241       | MARKER         |
| 0 10220  | on our manage processes, time transcesses                     | 27.      |             | ·          |            |           |                |
| 043123   | Velamentous insertion of umbilical                            | DX       | 10          | 4          | 310        | 241       | MARKER         |
|          | cord, third trimester   |          |             |            |            |           |                |
| 043193   | Other malformation of placenta, third                         | DX       | 10          | 4          | 311        | 241       | MARKER         |
|          | trimester   |          |             |            |            |           |                |
| 043213   | Placenta accreta, third trimester                             | DX       | 10          | 4          | 312        | 241       | MARKER         |
| 043223   | Placenta increta, third trimester                             | DX       | 10          | 4          | 313        | 241       | MARKER         |
| 043233   | Placenta percreta, third trimester                            | DX       | 10          | 4          | 314        | 241       | MARKER         |
| 043813   | Placental infarction, third trimester                         | DX       | 10          | 4          | 315        | 241       | MARKER         |
| 043893   | Other placental disorders, third                              | DX       | 10          | 4          | 316        | 241       | MARKER         |
|          | trimester   |          |             |            |            |           |                |
| 04393    | Unspecified placental disorder, third                         | DX       | 10          | 4          | 317        | 241       | MARKER         |
|          | trimester   |          |             |            |            |           |                |
| O4403    | Complete placenta previa NOS or                               | DX       | 10          | 4          | 318        | 241       | MARKER         |
|          | without hemorrhage, third trimester                           |          |             |            |            |           |                |
| 04413    | Complete placenta previa with                                 | DX       | 10          | 4          | 319        | 241       | MARKER         |
|          | hemorrhage, third trimester                                   |          |             |            |            |           |                |
| O4423    | Partial placenta previa NOS or without                        | DX       | 10          | 4          | 320        | 241       | MARKER         |
| 0.4400   | hemorrhage, third trimester                                   | 51/      | 4.0         |            | 224        | 244       |                |
| O4433    | Partial placenta previa with                                  | DX       | 10          | 4          | 321        | 241       | MARKER         |
| 04442    | hemorrhage, third trimester                                   | DV       | 10          | 4          | 322        | 241       | MARKER         |
| O4443    | Low lying placenta NOS or without hemorrhage, third trimester | DX       | 10          | 4          | 322        | 241       | MARKER         |
| O4453    | <u> </u>  | DV       | 10          | 4          | 323        | 241       | MADVED         |
| 04455    | Low lying placenta with hemorrhage, third trimester           | DX       | 10          | 4          | 323        | 241       | MARKER         |
| O45003   | Premature separation of placenta with                         | DX       | 10          | 4          | 324        | 241       | MARKER         |
| 043003   | coagulation defect, unspecified, third                        | DX       | 10          | 4          | 324        | 241       | WANKEN         |
|          | trimester   |          |             |            |            |           |                |
| 045013   | Premature separation of placenta with                         | DX       | 10          | 4          | 325        | 241       | MARKER         |
| 0 13013  | afibrinogenemia, third trimester                              | DΛ       |             | •          | 323        |           | IVII IIIILEII  |
| 045023   | Premature separation of placenta with                         | DX       | 10          | 4          | 326        | 241       | MARKER         |
| - 100=0  | disseminated intravascular coagulation,                       |          |             |            |            |           |                |
|          | third trimester   |          |             |            |            |           |                |
| O45093   | Premature separation of placenta with                         | DX       | 10          | 4          | 327        | 241       | MARKER         |
|          | other coagulation defect, third                               |          |             |            |            |           |                |
|          | trimester   |          |             |            |            |           |                |
| O458X3   | Other premature separation of                                 | DX       | 10          | 4          | 328        | 241       | MARKER         |
|          | placenta, third trimester                                     |          |             |            |            |           |                |

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| Syst | em (H | ICPCS) Used in the Gestational Age Algorit                  | nm       | ICD  |            |   |           |                |
|------|-------|---|----------|------|------------|---|-----------|----------------|
|      |       |   | Code     | Code |            |   | Pregnancy |                |
| C    | ode   | Description   | Category | Type | Priority 1 | Priority 2                              | Duration  | durationanchor |
| 045  | 93    | Premature separation of placenta,                           | DX       | 10   | 4          | 329                                     | 241       | MARKER         |
|      |       | unspecified, third trimester                                |          |      |            |   |           |                |
| 046  | 003   | Antepartum hemorrhage with                                  | DX       | 10   | 4          | 330                                     | 241       | MARKER         |
|      |       | coagulation defect, unspecified, third                      |          |      |            |   |           |                |
| 046  | 012   | trimester   | DV       | 10   | 4          | 224                                     | 241       | MADKED         |
| 046  | 013   | Antepartum hemorrhage with afibrinogenemia, third trimester | DX       | 10   | 4          | 331                                     | 241       | MARKER         |
| 046  | 023   | Antepartum hemorrhage with                                  | DX       | 10   | 4          | 332                                     | 241       | MARKER         |
| 0.0  | 023   | disseminated intravascular coagulation,                     | ΣA       |      | •          | 332                                     |           | TVII TITLETT   |
|      |       | third trimester   |          |      |            |   |           |                |
| 046  | 093   | Antepartum hemorrhage with other                            | DX       | 10   | 4          | 333                                     | 241       | MARKER         |
|      |       | coagulation defect, third trimester                         |          |      |            |   |           |                |
| 046  | 8X3   | Other antepartum hemorrhage, third                          | DX       | 10   | 4          | 334                                     | 241       | MARKER         |
| 0.46 | .00   | trimester   | DV       | 40   |            | 225                                     | 244       | A A A DIVED    |
| 046  | 93    | Antepartum hemorrhage, unspecified, third trimester         | DX       | 10   | 4          | 335                                     | 241       | MARKER         |
| 047  | '03   | False labor before 37 completed weeks                       | DX       | 10   | 4          | 336                                     | 241       | MARKER         |
| 047  | 03    | of gestation, third trimester                               | DΛ       | 10   | 7          | 330                                     | 271       | WWW.           |
| 060  | 03    | Preterm labor without delivery, third                       | DX       | 10   | 4          | 337                                     | 241       | MARKER         |
|      |       | trimester   |          |      |            |   |           |                |
| 071  | .03   | Rupture of uterus before onset of labor,                    | DX       | 10   | 4          | 338                                     | 241       | MARKER         |
|      |       | third trimester   |          |      |            |   |           |                |
| 088  | 013   | Air embolism in pregnancy, third trimester                  | DX       | 10   | 4          | 339                                     | 241       | MARKER         |
| 088  | 113   | Amniotic fluid embolism in pregnancy,                       | DX       | 10   | 4          | 340                                     | 241       | MARKER         |
| 000  | 113   | third trimester   | DΛ       | 10   | 7          | 340                                     | 271       | WWW.           |
| 088  | 213   | Thromboembolism in pregnancy, third                         | DX       | 10   | 4          | 341                                     | 241       | MARKER         |
|      |       | trimester   |          |      |            |   |           |                |
| 088  | 313   | Pyemic and septic embolism in                               | DX       | 10   | 4          | 342                                     | 241       | MARKER         |
| 000  | 040   | pregnancy, third trimester                                  | DV       | 40   |            | 2.42                                    | 244       | A A A DIVED    |
| 088  | 813   | Other embolism in pregnancy, third trimester                | DX       | 10   | 4          | 343                                     | 241       | MARKER         |
| 091  | 013   | Infection of nipple associated with                         | DX       | 10   | 4          | 344                                     | 241       | MARKER         |
| 001  |       | pregnancy, third trimester                                  | 27.      |      | ·          | • |           |                |
| 091  | 113   | Abscess of breast associated with                           | DX       | 10   | 4          | 345                                     | 241       | MARKER         |
|      |       | pregnancy, third trimester                                  |          |      |            |   |           |                |
| 091  | 213   | Nonpurulent mastitis associated with                        | DX       | 10   | 4          | 346                                     | 241       | MARKER         |
| 000  | 040   | pregnancy, third trimester                                  | DV       | 40   |            | 2.47                                    | 244       | A A A DIVED    |
| 092  | 013   | Retracted nipple associated with                            | DX       | 10   | 4          | 347                                     | 241       | MARKER         |
| 092  | 112   | pregnancy, third trimester Cracked nipple associated with   | DX       | 10   | 4          | 348                                     | 241       | MARKER         |
| 552  | .110  | pregnancy, third trimester                                  | DA       | 10   | 7          | 5-10                                    | Z-7.1     | IVICHNEH       |
| 098  | 013   | Tuberculosis complicating pregnancy,                        | DX       | 10   | 4          | 349                                     | 241       | MARKER         |
|      |       | third trimester   |          |      |            |   |           |                |
|      |       |   |          |      |            |   |           |                |



| System (F | icPC3) Osed in the Gestational Age Algori   |          | ICD  |            |            |           |                |
|-----------|---|----------|------|------------|------------|-----------|----------------|
|           |   | Code     | Code |            |            | Pregnancy |                |
| Code      | Description   | Category | Type | Priority 1 | Priority 2 | Duration  | durationanchor |
| 098113    | Syphilis complicating pregnancy, third trimester  | DX       | 10   | 4          | 350        | 241       | MARKER         |
| O98213    | Gonorrhea complicating pregnancy, third trimester   | DX       | 10   | 4          | 351        | 241       | MARKER         |
| 098313    | Other infections with a predominantly sexual mode of transmission complicating pregnancy, third trimester   | DX       | 10   | 4          | 352        | 241       | MARKER         |
| O98413    | Viral hepatitis complicating pregnancy, third trimester   | DX       | 10   | 4          | 353        | 241       | MARKER         |
| O98513    | Other viral diseases complicating pregnancy, third trimester  | DX       | 10   | 4          | 354        | 241       | MARKER         |
| O98613    | Protozoal diseases complicating pregnancy, third trimester  | DX       | 10   | 4          | 355        | 241       | MARKER         |
| 098713    | Human immunodeficiency virus [HIV] disease complicating pregnancy, third trimester  | DX       | 10   | 4          | 356        | 241       | MARKER         |
| O98813    | Other maternal infectious and parasitic diseases complicating pregnancy, third trimester  | DX       | 10   | 4          | 357        | 241       | MARKER         |
| O98913    | Unspecified maternal infectious and parasitic disease complicating pregnancy, third trimester   | DX       | 10   | 4          | 358        | 241       | MARKER         |
| O99013    | Anemia complicating pregnancy, third trimester  | DX       | 10   | 4          | 359        | 241       | MARKER         |
| O99113    | Other diseases of the blood and blood-<br>forming organs and certain disorders<br>involving the immune mechanism<br>complicating pregnancy, third trimester | DX       | 10   | 4          | 360        | 241       | MARKER         |
| O99213    | Obesity complicating pregnancy, third trimester   | DX       | 10   | 4          | 361        | 241       | MARKER         |
| O99283    | Endocrine, nutritional and metabolic diseases complicating pregnancy, third trimester   | DX       | 10   | 4          | 362        | 241       | MARKER         |
| 099313    | Alcohol use complicating pregnancy, third trimester   | DX       | 10   | 4          | 363        | 241       | MARKER         |
| O99323    | Drug use complicating pregnancy, third trimester  | DX       | 10   | 4          | 364        | 241       | MARKER         |
| O99333    | Smoking (tobacco) complicating pregnancy, third trimester   | DX       | 10   | 4          | 365        | 241       | MARKER         |
| O99343    | Other mental disorders complicating pregnancy, third trimester  | DX       | 10   | 4          | 366        | 241       | MARKER         |



| System (F | icres) osed in the destational Age Algori   |          | ICD  |            |            |           |                |
|-----------|---|----------|------|------------|------------|-----------|----------------|
|           |   | Code     | Code |            |            | Pregnancy |                |
| Code      | Description   | Category | Туре | Priority 1 | Priority 2 | Duration  | durationanchor |
| O99353    | Diseases of the nervous system complicating pregnancy, third trimester  | DX       | 10   | 4          | 367        | 241       | MARKER         |
| 099413    | Diseases of the circulatory system complicating pregnancy, third trimester                                    | DX       | 10   | 4          | 368        | 241       | MARKER         |
| 099513    | Diseases of the respiratory system complicating pregnancy, third trimester                                    | DX       | 10   | 4          | 369        | 241       | MARKER         |
| O99613    | Diseases of the digestive system complicating pregnancy, third trimester                                      | DX       | 10   | 4          | 370        | 241       | MARKER         |
| 099713    | Diseases of the skin and subcutaneous tissue complicating pregnancy, third trimester                          | DX       | 10   | 4          | 371        | 241       | MARKER         |
| O99843    | Bariatric surgery status complicating pregnancy, third trimester  | DX       | 10   | 4          | 372        | 241       | MARKER         |
| O9A113    | Malignant neoplasm complicating pregnancy, third trimester  | DX       | 10   | 4          | 373        | 241       | MARKER         |
| O9A213    | Injury, poisoning and certain other consequences of external causes complicating pregnancy, third trimester   | DX       | 10   | 4          | 374        | 241       | MARKER         |
| O9A313    | Physical abuse complicating pregnancy, third trimester  | DX       | 10   | 4          | 375        | 241       | MARKER         |
| O9A413    | Sexual abuse complicating pregnancy, third trimester  | DX       | 10   | 4          | 376        | 241       | MARKER         |
| O9A513    | Psychological abuse complicating pregnancy, third trimester   | DX       | 10   | 4          | 377        | 241       | MARKER         |
| Z3403     | Encounter for supervision of normal first pregnancy, third trimester  | DX       | 10   | 4          | 378        | 241       | MARKER         |
| Z3483     | Encounter for supervision of other normal pregnancy, third trimester  | DX       | 10   | 4          | 379        | 241       | MARKER         |
| Z3493     | Encounter for supervision of normal pregnancy, unspecified, third trimester                                   | DX       | 10   | 4          | 380        | 241       | MARKER         |
| O42012    | Preterm premature rupture of membranes, onset of labor within 24 hours of rupture, second trimester           | DX       | 10   | 5          | 1          | 147       | MARKER         |
| O42112    | Preterm premature rupture of membranes, onset of labor more than 24 hours following rupture, second trimester | DX       | 10   | 5          | 2          | 147       | MARKER         |



| system (F   | HCPCS) Used in the Gestational Age Algori   | urim                       | ICD                        |                                 |   |                                 |  |
|---|---|----------------------------|----------------------------|---------------------------------|---|---------------------------------|--|
|   |   | Code                       | Code                       |                                 |   | Pregnancy                       |  |
| Code  | Description   | Category                   | Type                       | Priority 1                      | Priority 2  | Duration                        | durationanchor   |
| O42912  | Preterm premature rupture of  | DX                         | 10                         | 5                               | 3   | 147                             | MARKER   |
|   | membranes, unspecified as to length of  |                            |                            |                                 |   |                                 |  |
|   | time between rupture and onset of   |                            |                            |                                 |   |                                 |  |
| O0902   | labor, second trimester Supervision of pregnancy with history   | DX                         | 10                         | 5                               | 4   | 147                             | MARKER   |
| 00902   | of infertility, second trimester  | DX                         | 10                         | 3                               | 4   | 147                             | IVIANNEN   |
| 00912   | Supervision of pregnancy with history   | DX                         | 10                         | 5                               | 5   | 147                             | MARKER   |
|   | of ectopic pregnancy, second trimester  |                            |                            |                                 |   |                                 |  |
| 009212  | Supervision of pregnancy with history   | DX                         | 10                         | 5                               | 6   | 147                             | MARKER   |
|   | of pre-term labor, second trimester   |                            |                            |                                 |   |                                 |  |
| 009292  | Supervision of pregnancy with other   | DX                         | 10                         | 5                               | 7   | 147                             | MARKER   |
|   | poor reproductive or obstetric history, second trimester  |                            |                            |                                 |   |                                 |  |
| 00932   | Supervision of pregnancy with   | DX                         | 10                         | 5                               | 8   | 147                             | MARKER   |
|   | insufficient antenatal care, second   |                            |                            |                                 |   |                                 |  |
|   | trimester   |                            |                            |                                 |   |                                 |  |
| 00942   |   | DX                         | 10                         | 5                               | 9   | 147                             | MARKER   |
| 000512  |   | DV                         | 10                         | 5                               | 10  | 1/17                            | MADKED   |
| 009312  | second trimester  | DX                         | 10                         | 3                               | 10  | 147                             | WARKER   |
| 009522  | Supervision of elderly multigravida,  | DX                         | 10                         | 5                               | 11  | 147                             | MARKER   |
| 000013  |   | DV                         | 10                         | г                               | 12  | 1.47                            | MADKED   |
| 009612  | second trimester  | DX                         | 10                         | 5                               | 12  | 147                             | MAKKEK   |
| O09622  | Supervision of young multigravida,  | DX                         | 10                         | 5                               | 13  | 147                             | MARKER   |
| 00972   | Supervision of high risk pregnancy due  | DX                         | 10                         | 5                               | 14  | 147                             | MARKER   |
|   | to social problems, second trimester  |                            |                            |                                 |   |                                 |  |
| 009812  | Supervision of pregnancy resulting from   | DX                         | 10                         | 5                               | 15  | 147                             | MARKER   |
|   | assisted reproductive technology,   |                            |                            |                                 |   |                                 |  |
|   | second trimester  |                            |                            |                                 |   |                                 |  |
| 009822  |   | DX                         | 10                         | 5                               | 16  | 147                             | MARKER   |
|   |   |                            |                            |                                 |   |                                 |  |
| 009892  |   | DX                         | 10                         | 5                               | 17  | 147                             | MARKER   |
|   | pregnancies, second trimester   |                            |                            | -                               |   |                                 |  |
| 00992   | Supervision of high risk pregnancy,   | DX                         | 10                         | 5                               | 18  | 147                             | MARKER   |
|   | unspecified, second trimester   |                            |                            |                                 |   |                                 |  |
| O09A2   | Supervision of pregnancy with history   | DX                         | 10                         | 5                               | 19  | 147                             | MARKER   |
| 010013  | · · · · · · · · · · · · · · · · · · ·   | DV                         | 10                         | r                               | 20  | 1 17                            |  |
| 010012  |   | DΧ                         | 10                         | 5                               | 20  | 14/                             | IVIAKKEK   |
|   | trimester   |                            |                            |                                 |   |                                 |  |
| O0942 O09512 O09522 O09612 O09622 O0972 O09812 O09822 O09892 O09992 | insufficient antenatal care, second trimester Supervision of pregnancy with grand multiparity, second trimester Supervision of elderly primigravida, second trimester Supervision of elderly multigravida, second trimester Supervision of young primigravida, second trimester Supervision of young multigravida, second trimester Supervision of high risk pregnancy due to social problems, second trimester Supervision of pregnancy resulting from assisted reproductive technology, second trimester Supervision of pregnancy with history of in utero procedure during previous pregnancy, second trimester Supervision of other high risk pregnancies, second trimester Supervision of high risk pregnancy, unspecified, second trimester Supervision of pregnancy with history of molar pregnancy, second trimester Pre-existing essential hypertension complicating pregnancy, second | DX DX DX DX DX DX DX DX DX | 10 10 10 10 10 10 10 10 10 | 5<br>5<br>5<br>5<br>5<br>5<br>5 | 9<br>10<br>11<br>12<br>13<br>14<br>15<br>16<br>17<br>18 | 147 147 147 147 147 147 147 147 | MARKER MARKER MARKER MARKER MARKER MARKER MARKER MARKER MARKER |

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| System (F | icPCS) Used in the Gestational Age Algori   | CIIIII   | ICD  |            |            |           |                |
|-----------|---|----------|------|------------|------------|-----------|----------------|
|           |   | Code     | Code |            |            | Pregnancy |                |
| Code      | Description   | Category | Туре | Priority 1 | Priority 2 | Duration  | durationanchor |
| O10112    | Pre-existing hypertensive heart disease complicating pregnancy, second trimester                    | DX       | 10   | 5          | 21         | 147       | MARKER         |
| O10212    | Pre-existing hypertensive chronic kidney disease complicating pregnancy, second trimester           | DX       | 10   | 5          | 22         | 147       | MARKER         |
| O10312    | Pre-existing hypertensive heart and chronic kidney disease complicating pregnancy, second trimester | DX       | 10   | 5          | 23         | 147       | MARKER         |
| O10412    | Pre-existing secondary hypertension complicating pregnancy, second trimester                        | DX       | 10   | 5          | 24         | 147       | MARKER         |
| 010912    | Unspecified pre-existing hypertension complicating pregnancy, second trimester                      | DX       | 10   | 5          | 25         | 147       | MARKER         |
| 0112      | Pre-existing hypertension with pre-<br>eclampsia, second trimester                                  | DX       | 10   | 5          | 26         | 147       | MARKER         |
| 01202     | Gestational edema, second trimester   | DX       | 10   | 5          | 27         | 147       | MARKER         |
| 01212     | Gestational proteinuria, second trimester   | DX       | 10   | 5          | 28         | 147       | MARKER         |
| 01222     | Gestational edema with proteinuria, second trimester  | DX       | 10   | 5          | 29         | 147       | MARKER         |
| 0132      | Gestational [pregnancy-induced] hypertension without significant proteinuria, second trimester      | DX       | 10   | 5          | 30         | 147       | MARKER         |
| O1402     | Mild to moderate pre-eclampsia, second trimester  | DX       | 10   | 5          | 31         | 147       | MARKER         |
| O1412     | Severe pre-eclampsia, second trimester  | DX       | 10   | 5          | 32         | 147       | MARKER         |
| 01422     | HELLP syndrome (HELLP), second trimester  | DX       | 10   | 5          | 33         | 147       | MARKER         |
| O1492     | Unspecified pre-eclampsia, second trimester   | DX       | 10   | 5          | 34         | 147       | MARKER         |
| O1502     | Eclampsia complicating pregnancy, second trimester  | DX       | 10   | 5          | 35         | 147       | MARKER         |
| O162      | Unspecified maternal hypertension, second trimester   | DX       | 10   | 5          | 36         | 147       | MARKER         |
| O2202     | Varicose veins of lower extremity in pregnancy, second trimester                                    | DX       | 10   | 5          | 37         | 147       | MARKER         |
| O2212     | Genital varices in pregnancy, second trimester  | DX       | 10   | 5          | 38         | 147       | MARKER         |
| 02222     | Superficial thrombophlebitis in pregnancy, second trimester   | DX       | 10   | 5          | 39         | 147       | MARKER         |
| O2232     | Deep phlebothrombosis in pregnancy, second trimester  | DX       | 10   | 5          | 40         | 147       | MARKER         |

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| System (F | acres) used in the Gestational Age Algori  |          | ICD  |            |            |           |                |
|-----------|--|----------|------|------------|------------|-----------|----------------|
|           |  | Code     | Code |            |            | Pregnancy |                |
| Code      | Description  | Category | Туре | Priority 1 | Priority 2 | Duration  | durationanchor |
| O2242     | Hemorrhoids in pregnancy, second trimester   | DX       | 10   | 5          | 41         | 147       | MARKER         |
| 02252     | Cerebral venous thrombosis in pregnancy, second trimester                                  | DX       | 10   | 5          | 42         | 147       | MARKER         |
| O228X2    | Other venous complications in pregnancy, second trimester                                  | DX       | 10   | 5          | 43         | 147       | MARKER         |
| O2292     | Venous complication in pregnancy, unspecified, second trimester                            | DX       | 10   | 5          | 44         | 147       | MARKER         |
| O2302     | Infections of kidney in pregnancy, second trimester  | DX       | 10   | 5          | 45         | 147       | MARKER         |
| 02312     | Infections of bladder in pregnancy, second trimester                                       | DX       | 10   | 5          | 46         | 147       | MARKER         |
| 02322     | Infections of urethra in pregnancy, second trimester                                       | DX       | 10   | 5          | 47         | 147       | MARKER         |
| 02332     | Infections of other parts of urinary tract   | DX       | 10   | 5          | 48         | 147       | MARKER         |
| 02342     | in pregnancy, second trimester Unspecified infection of urinary tract in                   | DX       | 10   | 5          | 49         | 147       | MARKER         |
| 023512    | pregnancy, second trimester Infections of cervix in pregnancy,                             | DX       | 10   | 5          | 50         | 147       | MARKER         |
| 023522    | second trimester Salpingo-oophoritis in pregnancy,   | DX       | 10   | 5          | 51         | 147       | MARKER         |
| O23592    | second trimester Infection of other part of genital tract in                               | DX       | 10   | 5          | 52         | 147       | MARKER         |
| O2392     | pregnancy, second trimester Unspecified genitourinary tract infection in pregnancy, second | DX       | 10   | 5          | 53         | 147       | MARKER         |
| 024012    | trimester Pre-existing type 1 diabetes mellitus, in  | DX       | 10   | 5          | 54         | 147       | MARKER         |
| 024112    | pregnancy, second trimester Pre-existing type 2 diabetes mellitus, in                      | DX       | 10   | 5          | 55         | 147       | MARKER         |
| 024312    | pregnancy, second trimester Unspecified pre-existing diabetes                              | DX       | 10   | 5          | 56         | 147       | MARKER         |
|           | mellitus in pregnancy, second trimester  |          |      |            |            |           |                |
| O24812    | Other pre-existing diabetes mellitus in pregnancy, second trimester                        | DX       | 10   | 5          | 57         | 147       | MARKER         |
| O24912    | Unspecified diabetes mellitus in pregnancy, second trimester                               | DX       | 10   | 5          | 58         | 147       | MARKER         |
| 02512     | Malnutrition in pregnancy, second trimester  | DX       | 10   | 5          | 59         | 147       | MARKER         |
| O2602     | Excessive weight gain in pregnancy, second trimester                                       | DX       | 10   | 5          | 60         | 147       | MARKER         |
| 02612     | Low weight gain in pregnancy, second trimester   | DX       | 10   | 5          | 61         | 147       | MARKER         |



| System (F | HCPCS) Used in the Gestational Age Algorit                 | nm       | ICD  |            |            |           |                |
|-----------|--|----------|------|------------|------------|-----------|----------------|
|           |  | Code     | Code |            |            | Pregnancy |                |
| Code      | Description  | Category | Туре | Priority 1 | Priority 2 | Duration  | durationanchor |
| 02622     | Pregnancy care for patient with                            | DX       | 10   | 5          | 62         | 147       | MARKER         |
|           | recurrent pregnancy loss, second                           |          |      | _          |            |           |                |
|           | trimester  |          |      |            |            |           |                |
| 02632     | Retained intrauterine contraceptive                        | DX       | 10   | 5          | 63         | 147       | MARKER         |
|           | device in pregnancy, second trimester                      |          |      |            |            |           |                |
| 02642     | Herpes gestationis, second trimester                       | DX       | 10   | 5          | 64         | 147       | MARKER         |
| 02652     | Maternal hypotension syndrome,                             | DX       | 10   | 5          | 65         | 147       | MARKER         |
|           | second trimester   |          |      |            |            |           |                |
| 026612    | Liver and biliary tract disorders in                       | DX       | 10   | 5          | 66         | 147       | MARKER         |
| 000740    | pregnancy, second trimester                                | 5.7      | 4.0  | _          | 67         | 4.47      |                |
| 026712    | Subluxation of symphysis (pubis) in                        | DX       | 10   | 5          | 67         | 147       | MARKER         |
| 020012    | pregnancy, second trimester                                | DV       | 10   | _          | CO         | 1.47      | MADKED         |
| O26812    | Pregnancy related exhaustion and fatigue, second trimester | DX       | 10   | 5          | 68         | 147       | MARKER         |
| 026822    | Pregnancy related peripheral neuritis,                     | DX       | 10   | 5          | 69         | 147       | MARKER         |
| 020022    | second trimester   | DX       | 10   | J          | 03         | 147       | WANKEN         |
| 026832    | Pregnancy related renal disease, second                    | DX       | 10   | 5          | 70         | 147       | MARKER         |
| 020002    | trimester  | 27.      | 10   | J          | , 0        | 2.,       | TVII TITLE     |
| 026842    | Uterine size-date discrepancy, second                      | DX       | 10   | 5          | 71         | 147       | MARKER         |
|           | trimester  |          |      |            |            |           |                |
| 026852    | Spotting complicating pregnancy,                           | DX       | 10   | 5          | 72         | 147       | MARKER         |
|           | second trimester   |          |      |            |            |           |                |
| 026872    | Cervical shortening, second trimester                      | DX       | 10   | 5          | 73         | 147       | MARKER         |
| O26892    | Other specified pregnancy related                          | DX       | 10   | 5          | 74         | 147       | MARKER         |
|           | conditions, second trimester                               |          |      |            |            |           |                |
| O2692     | Pregnancy related conditions,                              | DX       | 10   | 5          | 75         | 147       | MARKER         |
| 000010    | unspecified, second trimester                              | 5.4      | 4.0  | _          | 7.0        | 4.47      |                |
| O29012    | Aspiration pneumonitis due to                              | DX       | 10   | 5          | 76         | 147       | MARKER         |
|           | anesthesia during pregnancy, second                        |          |      |            |            |           |                |
| O29022    | trimester Pressure collapse of lung due to                 | DX       | 10   | 5          | 77         | 147       | MARKER         |
| 029022    | anesthesia during pregnancy, second                        | DX       | 10   | 3          | //         | 147       | WARKER         |
|           | trimester  |          |      |            |            |           |                |
| 029092    | Other pulmonary complications of                           | DX       | 10   | 5          | 78         | 147       | MARKER         |
| 010001    | anesthesia during pregnancy, second                        |          | 0    | · ·        |            | ,         |                |
|           | trimester  |          |      |            |            |           |                |
| 029112    | Cardiac arrest due to anesthesia during                    | DX       | 10   | 5          | 79         | 147       | MARKER         |
|           | pregnancy, second trimester                                |          |      |            |            |           |                |
| 029122    | Cardiac failure due to anesthesia during                   | DX       | 10   | 5          | 80         | 147       | MARKER         |
|           | pregnancy, second trimester                                |          |      |            |            |           |                |
| 029192    | Other cardiac complications of                             | DX       | 10   | 5          | 81         | 147       | MARKER         |
|           | anesthesia during pregnancy, second                        |          |      |            |            |           |                |
|           | trimester  |          |      |            |            |           |                |
| 029212    | Cerebral anoxia due to anesthesia                          | DX       | 10   | 5          | 82         | 147       | MARKER         |
|           | during pregnancy, second trimester                         |          |      |            |            |           |                |

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| Jystein (i | ici co) osed iii the destational Age Algori   |          | ICD  |            |            |           |                |
|------------|---|----------|------|------------|------------|-----------|----------------|
|            |   | Code     | Code |            |            | Pregnancy |                |
| Code       | Description   | Category | Туре | Priority 1 | Priority 2 | Duration  | durationanchor |
| O29292     | Other central nervous system complications of anesthesia during pregnancy, second trimester                 | DX       | 10   | 5          | 83         | 147       | MARKER         |
| O293X2     | Toxic reaction to local anesthesia during pregnancy, second trimester                                       | DX       | 10   | 5          | 84         | 147       | MARKER         |
| O2942      | Spinal and epidural anesthesia induced headache during pregnancy, second trimester                          | DX       | 10   | 5          | 85         | 147       | MARKER         |
| O295X2     | Other complications of spinal and epidural anesthesia during pregnancy, second trimester                    | DX       | 10   | 5          | 86         | 147       | MARKER         |
| O2962      | Failed or difficult intubation for anesthesia during pregnancy, second trimester                            | DX       | 10   | 5          | 87         | 147       | MARKER         |
| O298X2     | Other complications of anesthesia during pregnancy, second trimester  | DX       | 10   | 5          | 88         | 147       | MARKER         |
| O2992      | Unspecified complication of anesthesia during pregnancy, second trimester                                   | DX       | 10   | 5          | 89         | 147       | MARKER         |
| O30002     | Twin pregnancy, unspecified number of placenta and unspecified number of amniotic sacs, second trimester    | DX       | 10   | 5          | 90         | 147       | MARKER         |
| O30012     | Twin pregnancy,<br>monochorionic/monoamniotic, second<br>trimester  | DX       | 10   | 5          | 91         | 147       | MARKER         |
| O30022     | Conjoined twin pregnancy, second trimester  | DX       | 10   | 5          | 92         | 147       | MARKER         |
| O30032     | Twin pregnancy,<br>monochorionic/diamniotic, second<br>trimester  | DX       | 10   | 5          | 93         | 147       | MARKER         |
| O30042     | Twin pregnancy, dichorionic/diamniotic, second trimester  | DX       | 10   | 5          | 94         | 147       | MARKER         |
| O30092     | Twin pregnancy, unable to determine number of placenta and number of amniotic sacs, second trimester        | DX       | 10   | 5          | 95         | 147       | MARKER         |
| O30102     | Triplet pregnancy, unspecified number of placenta and unspecified number of amniotic sacs, second trimester | DX       | 10   | 5          | 96         | 147       | MARKER         |
| O30112     | Triplet pregnancy with two or more monochorionic fetuses, second trimester                                  | DX       | 10   | 5          | 97         | 147       | MARKER         |



|        | is to to the second of the sec |                  | ICD          |              |            |                       |                |
|--------|--|------------------|--------------|--------------|------------|-----------------------|----------------|
| Code   | Description  | Code<br>Category | Code<br>Type | Priority 1 F | Priority 2 | Pregnancy<br>Duration | durationanchor |
| 030122 | Triplet pregnancy with two or more   | DX               | 10           | 5            | 98         | 147                   | MARKER         |
|        | monoamniotic fetuses, second<br>trimester  |                  |              | -            |            |                       |                |
| O30132 | Triplet pregnancy,<br>trichorionic/triamniotic, second<br>trimester  | DX               | 10           | 5            | 99         | 147                   | MARKER         |
| 030192 | Triplet pregnancy, unable to determine number of placenta and number of amniotic sacs, second trimester  | DX               | 10           | 5            | 100        | 147                   | MARKER         |
| O30202 | Quadruplet pregnancy, unspecified number of placenta and unspecified number of amniotic sacs, second trimester   | DX               | 10           | 5            | 101        | 147                   | MARKER         |
| O30212 | Quadruplet pregnancy with two or more monochorionic fetuses, second trimester  | DX               | 10           | 5            | 102        | 147                   | MARKER         |
| O30222 | Quadruplet pregnancy with two or more monoamniotic fetuses, second trimester   | DX               | 10           | 5            | 103        | 147                   | MARKER         |
| O30232 | Quadruplet pregnancy,<br>quadrachorionic/quadra-amniotic,<br>second trimester  | DX               | 10           | 5            | 104        | 147                   | MARKER         |
| O30292 | Quadruplet pregnancy, unable to determine number of placenta and number of amniotic sacs, second trimester   | DX               | 10           | 5            | 105        | 147                   | MARKER         |
| O30802 | Other specified multiple gestation, unspecified number of placenta and unspecified number of amniotic sacs, second trimester   | DX               | 10           | 5            | 106        | 147                   | MARKER         |
| O30812 | Other specified multiple gestation with two or more monochorionic fetuses, second trimester  | DX               | 10           | 5            | 107        | 147                   | MARKER         |
| O30822 | Other specified multiple gestation with two or more monoamniotic fetuses, second trimester   | DX               | 10           | 5            | 108        | 147                   | MARKER         |
| O30832 | Other specified multiple gestation,<br>number of chorions and amnions are<br>both equal to the number of fetuses,<br>second trimester  | DX               | 10           | 5            | 109        | 147                   | MARKER         |
| O30892 | Other specified multiple gestation, unable to determine number of placenta and number of amniotic sacs, second trimester   | DX               | 10           | 5            | 110        | 147                   | MARKER         |



| System (11 | Cres, osed in the destational Age Algori   |          | ICD  |            |            |           |                |
|------------|--|----------|------|------------|------------|-----------|----------------|
|            |  | Code     | Code |            |            | Pregnancy |                |
| Code       | Description  | Category | Туре | Priority 1 | Priority 2 | Duration  | durationanchor |
| O3092      | Multiple gestation, unspecified, second  | DX       | 10   | 5          | 111        | 147       | MARKER         |
|            | trimester  |          |      |            |            |           |                |
| O3102X0    | Papyraceous fetus, second trimester,   | DX       | 10   | 5          | 112        | 147       | MARKER         |
|            | not applicable or unspecified  |          |      | _          |            |           |                |
| O3102X1    | Papyraceous fetus, second trimester,   | DX       | 10   | 5          | 113        | 147       | MARKER         |
| 024021/2   | fetus 1  | DV       | 4.0  | -          | 444        | 4.47      | 144 DVED       |
| U31U2X2    | Papyraceous fetus, second trimester, fetus 2   | DX       | 10   | 5          | 114        | 147       | MARKER         |
| O3102X3    | Papyraceous fetus, second trimester,   | DX       | 10   | 5          | 115        | 147       | MARKER         |
| U31U2N3    | fetus 3  | DΛ       | 10   | J          | 113        | 147       | WARKER         |
| O3102X4    |  | DX       | 10   | 5          | 116        | 147       | MARKER         |
| 00101/11   | fetus 4  |          |      | J          |            |           |                |
| O3102X5    | Papyraceous fetus, second trimester,   | DX       | 10   | 5          | 117        | 147       | MARKER         |
|            | fetus 5  |          |      |            |            |           |                |
| O3102X9    | Papyraceous fetus, second trimester,   | DX       | 10   | 5          | 118        | 147       | MARKER         |
|            | other fetus  |          |      |            |            |           |                |
| O3112X0    | Continuing pregnancy after   | DX       | 10   | 5          | 119        | 147       | MARKER         |
|            | spontaneous abortion of one fetus or   |          |      |            |            |           |                |
|            | more, second trimester, not applicable   |          |      |            |            |           |                |
|            | or unspecified   |          |      | _          |            |           |                |
| O3112X1    | Continuing pregnancy after   | DX       | 10   | 5          | 120        | 147       | MARKER         |
|            | spontaneous abortion of one fetus or   |          |      |            |            |           |                |
| O2112V2    | more, second trimester, fetus 1 Continuing pregnancy after   | DX       | 10   | 5          | 121        | 147       | MARKER         |
| U3112A2    | spontaneous abortion of one fetus or   | DΛ       | 10   | J          | 121        | 147       | WARKER         |
|            | more, second trimester, fetus 2  |          |      |            |            |           |                |
| O3112X3    | Continuing pregnancy after   | DX       | 10   | 5          | 122        | 147       | MARKER         |
| 00111/10   | spontaneous abortion of one fetus or   |          |      | J          |            |           |                |
|            | more, second trimester, fetus 3  |          |      |            |            |           |                |
| O3112X4    | Continuing pregnancy after   | DX       | 10   | 5          | 123        | 147       | MARKER         |
|            | spontaneous abortion of one fetus or   |          |      |            |            |           |                |
|            | more, second trimester, fetus 4  |          |      |            |            |           |                |
| O3112X5    | Continuing pregnancy after   | DX       | 10   | 5          | 124        | 147       | MARKER         |
|            | spontaneous abortion of one fetus or   |          |      |            |            |           |                |
| 0044000    | more, second trimester, fetus 5  | 5.7      | 4.0  | _          | 405        | 4.47      |                |
| O3112X9    | Continuing pregnancy after   | DX       | 10   | 5          | 125        | 147       | MARKER         |
|            | spontaneous abortion of one fetus or   |          |      |            |            |           |                |
| O3122X0    | more, second trimester, other fetus Continuing pregnancy after intrauterine  | DX       | 10   | 5          | 126        | 147       | MARKER         |
| 0312270    | death of one fetus or more, second   | DX       | 10   | 3          | 120        | 147       | WANKEN         |
|            | trimester, not applicable or unspecified   |          |      |            |            |           |                |
|            | in the second se |          |      |            |            |           |                |
| O3122X1    | Continuing pregnancy after intrauterine  | DX       | 10   | 5          | 127        | 147       | MARKER         |
|            | death of one fetus or more, second   |          |      |            |            |           |                |
|            | trimester, fetus 1   |          |      |            |            |           |                |
|            |  |          |      |            |            |           |                |

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| System (n | icPCS) Osed in the destational Age Algorit  | ,11111   | ICD  | _          | -          | _         |                |
|-----------|---|----------|------|------------|------------|-----------|----------------|
|           |   | Code     | Code |            |            | Pregnancy |                |
| Code      | Description   | Category | Type | Priority 1 | Priority 2 | Duration  | durationanchor |
|           | Continuing pregnancy after intrauterine death of one fetus or more, second trimester, fetus 2                             | DX       | 10   | 5          | 128        | 147       | MARKER         |
| O3122X3   | Continuing pregnancy after intrauterine death of one fetus or more, second trimester, fetus 3                             | DX       | 10   | 5          | 129        | 147       | MARKER         |
| O3122X4   | Continuing pregnancy after intrauterine death of one fetus or more, second trimester, fetus 4                             | DX       | 10   | 5          | 130        | 147       | MARKER         |
| O3122X5   | Continuing pregnancy after intrauterine death of one fetus or more, second trimester, fetus 5                             | DX       | 10   | 5          | 131        | 147       | MARKER         |
| O3122X9   | Continuing pregnancy after intrauterine death of one fetus or more, second trimester, other fetus                         | DX       | 10   | 5          | 132        | 147       | MARKER         |
| O3132X0   | Continuing pregnancy after elective fetal reduction of one fetus or more, second trimester, not applicable or unspecified | DX       | 10   | 5          | 133        | 147       | MARKER         |
| O3132X1   | Continuing pregnancy after elective fetal reduction of one fetus or more, second trimester, fetus 1                       | DX       | 10   | 5          | 134        | 147       | MARKER         |
| O3132X2   | Continuing pregnancy after elective fetal reduction of one fetus or more, second trimester, fetus 2                       | DX       | 10   | 5          | 135        | 147       | MARKER         |
| O3132X3   | Continuing pregnancy after elective fetal reduction of one fetus or more, second trimester, fetus 3                       | DX       | 10   | 5          | 136        | 147       | MARKER         |
| O3132X4   | Continuing pregnancy after elective fetal reduction of one fetus or more, second trimester, fetus 4                       | DX       | 10   | 5          | 137        | 147       | MARKER         |
| O3132X5   | Continuing pregnancy after elective fetal reduction of one fetus or more, second trimester, fetus 5                       | DX       | 10   | 5          | 138        | 147       | MARKER         |
| O3132X9   | Continuing pregnancy after elective fetal reduction of one fetus or more, second trimester, other fetus                   | DX       | 10   | 5          | 139        | 147       | MARKER         |
| O318X20   | Other complications specific to multiple gestation, second trimester, not applicable or unspecified                       | DX       | 10   | 5          | 140        | 147       | MARKER         |
| O318X21   | Other complications specific to multiple gestation, second trimester, fetus 1   | DX       | 10   | 5          | 141        | 147       | MARKER         |

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| System (n | icPCS) Used in the Gestational Age Algori   | LIIIII   | ICD  |            |            |           |                |
|-----------|---|----------|------|------------|------------|-----------|----------------|
|           |   | Code     | Code |            |            | Pregnancy |                |
| Code      | Description   | Category | Туре | Priority 1 | Priority 2 | Duration  | durationanchor |
| O318X22   | Other complications specific to multiple gestation, second trimester, fetus 2     | DX       | 10   | 5          | 142        | 147       | MARKER         |
| O318X23   | Other complications specific to multiple gestation, second trimester, fetus 3     | DX       | 10   | 5          | 143        | 147       | MARKER         |
| O318X24   | Other complications specific to multiple gestation, second trimester, fetus 4     | DX       | 10   | 5          | 144        | 147       | MARKER         |
| O318X25   | Other complications specific to multiple gestation, second trimester, fetus 5     | DX       | 10   | 5          | 145        | 147       | MARKER         |
| O318X29   | Other complications specific to multiple gestation, second trimester, other fetus | DX       | 10   | 5          | 146        | 147       | MARKER         |
| O3402     | Maternal care for unspecified congenital malformation of uterus, second trimester | DX       | 10   | 5          | 147        | 147       | MARKER         |
| O3412     | Maternal care for benign tumor of corpus uteri, second trimester                  | DX       | 10   | 5          | 148        | 147       | MARKER         |
| O3432     | Maternal care for cervical incompetence, second trimester                         | DX       | 10   | 5          | 149        | 147       | MARKER         |
| O3442     | Maternal care for other abnormalities of cervix, second trimester                 | DX       | 10   | 5          | 150        | 147       | MARKER         |
| 034512    | Maternal care for incarceration of gravid uterus, second trimester                | DX       | 10   | 5          | 151        | 147       | MARKER         |
| O34522    | Maternal care for prolapse of gravid uterus, second trimester                     | DX       | 10   | 5          | 152        | 147       | MARKER         |
| O34532    | Maternal care for retroversion of gravid uterus, second trimester                 | DX       | 10   | 5          | 153        | 147       | MARKER         |
| O34592    | Maternal care for other abnormalities of gravid uterus, second trimester          | DX       | 10   | 5          | 154        | 147       | MARKER         |
| O3462     | Maternal care for abnormality of vagina, second trimester                         | DX       | 10   | 5          | 155        | 147       | MARKER         |
| 03472     | Maternal care for abnormality of vulva and perineum, second trimester             | DX       | 10   | 5          | 156        | 147       | MARKER         |
| O3482     | Maternal care for other abnormalities of pelvic organs, second trimester          | DX       | 10   | 5          | 157        | 147       | MARKER         |
| O3492     | Maternal care for abnormality of pelvic organ, unspecified, second trimester      | DX       | 10   | 5          | 158        | 147       | MARKER         |



| System (H | ICPCS) Used in the Gestational Age Algori | tnm              | 165          |            |            |                       |                |
|-----------|---|------------------|--------------|------------|------------|-----------------------|----------------|
|           |   | Code             | ICD          |            |            | Due su - v - v        |                |
| Code      | Description                               | Code<br>Category | Code<br>Type | Driority 1 | Priority 2 | Pregnancy<br>Duration | durationanchor |
| O360120   | Maternal care for anti-D [Rh]             | DX               | 10           | 5          | 159        | 147                   | MARKER         |
| 0360120   | antibodies, second trimester, not         | DX               | 10           | 5          | 159        | 147                   | WARKER         |
|           | applicable or unspecified                 |                  |              |            |            |                       |                |
| 0360121   | Maternal care for anti-D [Rh]             | DX               | 10           | 5          | 160        | 147                   | MARKER         |
| 0300121   | antibodies, second trimester, fetus 1     | DΛ               | 10           | 3          | 100        | 147                   | WARKER         |
| 0360122   | Maternal care for anti-D [Rh]             | DX               | 10           | 5          | 161        | 147                   | MARKER         |
| 0300122   | antibodies, second trimester, fetus 2     | DΛ               | 10           | 3          | 101        | 147                   | WARKER         |
| O360123   | Maternal care for anti-D [Rh]             | DX               | 10           | 5          | 162        | 147                   | MARKER         |
| 0300123   | antibodies, second trimester, fetus 3     | DA               | 10           | 3          | 102        | 147                   | WARKER         |
| O360124   | Maternal care for anti-D [Rh]             | DX               | 10           | 5          | 163        | 147                   | MARKER         |
| 0300124   | antibodies, second trimester, fetus 4     | DX               | 10           | 3          | 103        | 147                   | WARKER         |
| O360125   | Maternal care for anti-D [Rh]             | DX               | 10           | 5          | 164        | 147                   | MARKER         |
| 0300123   | antibodies, second trimester, fetus 5     | DΛ               | 10           | 3          | 104        | 147                   | IVII UUUEU     |
| 0360129   | Maternal care for anti-D [Rh]             | DX               | 10           | 5          | 165        | 147                   | MARKER         |
| 0000123   | antibodies, second trimester, other       | DΛ               |              | 3          | 100        | 2.,                   | IVII UUULU     |
|           | fetus                                     |                  |              |            |            |                       |                |
| 0360920   | Maternal care for other rhesus            | DX               | 10           | 5          | 166        | 147                   | MARKER         |
| 00000     | isoimmunization, second trimester, not    | 27.              |              | •          |            |                       |                |
|           | applicable or unspecified                 |                  |              |            |            |                       |                |
| 0360921   | Maternal care for other rhesus            | DX               | 10           | 5          | 167        | 147                   | MARKER         |
|           | isoimmunization, second trimester,        |                  |              |            |            |                       |                |
|           | fetus 1                                   |                  |              |            |            |                       |                |
| 0360922   | Maternal care for other rhesus            | DX               | 10           | 5          | 168        | 147                   | MARKER         |
|           | isoimmunization, second trimester,        |                  |              |            |            |                       |                |
|           | fetus 2                                   |                  |              |            |            |                       |                |
| O360923   | Maternal care for other rhesus            | DX               | 10           | 5          | 169        | 147                   | MARKER         |
|           | isoimmunization, second trimester,        |                  |              |            |            |                       |                |
|           | fetus 3                                   |                  |              |            |            |                       |                |
| 0360924   | Maternal care for other rhesus            | DX               | 10           | 5          | 170        | 147                   | MARKER         |
|           | isoimmunization, second trimester,        |                  |              |            |            |                       |                |
|           | fetus 4                                   |                  |              |            |            |                       |                |
| O360925   | Maternal care for other rhesus            | DX               | 10           | 5          | 171        | 147                   | MARKER         |
|           | isoimmunization, second trimester,        |                  |              |            |            |                       |                |
|           | fetus 5                                   |                  |              |            |            |                       |                |
| O360929   | Maternal care for other rhesus            | DX               | 10           | 5          | 172        | 147                   | MARKER         |
|           | isoimmunization, second trimester,        |                  |              |            |            |                       |                |
|           | other fetus                               |                  |              |            |            |                       |                |
| 0361120   | Maternal care for Anti-A sensitization,   | DX               | 10           | 5          | 173        | 147                   | MARKER         |
|           | second trimester, not applicable or       |                  |              |            |            |                       |                |
|           | unspecified                               |                  |              |            |            |                       |                |
| 0361121   | Maternal care for Anti-A sensitization,   | DX               | 10           | 5          | 174        | 147                   | MARKER         |
|           | second trimester, fetus 1                 |                  |              |            |            |                       |                |



| Jystem (11 | Cres, osed in the destational Age Algori   | C11111   | ICD  |            |            |           |                |
|------------|--|----------|------|------------|------------|-----------|----------------|
|            |  | Code     | Code |            |            | Pregnancy |                |
| Code       | Description  | Category | Туре | Priority 1 | Priority 2 | Duration  | durationanchor |
| 0361122    | Maternal care for Anti-A sensitization, second trimester, fetus 2                        | DX       | 10   | 5          | 175        | 147       | MARKER         |
| O361123    | Maternal care for Anti-A sensitization, second trimester, fetus 3                        | DX       | 10   | 5          | 176        | 147       | MARKER         |
| 0361124    | Maternal care for Anti-A sensitization, second trimester, fetus 4                        | DX       | 10   | 5          | 177        | 147       | MARKER         |
| O361125    | Maternal care for Anti-A sensitization, second trimester, fetus 5                        | DX       | 10   | 5          | 178        | 147       | MARKER         |
| O361129    | Maternal care for Anti-A sensitization, second trimester, other fetus                    | DX       | 10   | 5          | 179        | 147       | MARKER         |
| O361920    | Maternal care for other isoimmunization, second trimester, not applicable or unspecified | DX       | 10   | 5          | 180        | 147       | MARKER         |
| O361921    | Maternal care for other isoimmunization, second trimester, fetus 1                       | DX       | 10   | 5          | 181        | 147       | MARKER         |
| O361922    | Maternal care for other isoimmunization, second trimester, fetus 2                       | DX       | 10   | 5          | 182        | 147       | MARKER         |
| O361923    | Maternal care for other isoimmunization, second trimester, fetus 3                       | DX       | 10   | 5          | 183        | 147       | MARKER         |
| O361924    | Maternal care for other isoimmunization, second trimester, fetus 4                       | DX       | 10   | 5          | 184        | 147       | MARKER         |
| 0361925    | Maternal care for other isoimmunization, second trimester, fetus 5                       | DX       | 10   | 5          | 185        | 147       | MARKER         |
| O361929    | Maternal care for other isoimmunization, second trimester, other fetus                   | DX       | 10   | 5          | 186        | 147       | MARKER         |
| O3622X0    | Maternal care for hydrops fetalis, second trimester, not applicable or unspecified       | DX       | 10   | 5          | 187        | 147       | MARKER         |
|            | Maternal care for hydrops fetalis, second trimester, fetus 1                             | DX       | 10   | 5          | 188        | 147       | MARKER         |
|            | Maternal care for hydrops fetalis, second trimester, fetus 2                             | DX       | 10   | 5          | 189        | 147       | MARKER         |
| O3622X3    | Maternal care for hydrops fetalis, second trimester, fetus 3                             | DX       | 10   | 5          | 190        | 147       | MARKER         |



|  |   | ICD  |  |   |   |   |
|--|---|--|--|---|---|---|
|  | Code  | Code   |  |   | Pregnancy   |   |
| Description  | Category  | Туре   | Priority 1   | Priority 2  | Duration  | durationanchor  |
| Maternal care for hydrops fetalis,   | DX  | 10   | 5  | 191   | 147   | MARKER  |
| econd trimester, fetus 4   |   |  |  |   |   |   |
|  | DX  | 10   | 5  | 192   | 147   | MARKER  |
|  |   |  | _  |   |   |   |
|  | DX  | 10   | 5  | 193   | 147   | MARKER  |
| •  | DV  | 10   | -  | 104   | 1.47  | MARKER  |
| •  | DΛ  | 10   | 5  | 194   | 147   | IVIARNER  |
| ·  |   |  |  |   |   |   |
| innester, not approable of anspeamed   |   |  |  |   |   |   |
| Maternal care for known or suspected   | DX  | 10   | 5  | 195   | 147   | MARKER  |
| placental insufficiency, second  |   |  |  |   |   |   |
| rimester, fetus 1  |   |  |  |   |   |   |
| •  | DX  | 10   | 5  | 196   | 147   | MARKER  |
| ·  |   |  |  |   |   |   |
| •  | DV  | 10   | -  | 107   | 4.47  | A A A DIVED   |
|  | DX  | 10   | 5  | 197   | 147   | MARKER  |
| • •  |   |  |  |   |   |   |
|  | DX  | 10   | 5  | 198   | 147   | MARKER  |
| placental insufficiency, second  |   |  |  |   |   |   |
| rimester, fetus 4  |   |  |  |   |   |   |
| Maternal care for known or suspected   | DX  | 10   | 5  | 199   | 147   | MARKER  |
| placental insufficiency, second  |   |  |  |   |   |   |
|  |   |  | _  |   |   |   |
| •  | DX  | 10   | 5  | 200   | 147   | MARKER  |
| • •  |   |  |  |   |   |   |
| •  | DX  | 10   | 5  | 201   | 147   | MARKER  |
|  | 27.   | 10   | 3  | 201   | 2.,   |   |
| rimester, not applicable or unspecified  |   |  |  |   |   |   |
|  |   |  |  |   |   |   |
| Maternal care for other known or   | DX  | 10   | 5  | 202   | 147   | MARKER  |
|  |   |  |  |   |   |   |
| · · · · · · · · · · · · · · · · · · ·  | D.V   | 40   | _  | 202   | 4.47  | A A A DIVED   |
|  | DX  | 10   | 5  | 203   | 147   | MARKER  |
|  |   |  |  |   |   |   |
|  | DX  | 10   | 5  | 204   | 147   | MARKER  |
|  |   |  | -  |   |   |   |
| rimester, fetus 3  |   |  |  |   |   |   |
| Maternal care for other known or   | DX  | 10   | 5  | 205   | 147   | MARKER  |
| uspected poor fetal growth, second   |   |  |  |   |   |   |
| rimester, fetus 4  |   |  |  |   |   |   |
| TV 6 V 6 V 0 T V 0 | Maternal care for hydrops fetalis, econd trimester, fetus 4 Maternal care for hydrops fetalis, econd trimester, fetus 5 Maternal care for hydrops fetalis, econd trimester, other fetus Maternal care for known or suspected lacental insufficiency, second rimester, not applicable or unspecified Maternal care for known or suspected lacental insufficiency, second rimester, fetus 1 Maternal care for known or suspected lacental insufficiency, second rimester, fetus 2 Maternal care for known or suspected lacental insufficiency, second rimester, fetus 3 Maternal care for known or suspected lacental insufficiency, second rimester, fetus 4 Maternal care for known or suspected lacental insufficiency, second rimester, fetus 5 Maternal care for known or suspected lacental insufficiency, second rimester, fetus 5 Maternal care for known or suspected lacental insufficiency, second rimester, other fetus Maternal care for other known or uspected poor fetal growth, second rimester, not applicable or unspecified Maternal care for other known or uspected poor fetal growth, second rimester, fetus 1 Maternal care for other known or uspected poor fetal growth, second rimester, fetus 2 Maternal care for other known or uspected poor fetal growth, second rimester, fetus 3 Maternal care for other known or uspected poor fetal growth, second rimester, fetus 3 Maternal care for other known or uspected poor fetal growth, second rimester, fetus 3 Maternal care for other known or uspected poor fetal growth, second rimester, fetus 3 Maternal care for other known or uspected poor fetal growth, second rimester, fetus 3 Maternal care for other known or uspected poor fetal growth, second rimester, fetus 3 Maternal care for other known or uspected poor fetal growth, second | Maternal care for hydrops fetalis, econd trimester, fetus 4 Maternal care for hydrops fetalis, econd trimester, fetus 5 Maternal care for hydrops fetalis, econd trimester, fetus 5 Maternal care for hydrops fetalis, econd trimester, other fetus Maternal care for known or suspected Maternal care for other known or Maternal c | Adternal care for known or suspected lacental insufficiency, second trimester, fetus 2 Adaternal care for known or suspected lacental insufficiency, second trimester, fetus 3 Adaternal care for known or suspected lacental insufficiency, second trimester, fetus 5 Adaternal care for known or suspected lacental insufficiency, second trimester, not applicable or unspecified  Adaternal care for known or suspected lacental insufficiency, second trimester, fetus 1 Adaternal care for known or suspected lacental insufficiency, second trimester, fetus 2 Adaternal care for known or suspected lacental insufficiency, second trimester, fetus 3 Adaternal care for known or suspected lacental insufficiency, second trimester, fetus 4 Adaternal care for known or suspected lacental insufficiency, second trimester, fetus 5 Adaternal care for known or suspected lacental insufficiency, second trimester, other fetus Adaternal care for known or suspected lacental insufficiency, second trimester, other fetus Adaternal care for other known or lox 10 Adaternal care for othe | Asternal care for known or suspected lacental insufficiency, second rimester, fetus 2 Asternal care for known or suspected lacental insufficiency, second rimester, fetus 5 Asternal care for known or suspected lacental insufficiency, second rimester, fetus 5 Asternal care for known or suspected lacental insufficiency, second rimester, fetus 5 Asternal care for known or suspected DX 10 5 Asternal care for known or suspected lacental insufficiency, second rimester, fetus 1 Asternal care for known or suspected DX 10 5 Asternal care for known or suspected DX 10 5 Asternal care for known or suspected DX 10 5 Asternal care for known or suspected DX 10 5 Asternal care for known or suspected DX 10 5 Asternal care for known or suspected DX 10 5 Asternal care for known or suspected DX 10 5 Asternal care for known or suspected DX 10 5 Asternal care for known or suspected DX 10 5 Asternal care for known or suspected DX 10 5 Asternal care for known or suspected DX 10 5 Asternal care for known or suspected DX 10 5 Asternal care for known or suspected DX 10 5 Asternal care for known or suspected DX 10 5 Asternal care for known or suspected DX 10 5 Asternal care for known or suspected DX 10 5 Asternal care for known or suspected DX 10 5 Asternal care for known or suspected DX 10 5 Asternal care for ther known or DX 10 5 Asternal care for other known or DX 10 5 Asternal care for other known or DX 10 5 Asternal care for other known or DX 10 5 Asternal care for other known or DX 10 5 Asternal care for other known or DX 10 5 Asternal care for other known or DX 10 5 Asternal care for other known or DX 10 5 Asternal care for other known or DX 10 5 Asternal care for other known or DX 10 5 Asternal care for other known or DX 10 5 Asternal care for other known or DX 10 5 Asternal care for other known or DX 10 5 Asternal care for other known or DX 10 5 Asternal care for other known or DX 10 5 Asternal care for other known or DX 10 5 Asternal care for other known or DX 10 5 Asternal care for other known or DX 10 5 | Adaternal care for known or suspected lacental insufficiency, second rimester, fetus 2 Adaternal care for known or suspected lacental insufficiency, second rimester, fetus 3 Adaternal care for known or suspected lacental insufficiency, second rimester, fetus 2 Adaternal care for known or suspected lacental insufficiency, second rimester, fetus 1 Adaternal care for known or suspected lacental insufficiency, second rimester, fetus 1 Adaternal care for known or suspected lacental insufficiency, second rimester, fetus 1 Adaternal care for known or suspected lacental insufficiency, second rimester, fetus 2 Adaternal care for known or suspected lacental insufficiency, second rimester, fetus 2 Adaternal care for known or suspected lacental insufficiency, second rimester, fetus 3 Adaternal care for known or suspected DX 10 5 197 Ideal lacental insufficiency, second rimester, fetus 4 Adaternal care for known or suspected DX 10 5 198 Ideal lacental insufficiency, second rimester, fetus 5 Adaternal care for known or suspected DX 10 5 199 Ideal lacental insufficiency, second rimester, fetus 5 Adaternal care for known or suspected DX 10 5 200 Ideal lacental insufficiency, second rimester, other fetus 1 Adaternal care for ther known or DX 10 5 201 Ideal DX 10 5 202 Ideal DX 10 5 203 Ideal DX 10 5 204 Ideal DX 10 5 205 | Alaternal care for known or suspected lacental care for known or suspected lacental insufficiency, second trimester, fetus 2 Alaternal care for known or suspected lacental care for known or suspected lacental lasufficiency, second trimester, fetus 5 Alaternal care for hydrops fetalis, |



| System (H | ICPCS) Used in the Gestational Age Algori                            | uimi     | ICD  |            |            |           |                |
|-----------|--|----------|------|------------|------------|-----------|----------------|
|           |  | Code     | Code |            |            | Pregnancy |                |
| Code      | Description  | Category | Type | Priority 1 | Priority 2 | Duration  | durationanchor |
| O365925   | Maternal care for other known or                                     | DX       | 10   | 5          | 206        | 147       | MARKER         |
|           | suspected poor fetal growth, second                                  |          |      |            |            |           |                |
|           | trimester, fetus 5   |          |      |            |            |           |                |
| 0365929   | Maternal care for other known or                                     | DX       | 10   | 5          | 207        | 147       | MARKER         |
|           | suspected poor fetal growth, second                                  |          |      |            |            |           |                |
|           | trimester, other fetus   |          |      |            |            |           |                |
| O3662X0   | Maternal care for excessive fetal                                    | DX       | 10   | 5          | 208        | 147       | MARKER         |
|           | growth, second trimester, not  |          |      |            |            |           |                |
| 0000014   | applicable or unspecified  | 5.4      | 4.0  | _          | 222        | 4.47      |                |
| O3662X1   |  | DX       | 10   | 5          | 209        | 147       | MARKER         |
| Operava   | growth, second trimester, fetus 1  Maternal care for excessive fetal | DV       | 10   | _          | 210        | 1.47      | MARKER         |
| O3662X2   | growth, second trimester, fetus 2                                    | DX       | 10   | 5          | 210        | 147       | MARKER         |
| O3662X3   | Maternal care for excessive fetal                                    | DX       | 10   | 5          | 211        | 147       | MARKER         |
| 03002X3   | growth, second trimester, fetus 3                                    | DX       | 10   | 3          | 211        | 147       | WARKER         |
| O3662X4   |  | DX       | 10   | 5          | 212        | 147       | MARKER         |
| COCCEAT   | growth, second trimester, fetus 4                                    | ΣX       | 10   | J          |            | 2.,       | 1717 (1111211  |
| O3662X5   | Maternal care for excessive fetal                                    | DX       | 10   | 5          | 213        | 147       | MARKER         |
|           | growth, second trimester, fetus 5                                    |          |      |            |            |           |                |
| O3662X9   | Maternal care for excessive fetal                                    | DX       | 10   | 5          | 214        | 147       | MARKER         |
|           | growth, second trimester, other fetus                                |          |      |            |            |           |                |
| O3672X0   | Maternal care for viable fetus in                                    | DX       | 10   | 5          | 215        | 147       | MARKER         |
|           | abdominal pregnancy, second  |          |      |            |            |           |                |
|           | trimester, not applicable or unspecified                             |          |      |            |            |           |                |
| O3672X1   | Maternal care for viable fetus in                                    | DX       | 10   | 5          | 216        | 147       | MARKER         |
|           | abdominal pregnancy, second  |          |      |            |            |           |                |
|           | trimester, fetus 1   |          |      |            |            |           |                |
| O3672X2   | Maternal care for viable fetus in                                    | DX       | 10   | 5          | 217        | 147       | MARKER         |
|           | abdominal pregnancy, second  |          |      |            |            |           |                |
|           | trimester, fetus 2   |          |      |            |            |           |                |
| O3672X3   | Maternal care for viable fetus in                                    | DX       | 10   | 5          | 218        | 147       | MARKER         |
|           | abdominal pregnancy, second  |          |      |            |            |           |                |
|           | trimester, fetus 3   |          |      |            |            |           |                |
| O3672X4   | Maternal care for viable fetus in                                    | DX       | 10   | 5          | 219        | 147       | MARKER         |
|           | abdominal pregnancy, second  |          |      |            |            |           |                |
| 026721/5  | trimester, fetus 4   | D.V      | 40   | -          | 220        | 4.47      | 1 4 4 DVED     |
| O3672X5   | Maternal care for viable fetus in                                    | DX       | 10   | 5          | 220        | 147       | MARKER         |
|           | abdominal pregnancy, second trimester, fetus 5                       |          |      |            |            |           |                |
| O3672X9   | Maternal care for viable fetus in                                    | DX       | 10   | 5          | 221        | 147       | MARKER         |
| 0307283   | abdominal pregnancy, second  | DΛ       | 10   | J          | <b>221</b> | 14/       | INIUIVIEL      |
|           | trimester, other fetus   |          |      |            |            |           |                |
|           |  |          |      |            |            |           |                |

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| эузсені (п | icres) used in the destational Age Algori  |          | ICD  |            |            |           |                |
|------------|--|----------|------|------------|------------|-----------|----------------|
|            |  | Code     | Code |            |            | Pregnancy |                |
| Code       | Description  | Category | Туре | Priority 1 | Priority 2 | Duration  | durationanchor |
| O368120    | Decreased fetal movements, second trimester, not applicable or unspecified   | DX       | 10   | 5          | 222        | 147       | MARKER         |
| O368121    | Decreased fetal movements, second trimester, fetus 1   | DX       | 10   | 5          | 223        | 147       | MARKER         |
| O368122    | Decreased fetal movements, second trimester, fetus 2   | DX       | 10   | 5          | 224        | 147       | MARKER         |
| O368123    | Decreased fetal movements, second trimester, fetus 3   | DX       | 10   | 5          | 225        | 147       | MARKER         |
| O368124    | Decreased fetal movements, second trimester, fetus 4   | DX       | 10   | 5          | 226        | 147       | MARKER         |
| O368125    | Decreased fetal movements, second trimester, fetus 5   | DX       | 10   | 5          | 227        | 147       | MARKER         |
| O368129    | Decreased fetal movements, second trimester, other fetus   | DX       | 10   | 5          | 228        | 147       | MARKER         |
| O368220    | Fetal anemia and thrombocytopenia, second trimester, not applicable or unspecified                                 | DX       | 10   | 5          | 229        | 147       | MARKER         |
| O368221    | Fetal anemia and thrombocytopenia, second trimester, fetus 1   | DX       | 10   | 5          | 230        | 147       | MARKER         |
| O368222    | Fetal anemia and thrombocytopenia, second trimester, fetus 2   | DX       | 10   | 5          | 231        | 147       | MARKER         |
| O368223    | Fetal anemia and thrombocytopenia, second trimester, fetus 3   | DX       | 10   | 5          | 232        | 147       | MARKER         |
| O368224    | Fetal anemia and thrombocytopenia, second trimester, fetus 4   | DX       | 10   | 5          | 233        | 147       | MARKER         |
| O368225    | Fetal anemia and thrombocytopenia, second trimester, fetus 5   | DX       | 10   | 5          | 234        | 147       | MARKER         |
| O368229    | Fetal anemia and thrombocytopenia, second trimester, other fetus   | DX       | 10   | 5          | 235        | 147       | MARKER         |
| O368320    | Maternal care for abnormalities of the fetal heart rate or rhythm, second trimester, not applicable or unspecified | DX       | 10   | 5          | 236        | 147       | MARKER         |
| O368321    | Maternal care for abnormalities of the fetal heart rate or rhythm, second trimester, fetus 1                       | DX       | 10   | 5          | 237        | 147       | MARKER         |
| O368322    | Maternal care for abnormalities of the fetal heart rate or rhythm, second trimester, fetus 2                       | DX       | 10   | 5          | 238        | 147       | MARKER         |
| O368323    | Maternal care for abnormalities of the fetal heart rate or rhythm, second trimester, fetus 3                       | DX       | 10   | 5          | 239        | 147       | MARKER         |



| System (F          | icecs) used in the destational Age Algori  |          | ICD      |            |            |            |                  |
|--------------------|--|----------|----------|------------|------------|------------|------------------|
|                    |  | Code     | Code     |            |            | Pregnancy  |                  |
| Code               | Description  | Category | Туре     | Priority 1 | Priority 2 | Duration   | durationanchor   |
| O368324            | Maternal care for abnormalities of the fetal heart rate or rhythm, second trimester, fetus 4                   | DX       | 10       | 5          | 240        | 147        | MARKER           |
| O368325            | Maternal care for abnormalities of the fetal heart rate or rhythm, second trimester, fetus 5                   | DX       | 10       | 5          | 241        | 147        | MARKER           |
| O368329            | Maternal care for abnormalities of the fetal heart rate or rhythm, second trimester, other fetus               | DX       | 10       | 5          | 242        | 147        | MARKER           |
| O368920            | Maternal care for other specified fetal problems, second trimester, not applicable or unspecified              | DX       | 10       | 5          | 243        | 147        | MARKER           |
| O368921            | Maternal care for other specified fetal problems, second trimester, fetus 1                                    | DX       | 10       | 5          | 244        | 147        | MARKER           |
| O368922            | Maternal care for other specified fetal problems, second trimester, fetus 2                                    | DX       | 10       | 5          | 245        | 147        | MARKER           |
| O368923            | Maternal care for other specified fetal problems, second trimester, fetus 3                                    | DX       | 10       | 5          | 246        | 147        | MARKER           |
| O368924            | Maternal care for other specified fetal problems, second trimester, fetus 4                                    | DX       | 10       | 5          | 247        | 147        | MARKER           |
| O368925            | Maternal care for other specified fetal problems, second trimester, fetus 5                                    | DX       | 10       | 5          | 248        | 147        | MARKER           |
| O368929            | Maternal care for other specified fetal problems, second trimester, other fetus                                | DX       | 10       | 5          | 249        | 147        | MARKER           |
| O3692X0            | Maternal care for fetal problem,<br>unspecified, second trimester, not<br>applicable or unspecified            | DX       | 10       | 5          | 250        | 147        | MARKER           |
| O3692X1            | Maternal care for fetal problem, unspecified, second trimester, fetus 1  | DX       | 10       | 5          | 251        | 147        | MARKER           |
| O3692X2            | Maternal care for fetal problem,<br>unspecified, second trimester, fetus 2                                     | DX       | 10       | 5          | 252        | 147        | MARKER           |
| O3692X3<br>O3692X4 | Maternal care for fetal problem,<br>unspecified, second trimester, fetus 3<br>Maternal care for fetal problem, | DX<br>DX | 10<br>10 | 5          | 253<br>254 | 147<br>147 | MARKER<br>MARKER |
| O3692X4            | unspecified, second trimester, fetus 4  Maternal care for fetal problem,                                       | DX       | 10       | 5<br>5     | 254        | 147        | MARKER           |
|                    | unspecified, second trimester, fetus 5   |          | -*       | -          |            |            |                  |

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| System (II  | cres, used in the destational Age Algorit                       |          | ICD  |            |            |           |                |
|-------------|---|----------|------|------------|------------|-----------|----------------|
|             |   | Code     | Code |            |            | Pregnancy |                |
| Code        | Description   | Category | Туре | Priority 1 | Priority 2 | Duration  | durationanchor |
| O3692X9     | Maternal care for fetal problem,                                | DX       | 10   | 5          | 256        | 147       | MARKER         |
|             | unspecified, second trimester, other                            |          |      |            |            |           |                |
| 0402770     | fetus   | DV       | 10   | _          | 257        | 1.47      | MADKED         |
| O402XX0     | Polyhydramnios, second trimester, not applicable or unspecified | DX       | 10   | 5          | 257        | 147       | MARKER         |
| O402XX1     | Polyhydramnios, second trimester,                               | DX       | 10   | 5          | 258        | 147       | MARKER         |
|             | fetus 1   |          |      | -          |            |           |                |
| O402XX2     | Polyhydramnios, second trimester,                               | DX       | 10   | 5          | 259        | 147       | MARKER         |
|             | fetus 2   |          |      |            |            |           |                |
| O402XX3     | Polyhydramnios, second trimester,                               | DX       | 10   | 5          | 260        | 147       | MARKER         |
| 0403774     | fetus 3   | DV       | 10   | _          | 261        | 1.47      | MADKED         |
| O402XX4     | Polyhydramnios, second trimester, fetus 4                       | DX       | 10   | 5          | 261        | 147       | MARKER         |
| O402XX5     | Polyhydramnios, second trimester,                               | DX       | 10   | 5          | 262        | 147       | MARKER         |
| 0.1027.11.0 | fetus 5   | 27.      |      | J          |            |           |                |
| O402XX9     | Polyhydramnios, second trimester,                               | DX       | 10   | 5          | 263        | 147       | MARKER         |
|             | other fetus   |          |      |            |            |           |                |
| O4102X0     | Oligohydramnios, second trimester, not                          | DX       | 10   | 5          | 264        | 147       | MARKER         |
| 0.44.03.74  | applicable or unspecified                                       | DV       | 10   | -          | 265        | 4.47      | MARKER         |
| O4102X1     | Oligohydramnios, second trimester, fetus 1                      | DX       | 10   | 5          | 265        | 147       | MARKER         |
| O4102X2     | Oligohydramnios, second trimester,                              | DX       | 10   | 5          | 266        | 147       | MARKER         |
| 0 1202/12   | fetus 2   | 27.      |      | J          |            |           |                |
| O4102X3     | Oligohydramnios, second trimester,                              | DX       | 10   | 5          | 267        | 147       | MARKER         |
|             | fetus 3   |          |      |            |            |           |                |
| O4102X4     | Oligohydramnios, second trimester,                              | DX       | 10   | 5          | 268        | 147       | MARKER         |
| 0410375     | fetus 4   | DV       | 10   | _          | 200        | 1.47      | MADKED         |
| O4102X5     | Oligohydramnios, second trimester, fetus 5                      | DX       | 10   | 5          | 269        | 147       | MARKER         |
| O4102X9     | Oligohydramnios, second trimester,                              | DX       | 10   | 5          | 270        | 147       | MARKER         |
|             | other fetus   |          |      | -          |            |           |                |
| 0411020     | Infection of amniotic sac and                                   | DX       | 10   | 5          | 271        | 147       | MARKER         |
|             | membranes, unspecified, second                                  |          |      |            |            |           |                |
|             | trimester, not applicable or unspecified                        |          |      |            |            |           |                |
| 0411021     | Infection of amniotic sac and                                   | DV       | 10   | _          | 272        | 1.47      | MADKED         |
| O411021     | membranes, unspecified, second                                  | DX       | 10   | 5          | 272        | 147       | MARKER         |
|             | trimester, fetus 1  |          |      |            |            |           |                |
| 0411022     | Infection of amniotic sac and                                   | DX       | 10   | 5          | 273        | 147       | MARKER         |
|             | membranes, unspecified, second                                  |          |      |            |            |           |                |
|             | trimester, fetus 2  |          |      |            |            |           |                |
| 0411023     | Infection of amniotic sac and                                   | DX       | 10   | 5          | 274        | 147       | MARKER         |
|             | membranes, unspecified, second                                  |          |      |            |            |           |                |
|             | trimester, fetus 3  |          |      |            |            |           |                |



| System (H          | ICPCS) Used in the Gestational Age Algorit                                    | nm               | ICD         |            |            |                       |                  |
|--------------------|---|------------------|-------------|------------|------------|-----------------------|------------------|
|                    |   | Codo             | ICD<br>Code |            |            | Drogrange             |                  |
| Code               | Description   | Code<br>Category | Type        | Priority 1 | Priority 2 | Pregnancy<br>Duration | durationanchor   |
| O411024            | Infection of amniotic sac and   | DX               | 10          | 5          | 275        | 147                   | MARKER           |
| 0411024            | membranes, unspecified, second  | DΛ               | 10          | J          | 2/3        | 147                   | WARKER           |
|                    | trimester, fetus 4  |                  |             |            |            |                       |                  |
| 0411025            | Infection of amniotic sac and   | DX               | 10          | 5          | 276        | 147                   | MARKER           |
| 0411023            | membranes, unspecified, second  | DA               | 10          | 3          | 270        | 147                   | WARKER           |
|                    | trimester, fetus 5  |                  |             |            |            |                       |                  |
| 0411029            | Infection of amniotic sac and   | DX               | 10          | 5          | 277        | 147                   | MARKER           |
|                    | membranes, unspecified, second  |                  |             | -          | _,,        |                       |                  |
|                    | trimester, other fetus  |                  |             |            |            |                       |                  |
| 0411220            | Chorioamnionitis, second trimester, not                                       | DX               | 10          | 5          | 278        | 147                   | MARKER           |
|                    | applicable or unspecified   |                  |             |            |            |                       |                  |
| 0411221            | Chorioamnionitis, second trimester,   | DX               | 10          | 5          | 279        | 147                   | MARKER           |
|                    | fetus 1   |                  |             |            |            |                       |                  |
| 0411222            | Chorioamnionitis, second trimester,   | DX               | 10          | 5          | 280        | 147                   | MARKER           |
|                    | fetus 2   |                  |             |            |            |                       |                  |
| 0411223            | Chorioamnionitis, second trimester,   | DX               | 10          | 5          | 281        | 147                   | MARKER           |
|                    | fetus 3   |                  |             |            |            |                       |                  |
| 0411224            | Chorioamnionitis, second trimester,   | DX               | 10          | 5          | 282        | 147                   | MARKER           |
|                    | fetus 4   |                  |             |            |            |                       |                  |
| 0411225            | Chorioamnionitis, second trimester,   | DX               | 10          | 5          | 283        | 147                   | MARKER           |
|                    | fetus 5   |                  |             |            |            |                       |                  |
| 0411229            | Chorioamnionitis, second trimester,   | DX               | 10          | 5          | 284        | 147                   | MARKER           |
|                    | other fetus   |                  |             |            |            |                       |                  |
| 0411420            | Placentitis, second trimester, not  | DX               | 10          | 5          | 285        | 147                   | MARKER           |
|                    | applicable or unspecified   |                  |             | _          |            |                       |                  |
| 0411421            | Placentitis, second trimester, fetus 1  | DX               | 10          | 5          | 286        | 147                   | MARKER           |
|                    | Placentitis, second trimester, fetus 2  | DX               | 10          | 5          | 287        | 147                   | MARKER           |
| 0411423            | Placentitis, second trimester, fetus 3  | DX               | 10          | 5          | 288        | 147                   | MARKER           |
| 0411424            | Placentitis, second trimester, fetus 4 Placentitis, second trimester, fetus 5 | DX               | 10          | 5          | 289        | 147<br>147            | MARKER           |
| O411425<br>O411429 |   | DX<br>DX         | 10<br>10    | 5<br>5     | 290<br>291 | 147<br>147            | MARKER<br>MARKER |
| 0411429            | Placentitis, second trimester, other fetus                                    | DΛ               | 10          | 5          | 291        | 147                   | IVIARKER         |
| O418X20            |   | DX               | 10          | 5          | 292        | 147                   | MARKER           |
| 0410/20            | fluid and membranes, second trimester,  | DX               | 10          | J          | 232        | 147                   | WANKER           |
|                    | not applicable or unspecified   |                  |             |            |            |                       |                  |
|                    | not applicable of unspecified   |                  |             |            |            |                       |                  |
| O418X21            | Other specified disorders of amniotic   | DX               | 10          | 5          | 293        | 147                   | MARKER           |
|                    | fluid and membranes, second trimester,  |                  |             |            |            |                       |                  |
|                    | fetus 1   |                  |             |            |            |                       |                  |
| O418X22            | Other specified disorders of amniotic   | DX               | 10          | 5          | 294        | 147                   | MARKER           |
|                    | fluid and membranes, second trimester,  |                  |             |            |            |                       |                  |
|                    | fetus 2   |                  |             |            |            |                       |                  |
| O418X23            | Other specified disorders of amniotic   | DX               | 10          | 5          | 295        | 147                   | MARKER           |
|                    | fluid and membranes, second trimester,  |                  |             |            |            |                       |                  |
|                    | fetus 3   |                  |             |            |            |                       |                  |



| System (F | CPCS) Used in the Gestational Age Algori          |          | ICD  |            |            |           |                |
|-----------|---|----------|------|------------|------------|-----------|----------------|
|           |   | Code     | Code |            |            | Pregnancy |                |
| Code      | Description                                       | Category | Type | Priority 1 | Priority 2 | Duration  | durationanchor |
|           | Other specified disorders of amniotic             | DX       | 10   | 5          | 296        | 147       | MARKER         |
| ·         | fluid and membranes, second trimester,            |          | -    |            |            |           |                |
|           | fetus 4   |          |      |            |            |           |                |
| O418X25   | Other specified disorders of amniotic             | DX       | 10   | 5          | 297        | 147       | MARKER         |
|           | fluid and membranes, second trimester,            |          |      |            |            |           |                |
|           | fetus 5   |          |      |            |            |           |                |
| O418X29   | Other specified disorders of amniotic             | DX       | 10   | 5          | 298        | 147       | MARKER         |
|           | fluid and membranes, second trimester,            |          |      |            |            |           |                |
| O4192X0   | other fetus  Disorder of amniotic fluid and       | DV       | 10   | _          | 200        | 1.47      | MARKER         |
| 0419280   | membranes, unspecified, second                    | DX       | 10   | 5          | 299        | 147       | WARKER         |
|           | trimester, not applicable or unspecified          |          |      |            |            |           |                |
|           | trimester, not applicable or anspectined          |          |      |            |            |           |                |
| O4192X1   | Disorder of amniotic fluid and                    | DX       | 10   | 5          | 300        | 147       | MARKER         |
|           | membranes, unspecified, second                    |          |      |            |            |           |                |
|           | trimester, fetus 1                                |          |      |            |            |           |                |
| O4192X2   | Disorder of amniotic fluid and                    | DX       | 10   | 5          | 301        | 147       | MARKER         |
|           | membranes, unspecified, second                    |          |      |            |            |           |                |
|           | trimester, fetus 2                                |          |      |            |            |           |                |
| O4192X3   | Disorder of amniotic fluid and                    | DX       | 10   | 5          | 302        | 147       | MARKER         |
|           | membranes, unspecified, second                    |          |      |            |            |           |                |
| O4192X4   | trimester, fetus 3 Disorder of amniotic fluid and | DX       | 10   | 5          | 303        | 147       | MARKER         |
| 0419284   | membranes, unspecified, second                    | DX       | 10   | 5          | 303        | 147       | WARKER         |
|           | trimester, fetus 4                                |          |      |            |            |           |                |
| O4192X5   | Disorder of amniotic fluid and                    | DX       | 10   | 5          | 304        | 147       | MARKER         |
| 0 1132/13 | membranes, unspecified, second                    | ΣX       |      | J          | 301        | 2.,       | IVII IIIILEII  |
|           | trimester, fetus 5                                |          |      |            |            |           |                |
| O4192X9   | Disorder of amniotic fluid and                    | DX       | 10   | 5          | 305        | 147       | MARKER         |
|           | membranes, unspecified, second                    |          |      |            |            |           |                |
|           | trimester, other fetus                            |          |      |            |            |           |                |
| 043012    | Fetomaternal placental transfusion                | DX       | 10   | 5          | 306        | 147       | MARKER         |
|           | syndrome, second trimester                        |          |      |            |            |           |                |
| 043022    | Fetus-to-fetus placental transfusion              | DX       | 10   | 5          | 307        | 147       | MARKER         |
| 0.424.02  | syndrome, second trimester                        | DV       | 4.0  | -          | 200        | 4.47      | 144 DVED       |
| O43102    | Malformation of placenta, unspecified,            | DX       | 10   | 5          | 308        | 147       | MARKER         |
| O43112    | second trimester Circumvallate placenta, second   | DX       | 10   | 5          | 309        | 147       | MARKER         |
| 043112    | trimester   | DΛ       | 10   | J          | 309        | 147       | WARKER         |
| 043122    | Velamentous insertion of umbilical                | DX       | 10   | 5          | 310        | 147       | MARKER         |
| 0.0122    | cord, second trimester                            | 2/       | -0   | •          | 310        | -17       | W. WINEIN      |
| 043192    | Other malformation of placenta, second            | DX       | 10   | 5          | 311        | 147       | MARKER         |
|           | trimester   |          |      |            |            |           |                |
| 043212    | Placenta accreta, second trimester                | DX       | 10   | 5          | 312        | 147       | MARKER         |
| 043222    | Placenta increta, second trimester                | DX       | 10   | 5          | 313        | 147       | MARKER         |
|           |   |          |      |            |            |           |                |



|        |   |          | ICD  |            |            |           |                |
|--------|---|----------|------|------------|------------|-----------|----------------|
|        |   | Code     | Code |            |            | Pregnancy |                |
| Code   | Description   | Category | Type | Priority 1 | Priority 2 | Duration  | durationanchor |
| 043232 | Placenta percreta, second trimester   | DX       | 10   | 5          | 314        | 147       | MARKER         |
| 043812 | Placental infarction, second trimester  | DX       | 10   | 5          | 315        | 147       | MARKER         |
| O43892 | Other placental disorders, second   | DX       | 10   | 5          | 316        | 147       | MARKER         |
| 0.4000 | trimester   | 51/      | 4.0  | _          | 247        | 4.47      |                |
| O4392  | Unspecified placental disorder, second  | DX       | 10   | 5          | 317        | 147       | MARKER         |
| O4402  | trimester   | DX       | 10   | 5          | 318        | 147       | MARKER         |
| 04402  | Complete placenta previa NOS or without hemorrhage, second trimester          | DΛ       | 10   | 5          | 310        | 147       | IVIANNEN       |
|        | without hemorriage, second trimester  |          |      |            |            |           |                |
| 04412  | Complete placenta previa with   | DX       | 10   | 5          | 319        | 147       | MARKER         |
| 0      | hemorrhage, second trimester  | 27.      |      | J          | 010        | ,         |                |
| 04422  | Partial placenta previa NOS or without  | DX       | 10   | 5          | 320        | 147       | MARKER         |
|        | hemorrhage, second trimester  |          |      |            |            |           |                |
|        |   |          |      |            |            |           |                |
| O4432  | Partial placenta previa with  | DX       | 10   | 5          | 321        | 147       | MARKER         |
|        | hemorrhage, second trimester  |          |      |            |            |           |                |
| O4442  | Low lying placenta NOS or without   | DX       | 10   | 5          | 322        | 147       | MARKER         |
|        | hemorrhage, second trimester  |          |      | _          |            |           |                |
| O4452  | Low lying placenta with hemorrhage,   | DX       | 10   | 5          | 323        | 147       | MARKER         |
| 045003 | second trimester  | DV       | 10   | -          | 224        | 1.47      | MARKER         |
| O45002 | Premature separation of placenta with coagulation defect, unspecified, second | DX       | 10   | 5          | 324        | 147       | MARKER         |
|        | trimester   |          |      |            |            |           |                |
| 045012 | Premature separation of placenta with   | DX       | 10   | 5          | 325        | 147       | MARKER         |
| 0.0011 | afibrinogenemia, second trimester   | 27.      |      | J          | 020        | ,         |                |
|        |   |          |      |            |            |           |                |
| 045022 | Premature separation of placenta with   | DX       | 10   | 5          | 326        | 147       | MARKER         |
|        | disseminated intravascular coagulation,                                       |          |      |            |            |           |                |
|        | second trimester  |          |      |            |            |           |                |
| O45092 | Premature separation of placenta with   | DX       | 10   | 5          | 327        | 147       | MARKER         |
|        | other coagulation defect, second  |          |      |            |            |           |                |
|        | trimester   |          |      | _          |            |           |                |
| O458X2 | Other premature separation of   | DX       | 10   | 5          | 328        | 147       | MARKER         |
| 04502  | placenta, second trimester Premature separation of placenta,                  | DV       | 10   | -          | 220        | 1.47      | MARKER         |
| O4592  | unspecified, second trimester   | DX       | 10   | 5          | 329        | 147       | MARKER         |
| O46002 | Antepartum hemorrhage with  | DX       | 10   | 5          | 330        | 147       | MARKER         |
| 0.0002 | coagulation defect, unspecified, second                                       | DΛ       | 10   | J          | 330        | 2.,       | WWW.LIX        |
|        | trimester   |          |      |            |            |           |                |
| 046012 | Antepartum hemorrhage with  | DX       | 10   | 5          | 331        | 147       | MARKER         |
|        | afibrinogenemia, second trimester   |          |      |            |            |           |                |
| O46022 | Antepartum hemorrhage with  | DX       | 10   | 5          | 332        | 147       | MARKER         |
|        | disseminated intravascular coagulation,                                       |          |      |            |            |           |                |
|        | second trimester  |          |      |            |            |           |                |

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|        | , , , , , ,  | Codo             | ICD          |            |            | Duamanan              |                |
|--------|--|------------------|--------------|------------|------------|-----------------------|----------------|
| Code   | Description  | Code<br>Category | Code<br>Type | Priority 1 | Priority 2 | Pregnancy<br>Duration | durationanchor |
| 046092 | Antepartum hemorrhage with other                                     | DX               | 10           | 5          | 333        | 147                   | MARKER         |
|        | coagulation defect, second trimester                                 |                  |              |            |            |                       |                |
| O468X2 | Other antepartum hemorrhage, second                                  | DX               | 10           | 5          | 334        | 147                   | MARKER         |
|        | trimester  |                  |              |            |            |                       |                |
| O4692  | Antepartum hemorrhage, unspecified,                                  | DX               | 10           | 5          | 335        | 147                   | MARKER         |
| 0.4702 | second trimester   | DV               | 10           | -          | 226        | 4.47                  | MARKER         |
| O4702  | False labor before 37 completed weeks of gestation, second trimester | DX               | 10           | 5          | 336        | 147                   | MARKER         |
| O6002  | Preterm labor without delivery, second                               | DX               | 10           | 5          | 337        | 147                   | MARKER         |
| 00002  | trimester  | DΛ               | 10           | J          | 337        | 147                   | WWW.           |
| 07102  | Rupture of uterus before onset of labor,                             | DX               | 10           | 5          | 338        | 147                   | MARKER         |
|        | second trimester   |                  |              |            |            |                       |                |
| 088012 | Air embolism in pregnancy, second                                    | DX               | 10           | 5          | 339        | 147                   | MARKER         |
|        | trimester  |                  |              |            |            |                       |                |
| 088112 | Amniotic fluid embolism in pregnancy,                                | DX               | 10           | 5          | 340        | 147                   | MARKER         |
| 088212 | second trimester Thromboembolism in pregnancy,                       | DX               | 10           | _          | 341        | 147                   | MARKER         |
| 000212 | second trimester   | DX               | 10           | 5          | 541        | 147                   | MARKER         |
| 088312 | Pyemic and septic embolism in  | DX               | 10           | 5          | 342        | 147                   | MARKER         |
|        | pregnancy, second trimester  |                  |              |            |            |                       |                |
| 088812 | Other embolism in pregnancy, second                                  | DX               | 10           | 5          | 343        | 147                   | MARKER         |
|        | trimester  |                  |              |            |            |                       |                |
| 091012 | Infection of nipple associated with                                  | DX               | 10           | 5          | 344        | 147                   | MARKER         |
| 004442 | pregnancy, second trimester  | DV               | 40           | _          | 2.45       | 4.47                  | A A A DIVED    |
| 091112 | Abscess of breast associated with                                    | DX               | 10           | 5          | 345        | 147                   | MARKER         |
| 091212 | pregnancy, second trimester  Nonpurulent mastitis associated with    | DX               | 10           | 5          | 346        | 147                   | MARKER         |
| 031212 | pregnancy, second trimester  | DA               | 10           | 3          | 340        | 147                   | WIANNEN        |
| 092012 | Retracted nipple associated with                                     | DX               | 10           | 5          | 347        | 147                   | MARKER         |
|        | pregnancy, second trimester  |                  |              |            |            |                       |                |
| 092112 | Cracked nipple associated with                                       | DX               | 10           | 5          | 348        | 147                   | MARKER         |
|        | pregnancy, second trimester  |                  |              |            |            |                       |                |
| O98012 | Tuberculosis complicating pregnancy,                                 | DX               | 10           | 5          | 349        | 147                   | MARKER         |
| 000443 | second trimester   | DV               | 4.0          | -          | 250        | 4.47                  | A A A DIVED    |
| 098112 | Syphilis complicating pregnancy, second trimester                    | DX               | 10           | 5          | 350        | 147                   | MARKER         |
| 098212 | Gonorrhea complicating pregnancy,                                    | DX               | 10           | 5          | 351        | 147                   | MARKER         |
| 030212 | second trimester   | Z/A              |              | •          | 331        | 11,                   | WW.            |
| 098312 | Other infections with a predominantly                                | DX               | 10           | 5          | 352        | 147                   | MARKER         |
|        | sexual mode of transmission  |                  |              |            |            |                       |                |
|        | complicating pregnancy, second                                       |                  |              |            |            |                       |                |
|        | trimester  |                  |              | _          |            |                       |                |
| O98412 | Viral hepatitis complicating pregnancy,                              | DX               | 10           | 5          | 353        | 147                   | MARKER         |
|        | second trimester   |                  |              |            |            |                       |                |



| System (II | icres, osed in the destational Age Algorit                    |          | ICD  |            |            |           |                |
|------------|---|----------|------|------------|------------|-----------|----------------|
|            |   | Code     | Code |            |            | Pregnancy |                |
| Code       | Description   | Category | Туре | Priority 1 | Priority 2 | Duration  | durationanchor |
| 098512     | Other viral diseases complicating                             | DX       | 10   | 5          | 354        | 147       | MARKER         |
|            | pregnancy, second trimester                                   |          |      |            |            |           |                |
| O98612     | Protozoal diseases complicating                               | DX       | 10   | 5          | 355        | 147       | MARKER         |
|            | pregnancy, second trimester                                   |          |      | _          |            |           |                |
| O98712     | Human immunodeficiency virus [HIV]                            | DX       | 10   | 5          | 356        | 147       | MARKER         |
|            | disease complicating pregnancy, second                        |          |      |            |            |           |                |
| O98812     | trimester Other maternal infectious and parasitic             | DX       | 10   | 5          | 357        | 147       | MARKER         |
| 090012     | diseases complicating pregnancy,                              | DΛ       | 10   | 5          | 337        | 147       | IVIARKER       |
|            | second trimester  |          |      |            |            |           |                |
| 098912     | Unspecified maternal infectious and                           | DX       | 10   | 5          | 358        | 147       | MARKER         |
|            | parasitic disease complicating                                |          |      | -          |            |           |                |
|            | pregnancy, second trimester                                   |          |      |            |            |           |                |
| 099012     | Anemia complicating pregnancy,                                | DX       | 10   | 5          | 359        | 147       | MARKER         |
|            | second trimester  |          |      |            |            |           |                |
| 099112     | Other diseases of the blood and blood-                        | DX       | 10   | 5          | 360        | 147       | MARKER         |
|            | forming organs and certain disorders                          |          |      |            |            |           |                |
|            | involving the immune mechanism                                |          |      |            |            |           |                |
|            | complicating pregnancy, second                                |          |      |            |            |           |                |
| 000212     | trimester   | DV       | 10   | -          | 261        | 1.47      | MADKED         |
| O99212     | Obesity complicating pregnancy, second trimester              | DX       | 10   | 5          | 361        | 147       | MARKER         |
| O99282     | Endocrine, nutritional and metabolic                          | DX       | 10   | 5          | 362        | 147       | MARKER         |
| 033202     | diseases complicating pregnancy,                              | DX       | 10   | 3          | 302        | 147       | WIANNEN        |
|            | second trimester  |          |      |            |            |           |                |
| 099312     | Alcohol use complicating pregnancy,                           | DX       | 10   | 5          | 363        | 147       | MARKER         |
|            | second trimester  |          |      |            |            |           |                |
| 099322     | Drug use complicating pregnancy,                              | DX       | 10   | 5          | 364        | 147       | MARKER         |
|            | second trimester  |          |      |            |            |           |                |
| 099332     | Smoking (tobacco) complicating                                | DX       | 10   | 5          | 365        | 147       | MARKER         |
|            | pregnancy, second trimester                                   |          |      | _          |            |           |                |
| O99342     | Other mental disorders complicating                           | DX       | 10   | 5          | 366        | 147       | MARKER         |
| O99352     | pregnancy, second trimester                                   | DV       | 10   | _          | 267        | 1.47      | MADKED         |
| 099352     | Diseases of the nervous system complicating pregnancy, second | DX       | 10   | 5          | 367        | 147       | MARKER         |
|            | trimester   |          |      |            |            |           |                |
| 099412     | Diseases of the circulatory system                            | DX       | 10   | 5          | 368        | 147       | MARKER         |
|            | complicating pregnancy, second                                |          |      |            |            |           |                |
|            | trimester   |          |      |            |            |           |                |
| 099512     | Diseases of the respiratory system                            | DX       | 10   | 5          | 369        | 147       | MARKER         |
|            | complicating pregnancy, second                                |          |      |            |            |           |                |
|            | trimester   |          |      |            |            |           |                |
| 099612     | Diseases of the digestive system                              | DX       | 10   | 5          | 370        | 147       | MARKER         |
|            | complicating pregnancy, second                                |          |      |            |            |           |                |
|            | trimester   |          |      |            |            |           |                |



| System (II | ici co, osed iii the destational Age Algori                          | Ç.IIII   | ICD  |            |            |           |                |
|------------|--|----------|------|------------|------------|-----------|----------------|
|            |  | Code     | Code |            |            | Pregnancy |                |
| Code       | Description  | Category | Туре | Priority 1 | Priority 2 | Duration  | durationanchor |
| 099712     | Diseases of the skin and subcutaneous                                | DX       | 10   | 5          | 371        | 147       | MARKER         |
|            | tissue complicating pregnancy, second                                |          |      |            |            |           |                |
|            | trimester  |          |      |            |            |           |                |
| 099842     | Bariatric surgery status complicating                                | DX       | 10   | 5          | 372        | 147       | MARKER         |
|            | pregnancy, second trimester  |          |      | _          |            |           |                |
| O9A112     | Malignant neoplasm complicating                                      | DX       | 10   | 5          | 373        | 147       | MARKER         |
| O9A212     | pregnancy, second trimester Injury, poisoning and certain other      | DX       | 10   | 5          | 374        | 147       | MARKER         |
| USAZIZ     | consequences of external causes                                      | DΛ       | 10   | 5          | 3/4        | 147       | IVIARNER       |
|            | complicating pregnancy, second                                       |          |      |            |            |           |                |
|            | trimester  |          |      |            |            |           |                |
| O9A312     | Physical abuse complicating pregnancy,                               | DX       | 10   | 5          | 375        | 147       | MARKER         |
|            | second trimester   |          |      |            |            |           |                |
| O9A412     | Sexual abuse complicating pregnancy,                                 | DX       | 10   | 5          | 376        | 147       | MARKER         |
|            | second trimester   |          |      |            |            |           |                |
| O9A512     | Psychological abuse complicating                                     | DX       | 10   | 5          | 377        | 147       | MARKER         |
| 70.400     | pregnancy, second trimester  | 51/      | 4.0  | _          | 070        | 4.47      |                |
| Z3402      | Encounter for supervision of normal                                  | DX       | 10   | 5          | 378        | 147       | MARKER         |
| Z3482      | first pregnancy, second trimester Encounter for supervision of other | DX       | 10   | 5          | 379        | 147       | MARKER         |
| 23402      | normal pregnancy, second trimester                                   | DX       | 10   | 3          | 379        | 147       | WARKER         |
| Z3492      | Encounter for supervision of normal                                  | DX       | 10   | 5          | 380        | 147       | MARKER         |
| 20.52      | pregnancy, unspecified, second                                       | DΛ       |      | J          | 300        | 2.,       | IVII IIIILEII  |
|            | trimester  |          |      |            |            |           |                |
| 0368310    | Maternal care for abnormalities of the                               | DX       | 10   | 6          | 1          | 70        | MARKER         |
|            | fetal heart rate or rhythm, first                                    |          |      |            |            |           |                |
|            | trimester, not applicable or unspecified                             |          |      |            |            |           |                |
|            |  |          |      |            |            |           |                |
| O368311    | Maternal care for abnormalities of the                               | DX       | 10   | 6          | 2          | 70        | MARKER         |
|            | fetal heart rate or rhythm, first                                    |          |      |            |            |           |                |
| 0368312    | trimester, fetus 1  Maternal care for abnormalities of the           | DX       | 10   | 6          | 3          | 70        | MARKER         |
| 0306312    | fetal heart rate or rhythm, first                                    | DX       | 10   | U          | 3          | 70        | WARKER         |
|            | trimester, fetus 2   |          |      |            |            |           |                |
| 0368313    | Maternal care for abnormalities of the                               | DX       | 10   | 6          | 4          | 70        | MARKER         |
|            | fetal heart rate or rhythm, first                                    |          |      |            |            |           |                |
|            | trimester, fetus 3   |          |      |            |            |           |                |
| 0368314    | Maternal care for abnormalities of the                               | DX       | 10   | 6          | 5          | 70        | MARKER         |
|            | fetal heart rate or rhythm, first                                    |          |      |            |            |           |                |
|            | trimester, fetus 4   |          |      |            |            |           |                |
| O368315    | Maternal care for abnormalities of the                               | DX       | 10   | 6          | 6          | 70        | MARKER         |
|            | fetal heart rate or rhythm, first                                    |          |      |            |            |           |                |
|            | trimester, fetus 5   |          |      |            |            |           |                |



| System (F | ICPCS) Used in the Gestational Age Algori                                   | tnm      | ICD         |            |            |           |                |
|-----------|---|----------|-------------|------------|------------|-----------|----------------|
|           |   | Code     | ICD<br>Code |            |            | Pregnancy |                |
| Code      | Description   | Category | Type        | Priority 1 | Priority 2 | Duration  | durationanchor |
| 042011    | Preterm premature rupture of  | DX       | 10          | 6          | 7          | 70        | MARKER         |
| 0.2022    | membranes, onset of labor within 24   | 27.      |             | ·          | •          | , 0       |                |
|           | hours of rupture, first trimester   |          |             |            |            |           |                |
| 042111    | Preterm premature rupture of  | DX       | 10          | 6          | 8          | 70        | MARKER         |
|           | membranes, onset of labor more than   |          |             |            |            |           |                |
|           | 24 hours following rupture, first   |          |             |            |            |           |                |
|           | trimester   |          |             |            |            |           |                |
| 042911    | Preterm premature rupture of  | DX       | 10          | 6          | 9          | 70        | MARKER         |
|           | membranes, unspecified as to length of                                      |          |             |            |            |           |                |
|           | time between rupture and onset of labor, first trimester                    |          |             |            |            |           |                |
| 00901     | Supervision of pregnancy with history                                       | DX       | 10          | 6          | 10         | 70        | MARKER         |
| 00301     | of infertility, first trimester   | ΣX       | 10          | Ū          | 10         | , 0       | 1717 (1111211  |
| 00911     | Supervision of pregnancy with history                                       | DX       | 10          | 6          | 11         | 70        | MARKER         |
|           | of ectopic pregnancy, first trimester                                       |          |             |            |            |           |                |
| 009211    | Supervision of pregnancy with history                                       | DX       | 10          | 6          | 12         | 70        | MARKER         |
|           | of pre-term labor, first trimester  |          |             |            |            |           |                |
| 009291    | Supervision of pregnancy with other   | DX       | 10          | 6          | 13         | 70        | MARKER         |
|           | poor reproductive or obstetric history,                                     |          |             |            |            |           |                |
| 00931     | first trimester Supervision of pregnancy with                               | DX       | 10          | 6          | 14         | 70        | MARKER         |
| 00931     | insufficient antenatal care, first  | DA       | 10          | U          | 14         | 70        | WARKER         |
|           | trimester   |          |             |            |            |           |                |
| 00941     | Supervision of pregnancy with grand   | DX       | 10          | 6          | 15         | 70        | MARKER         |
|           | multiparity, first trimester  |          |             |            |            |           |                |
| 009511    | Supervision of elderly primigravida, first                                  | DX       | 10          | 6          | 16         | 70        | MARKER         |
|           | trimester   |          |             | _          |            |           |                |
| 009521    | Supervision of elderly multigravida, first                                  | DX       | 10          | 6          | 17         | 70        | MARKER         |
| 009611    | trimester Supervision of young primigravida, first                          | DX       | 10          | 6          | 18         | 70        | MARKER         |
| 009011    | trimester   | DX       | 10          | U          | 10         | 70        | WARKER         |
| 009621    | Supervision of young multigravida, first                                    | DX       | 10          | 6          | 19         | 70        | MARKER         |
|           | trimester   |          |             |            |            |           |                |
| 00971     | Supervision of high risk pregnancy due                                      | DX       | 10          | 6          | 20         | 70        | MARKER         |
|           | to social problems, first trimester   |          |             |            |            |           |                |
| 009811    | Supervision of pregnancy resulting from                                     | DX       | 10          | 6          | 21         | 70        | MARKER         |
|           | assisted reproductive technology, first                                     |          |             |            |            |           |                |
| 000021    | trimester   | DV       | 10          | c          | 22         | 70        | MARKER         |
| O09821    | Supervision of pregnancy with history of in utero procedure during previous | DX       | 10          | 6          | 22         | 70        | MARKER         |
|           | pregnancy, first trimester  |          |             |            |            |           |                |
| 009891    | Supervision of other high risk  | DX       | 10          | 6          | 23         | 70        | MARKER         |
|           | pregnancies, first trimester  |          |             |            |            |           |                |
| 00991     | Supervision of high risk pregnancy,   | DX       | 10          | 6          | 24         | 70        | MARKER         |
|           | unspecified, first trimester  |          |             |            |            |           |                |

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| System (1 | icres) osed in the destational Age Algori                      | Çiiiii   | ICD  |            |            |           |                |
|-----------|--|----------|------|------------|------------|-----------|----------------|
|           |  | Code     | Code |            |            | Pregnancy |                |
| Code      | Description  | Category | Туре | Priority 1 | Priority 2 | Duration  | durationanchor |
| O09A1     | Supervision of pregnancy with history                          | DX       | 10   | 6          | 25         | 70        | MARKER         |
|           | of molar pregnancy, first trimester                            |          |      |            |            |           |                |
| 010011    | Pre-existing essential hypertension                            | DX       | 10   | 6          | 26         | 70        | MARKER         |
|           | complicating pregnancy, first trimester                        |          |      |            |            |           |                |
| 010111    | Pre-existing hypertensive heart disease                        | DX       | 10   | 6          | 27         | 70        | MARKER         |
|           | complicating pregnancy, first trimester                        |          |      |            |            |           |                |
| O10211    | Pre-existing hypertensive chronic                              | DX       | 10   | 6          | 28         | 70        | MARKER         |
|           | kidney disease complicating pregnancy,                         |          |      |            |            |           |                |
|           | first trimester  |          |      |            |            |           |                |
| 010311    | Pre-existing hypertensive heart and                            | DX       | 10   | 6          | 29         | 70        | MARKER         |
|           | chronic kidney disease complicating                            |          |      |            |            |           |                |
|           | pregnancy, first trimester                                     |          |      |            |            |           |                |
| O10411    | Pre-existing secondary hypertension                            | DX       | 10   | 6          | 30         | 70        | MARKER         |
|           | complicating pregnancy, first trimester                        |          |      |            |            |           |                |
| 010911    | Unspecified pre-existing hypertension                          | DX       | 10   | 6          | 31         | 70        | MARKER         |
|           | complicating pregnancy, first trimester                        |          |      |            |            |           |                |
| 0111      | Pre-existing hypertension with pre-                            | DX       | 10   | 6          | 32         | 70        | MARKER         |
|           | eclampsia, first trimester                                     |          |      |            |            |           |                |
| 01201     | Gestational edema, first trimester                             | DX       | 10   | 6          | 33         | 70        | MARKER         |
| O1211     | Gestational proteinuria, first trimester                       | DX       | 10   | 6          | 34         | 70        | MARKER         |
| 01221     | Gestational edema with proteinuria,                            | DX       | 10   | 6          | 35         | 70        | MARKER         |
|           | first trimester  |          |      |            |            |           |                |
| 0131      | Gestational [pregnancy-induced]                                | DX       | 10   | 6          | 36         | 70        | MARKER         |
|           | hypertension without significant                               |          |      |            |            |           |                |
|           | proteinuria, first trimester                                   |          |      |            |            |           |                |
| 0161      | Unspecified maternal hypertension,                             | DX       | 10   | 6          | 37         | 70        | MARKER         |
|           | first trimester  |          |      |            |            |           |                |
| O2201     | Varicose veins of lower extremity in                           | DX       | 10   | 6          | 38         | 70        | MARKER         |
| 02211     | pregnancy, first trimester Genital varices in pregnancy, first | DX       | 10   | 6          | 39         | 70        | MARKER         |
| 02211     | trimester  | DΛ       | 10   | U          | 39         | 70        | WARKER         |
| 02221     | Superficial thrombophlebitis in                                | DX       | 10   | 6          | 40         | 70        | MARKER         |
|           | pregnancy, first trimester                                     |          |      |            |            |           |                |
| 02231     | Deep phlebothrombosis in pregnancy,                            | DX       | 10   | 6          | 41         | 70        | MARKER         |
|           | first trimester  |          |      |            |            |           |                |
| 02241     | Hemorrhoids in pregnancy, first                                | DX       | 10   | 6          | 42         | 70        | MARKER         |
|           | trimester  |          |      |            |            |           |                |
| 02251     | Cerebral venous thrombosis in                                  | DX       | 10   | 6          | 43         | 70        | MARKER         |
|           | pregnancy, first trimester                                     |          |      |            |            |           |                |



| System (i | icres) osed in the destational Age Algori                               |          | ICD  |            |            |           |                |
|-----------|---|----------|------|------------|------------|-----------|----------------|
|           |   | Code     | Code |            |            | Pregnancy |                |
| Code      | Description   | Category | Type | Priority 1 | Priority 2 | Duration  | durationanchor |
| O228X1    | Other venous complications in   | DX       | 10   | 6          | 44         | 70        | MARKER         |
|           | pregnancy, first trimester  |          |      |            |            |           |                |
| 02291     | Venous complication in pregnancy,                                       | DX       | 10   | 6          | 45         | 70        | MARKER         |
|           | unspecified, first trimester  |          |      | _          |            |           |                |
| O2301     | Infections of kidney in pregnancy, first                                | DX       | 10   | 6          | 46         | 70        | MARKER         |
| 02211     | trimester   | DV       | 10   | C          | 47         | 70        | MARKER         |
| O2311     | Infections of bladder in pregnancy, first trimester                     | DX       | 10   | 6          | 47         | 70        | MARKER         |
| O2321     | Infections of urethra in pregnancy, first                               | DX       | 10   | 6          | 48         | 70        | MARKER         |
| 02321     | trimester   | DA       | 10   | Ü          | 40         | 70        | WIANNEN        |
| 02331     | Infections of other parts of urinary tract                              | DX       | 10   | 6          | 49         | 70        | MARKER         |
|           | in pregnancy, first trimester   |          |      |            |            |           |                |
| 02341     | Unspecified infection of urinary tract in                               | DX       | 10   | 6          | 50         | 70        | MARKER         |
|           | pregnancy, first trimester  |          |      |            |            |           |                |
| 023511    | Infections of cervix in pregnancy, first                                | DX       | 10   | 6          | 51         | 70        | MARKER         |
|           | trimester   |          |      |            |            |           |                |
| 023521    | Salpingo-oophoritis in pregnancy, first                                 | DX       | 10   | 6          | 52         | 70        | MARKER         |
|           | trimester   |          |      | _          |            |           |                |
| O23591    | Infection of other part of genital tract in                             | DX       | 10   | 6          | 53         | 70        | MARKER         |
| O2391     | pregnancy, first trimester  | DX       | 10   | 6          | 54         | 70        | MARKER         |
| 02391     | Unspecified genitourinary tract infection in pregnancy, first trimester | DΛ       | 10   | 0          | 54         | 70        | IVIARNER       |
| 024011    | Pre-existing type 1 diabetes mellitus, in                               | DX       | 10   | 6          | 55         | 70        | MARKER         |
| 02.011    | pregnancy, first trimester  | ΣA       | 10   | · ·        | 33         | , 0       | 1717 (1111/211 |
| 024111    | Pre-existing type 2 diabetes mellitus, in                               | DX       | 10   | 6          | 56         | 70        | MARKER         |
|           | pregnancy, first trimester  |          |      |            |            |           |                |
| 024311    | Unspecified pre-existing diabetes                                       | DX       | 10   | 6          | 57         | 70        | MARKER         |
|           | mellitus in pregnancy, first trimester                                  |          |      |            |            |           |                |
| 024811    | Other pre-existing diabetes mellitus in                                 | DX       | 10   | 6          | 58         | 70        | MARKER         |
|           | pregnancy, first trimester  |          |      |            |            |           |                |
| 024911    | Unspecified diabetes mellitus in  | DX       | 10   | 6          | 59         | 70        | MARKER         |
| 02511     | pregnancy, first trimester  Malnutrition in pregnancy, first            | DV       | 10   | c          | 60         | 70        | MADKED         |
| O2511     | trimester   | DX       | 10   | 6          | 60         | 70        | MARKER         |
| O2601     | Excessive weight gain in pregnancy, first                               | DX       | 10   | 6          | 61         | 70        | MARKER         |
| 02001     | trimester   | DA       | 10   | Ü          | 01         | 70        | WIANKEN        |
| 02611     | Low weight gain in pregnancy, first                                     | DX       | 10   | 6          | 62         | 70        | MARKER         |
|           | trimester   |          |      |            |            |           |                |
| 02621     | Pregnancy care for patient with   | DX       | 10   | 6          | 63         | 70        | MARKER         |
|           | recurrent pregnancy loss, first trimester                               |          |      |            |            |           |                |
|           |   |          |      |            |            |           |                |
| O2631     | Retained intrauterine contraceptive                                     | DX       | 10   | 6          | 64         | 70        | MARKER         |
|           | device in pregnancy, first trimester                                    | _        |      |            |            | _         |                |
| O2641     | Herpes gestationis, first trimester                                     | DX       | 10   | 6          | 65         | 70        | MARKER         |



| Jystein (F | acres) osed in the destational Age Algori  |          | ICD  |            |            |           |                |
|------------|--|----------|------|------------|------------|-----------|----------------|
|            |  | Code     | Code |            |            | Pregnancy |                |
| Code       | Description  | Category | Type | Priority 1 | Priority 2 | Duration  | durationanchor |
| 02651      | Maternal hypotension syndrome, first trimester   | DX       | 10   | 6          | 66         | 70        | MARKER         |
| O26611     | Liver and biliary tract disorders in pregnancy, first trimester                            | DX       | 10   | 6          | 67         | 70        | MARKER         |
| O26711     | Subluxation of symphysis (pubis) in pregnancy, first trimester                             | DX       | 10   | 6          | 68         | 70        | MARKER         |
| O26811     | Pregnancy related exhaustion and fatigue, first trimester                                  | DX       | 10   | 6          | 69         | 70        | MARKER         |
| O26821     | Pregnancy related peripheral neuritis, first trimester                                     | DX       | 10   | 6          | 70         | 70        | MARKER         |
| O26831     | Pregnancy related renal disease, first trimester   | DX       | 10   | 6          | 71         | 70        | MARKER         |
| O26841     | Uterine size-date discrepancy, first trimester   | DX       | 10   | 6          | 72         | 70        | MARKER         |
| 026851     | Spotting complicating pregnancy, first trimester   | DX       | 10   | 6          | 73         | 70        | MARKER         |
| O26891     | Other specified pregnancy related conditions, first trimester                              | DX       | 10   | 6          | 74         | 70        | MARKER         |
| O2691      | Pregnancy related conditions, unspecified, first trimester                                 | DX       | 10   | 6          | 75         | 70        | MARKER         |
| O29011     | Aspiration pneumonitis due to anesthesia during pregnancy, first trimester                 | DX       | 10   | 6          | 76         | 70        | MARKER         |
| 029021     | Pressure collapse of lung due to anesthesia during pregnancy, first trimester              | DX       | 10   | 6          | 77         | 70        | MARKER         |
| O29091     | Other pulmonary complications of anesthesia during pregnancy, first trimester              | DX       | 10   | 6          | 78         | 70        | MARKER         |
| 029111     | Cardiac arrest due to anesthesia during pregnancy, first trimester                         | DX       | 10   | 6          | 79         | 70        | MARKER         |
| 029121     | Cardiac failure due to anesthesia during pregnancy, first trimester                        | DX       | 10   | 6          | 80         | 70        | MARKER         |
| O29191     | Other cardiac complications of anesthesia during pregnancy, first trimester                | DX       | 10   | 6          | 81         | 70        | MARKER         |
| 029211     | Cerebral anoxia due to anesthesia during pregnancy, first trimester                        | DX       | 10   | 6          | 82         | 70        | MARKER         |
| O29291     | Other central nervous system complications of anesthesia during pregnancy, first trimester | DX       | 10   | 6          | 83         | 70        | MARKER         |
| O293X1     | Toxic reaction to local anesthesia during pregnancy, first trimester                       | DX       | 10   | 6          | 84         | 70        | MARKER         |



| System (F | icPCS) Used in the Gestational Age Algori  |          | ICD  |            |            |           |                |
|-----------|--|----------|------|------------|------------|-----------|----------------|
|           |  | Code     | Code |            |            | Pregnancy |                |
| Code      | Description  | Category | Туре | Priority 1 | Priority 2 | Duration  | durationanchor |
| O2941     | Spinal and epidural anesthesia induced headache during pregnancy, first trimester                          | DX       | 10   | 6          | 85         | 70        | MARKER         |
| O295X1    | Other complications of spinal and epidural anesthesia during pregnancy, first trimester                    | DX       | 10   | 6          | 86         | 70        | MARKER         |
| O2961     | Failed or difficult intubation for anesthesia during pregnancy, first trimester                            | DX       | 10   | 6          | 87         | 70        | MARKER         |
| O298X1    | Other complications of anesthesia during pregnancy, first trimester  | DX       | 10   | 6          | 88         | 70        | MARKER         |
| 02991     | Unspecified complication of anesthesia during pregnancy, first trimester                                   | DX       | 10   | 6          | 89         | 70        | MARKER         |
| O30001    | Twin pregnancy, unspecified number of placenta and unspecified number of amniotic sacs, first trimester    | DX       | 10   | 6          | 90         | 70        | MARKER         |
| O30011    | Twin pregnancy,<br>monochorionic/monoamniotic, first<br>trimester  | DX       | 10   | 6          | 91         | 70        | MARKER         |
| O30021    | Conjoined twin pregnancy, first trimester  | DX       | 10   | 6          | 92         | 70        | MARKER         |
| O30031    | Twin pregnancy,<br>monochorionic/diamniotic, first<br>trimester  | DX       | 10   | 6          | 93         | 70        | MARKER         |
| O30041    | Twin pregnancy, dichorionic/diamniotic, first trimester  | DX       | 10   | 6          | 94         | 70        | MARKER         |
| O30091    | Twin pregnancy, unable to determine number of placenta and number of amniotic sacs, first trimester        | DX       | 10   | 6          | 95         | 70        | MARKER         |
| O30101    | Triplet pregnancy, unspecified number of placenta and unspecified number of amniotic sacs, first trimester | DX       | 10   | 6          | 96         | 70        | MARKER         |
| O30111    | Triplet pregnancy with two or more monochorionic fetuses, first trimester                                  | DX       | 10   | 6          | 97         | 70        | MARKER         |
| 030121    | Triplet pregnancy with two or more monoamniotic fetuses, first trimester                                   | DX       | 10   | 6          | 98         | 70        | MARKER         |
| 030131    | Triplet pregnancy, trichorionic/triamniotic, first trimester   | DX       | 10   | 6          | 99         | 70        | MARKER         |
| O30191    | Triplet pregnancy, unable to determine number of placenta and number of amniotic sacs, first trimester     | DX       | 10   | 6          | 100        | 70        | MARKER         |



| System (F | icPCs) Used in the Gestational Age Algori   | LIIIII   | ICD  |            | _          | _         | _              |
|-----------|---|----------|------|------------|------------|-----------|----------------|
|           |   | Code     | Code |            |            | Pregnancy |                |
| Code      | Description   | Category | Type | Priority 1 | Driority 2 | Duration  | durationanchor |
| 030201    | Quadruplet pregnancy, unspecified   | DX       | 10   | 6          | 101        | 70        | MARKER         |
| 030201    | number of placenta and unspecified number of amniotic sacs, first trimester   | DX       | 10   | 0          | 101        | 70        | WARKER         |
|           | number of animotic sacs, first trimester  |          |      |            |            |           |                |
| O30211    | Quadruplet pregnancy with two or more monochorionic fetuses, first  | DX       | 10   | 6          | 102        | 70        | MARKER         |
| O30221    | trimester Quadruplet pregnancy with two or more monoamniotic fetuses, first   | DX       | 10   | 6          | 103        | 70        | MARKER         |
| O30231    | trimester Quadruplet pregnancy, quadrachorionic/quadra-amniotic, first  | DX       | 10   | 6          | 104        | 70        | MARKER         |
| O30291    | trimester Quadruplet pregnancy, unable to determine number of placenta and number of amniotic sacs, first trimester     | DX       | 10   | 6          | 105        | 70        | MARKER         |
| O30801    | Other specified multiple gestation, unspecified number of placenta and unspecified number of amniotic sacs,             | DX       | 10   | 6          | 106        | 70        | MARKER         |
| 030811    | first trimester Other specified multiple gestation with two or more monochorionic fetuses,                              | DX       | 10   | 6          | 107        | 70        | MARKER         |
| O30821    | first trimester Other specified multiple gestation with two or more monoamniotic fetuses, first trimester               | DX       | 10   | 6          | 108        | 70        | MARKER         |
| O30831    | Other specified multiple gestation,<br>number of chorions and amnions are<br>both equal to the number of fetuses,       | DX       | 10   | 6          | 109        | 70        | MARKER         |
| O30891    | first trimester Other specified multiple gestation, unable to determine number of placenta and number of amniotic sacs, | DX       | 10   | 6          | 110        | 70        | MARKER         |
| O3091     | first trimester  Multiple gestation, unspecified, first trimester   | DX       | 10   | 6          | 111        | 70        | MARKER         |
| O3101X0   | Papyraceous fetus, first trimester, not applicable or unspecified   | DX       | 10   | 6          | 112        | 70        | MARKER         |
| O3101X1   |   | DX       | 10   | 6          | 113        | 70        | MARKER         |
| O3101X2   | Papyraceous fetus, first trimester, fetus 2   | DX       | 10   | 6          | 114        | 70        | MARKER         |
| O3101X3   | Papyraceous fetus, first trimester, fetus 3   | DX       | 10   | 6          | 115        | 70        | MARKER         |



| System (1) | Cres, osed in the destational Age Algorit                                 |          | ICD  |            |            |           |                |
|------------|---|----------|------|------------|------------|-----------|----------------|
|            |   | Code     | Code |            |            | Pregnancy |                |
| Code       | Description   | Category | Туре | Priority 1 | Priority 2 | Duration  | durationanchor |
| O3101X4    | Papyraceous fetus, first trimester, fetus                                 | DX       | 10   | 6          | 116        | 70        | MARKER         |
|            | 4   |          |      |            |            |           |                |
| O3101X5    | Papyraceous fetus, first trimester, fetus                                 | DX       | 10   | 6          | 117        | 70        | MARKER         |
|            | 5   |          |      |            |            |           |                |
| O3101X9    | Papyraceous fetus, first trimester, other                                 | DX       | 10   | 6          | 118        | 70        | MARKER         |
| O3111X0    | fetus   | DV       | 10   | 6          | 119        | 70        | NAADKED        |
| 0311170    | Continuing pregnancy after spontaneous abortion of one fetus or           | DX       | 10   | О          | 119        | 70        | MARKER         |
|            | more, first trimester, not applicable or                                  |          |      |            |            |           |                |
|            | unspecified   |          |      |            |            |           |                |
| O3111X1    | Continuing pregnancy after  | DX       | 10   | 6          | 120        | 70        | MARKER         |
|            | spontaneous abortion of one fetus or                                      |          |      |            |            |           |                |
|            | more, first trimester, fetus 1  |          |      |            |            |           |                |
| O3111X2    | Continuing pregnancy after  | DX       | 10   | 6          | 121        | 70        | MARKER         |
|            | spontaneous abortion of one fetus or                                      |          |      |            |            |           |                |
|            | more, first trimester, fetus 2  |          |      |            |            |           |                |
| O3111X3    | Continuing pregnancy after  | DX       | 10   | 6          | 122        | 70        | MARKER         |
|            | spontaneous abortion of one fetus or                                      |          |      |            |            |           |                |
| 0244474    | more, first trimester, fetus 3  | DV       | 10   | 6          | 422        | 70        | NAA DIKED      |
| O3111X4    | Continuing pregnancy after  | DX       | 10   | 6          | 123        | 70        | MARKER         |
|            | spontaneous abortion of one fetus or more, first trimester, fetus 4       |          |      |            |            |           |                |
| O3111X5    | Continuing pregnancy after  | DX       | 10   | 6          | 124        | 70        | MARKER         |
| OSITIAS    | spontaneous abortion of one fetus or                                      | DΛ       | 10   | Ü          | 127        | , 0       | IVII IIIILEII  |
|            | more, first trimester, fetus 5  |          |      |            |            |           |                |
| O3111X9    | Continuing pregnancy after  | DX       | 10   | 6          | 125        | 70        | MARKER         |
|            | spontaneous abortion of one fetus or                                      |          |      |            |            |           |                |
|            | more, first trimester, other fetus  |          |      |            |            |           |                |
| O3121X0    | Continuing pregnancy after intrauterine                                   | DX       | 10   | 6          | 126        | 70        | MARKER         |
|            | death of one fetus or more, first   |          |      |            |            |           |                |
|            | trimester, not applicable or unspecified                                  |          |      |            |            |           |                |
| 0212171    | Continuing programmy offer introutering                                   | DV       | 10   | c          | 127        | 70        | MADKED         |
| U3121X1    | Continuing pregnancy after intrauterine death of one fetus or more, first | DX       | 10   | 6          | 127        | 70        | MARKER         |
|            | trimester, fetus 1  |          |      |            |            |           |                |
| O3121X2    | Continuing pregnancy after intrauterine                                   | DX       | 10   | 6          | 128        | 70        | MARKER         |
| 00111/1    | death of one fetus or more, first   |          |      |            |            | . •       |                |
|            | trimester, fetus 2  |          |      |            |            |           |                |
| O3121X3    | Continuing pregnancy after intrauterine                                   | DX       | 10   | 6          | 129        | 70        | MARKER         |
|            | death of one fetus or more, first   |          |      |            |            |           |                |
|            | trimester, fetus 3  |          |      |            |            |           |                |
| O3121X4    | Continuing pregnancy after intrauterine                                   | DX       | 10   | 6          | 130        | 70        | MARKER         |
|            | death of one fetus or more, first   |          |      |            |            |           |                |
|            | trimester, fetus 4  |          |      |            |            |           |                |



| System (n | icPCS) Osed in the Gestational Age Algori  | ,11111   | ICD  |              | _          | _         |                |
|-----------|--|----------|------|--------------|------------|-----------|----------------|
|           |  | Code     | Code |              |            | Pregnancy |                |
| Code      | Description  | Category | Type | Priority 1 F | Priority 2 | Duration  | durationanchor |
| O3121X5   | Continuing pregnancy after intrauterine death of one fetus or more, first trimester, fetus 5                             | DX       | 10   | 6            | 131        | 70        | MARKER         |
| O3121X9   | Continuing pregnancy after intrauterine death of one fetus or more, first trimester, other fetus                         | DX       | 10   | 6            | 132        | 70        | MARKER         |
| O3131X0   | Continuing pregnancy after elective fetal reduction of one fetus or more, first trimester, not applicable or unspecified | DX       | 10   | 6            | 133        | 70        | MARKER         |
| O3131X1   | Continuing pregnancy after elective fetal reduction of one fetus or more, first trimester, fetus 1                       | DX       | 10   | 6            | 134        | 70        | MARKER         |
| O3131X2   | Continuing pregnancy after elective fetal reduction of one fetus or more, first trimester, fetus 2                       | DX       | 10   | 6            | 135        | 70        | MARKER         |
| O3131X3   | Continuing pregnancy after elective fetal reduction of one fetus or more, first trimester, fetus 3                       | DX       | 10   | 6            | 136        | 70        | MARKER         |
| O3131X4   | Continuing pregnancy after elective fetal reduction of one fetus or more, first trimester, fetus 4                       | DX       | 10   | 6            | 137        | 70        | MARKER         |
| O3131X5   | Continuing pregnancy after elective fetal reduction of one fetus or more, first trimester, fetus 5                       | DX       | 10   | 6            | 138        | 70        | MARKER         |
| O3131X9   | Continuing pregnancy after elective fetal reduction of one fetus or more, first trimester, other fetus                   | DX       | 10   | 6            | 139        | 70        | MARKER         |
| O318X10   | Other complications specific to multiple gestation, first trimester, not applicable or unspecified                       | DX       | 10   | 6            | 140        | 70        | MARKER         |
| O318X11   | Other complications specific to multiple gestation, first trimester, fetus 1   | DX       | 10   | 6            | 141        | 70        | MARKER         |
| O318X12   | Other complications specific to multiple gestation, first trimester, fetus 2   | DX       | 10   | 6            | 142        | 70        | MARKER         |
| O318X13   | Other complications specific to multiple gestation, first trimester, fetus 3   | DX       | 10   | 6            | 143        | 70        | MARKER         |
| O318X14   | Other complications specific to multiple gestation, first trimester, fetus 4   | DX       | 10   | 6            | 144        | 70        | MARKER         |

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| System (H | ICPCS) Used in the Gestational Age Algorit   | nm       | ICD  |            |            |           |                |
|-----------|--|----------|------|------------|------------|-----------|----------------|
|           |  | Code     | Code |            |            | Pregnancy |                |
| Code      | Description  | Category | Type | Priority 1 | Priority 2 | Duration  | durationanchor |
| O318X15   | Other complications specific to multiple gestation, first trimester, fetus 5             | DX       | 10   | 6          | 145        | 70        | MARKER         |
| O318X19   | Other complications specific to multiple gestation, first trimester, other fetus         | DX       | 10   | 6          | 146        | 70        | MARKER         |
| O3401     | Maternal care for unspecified congenital malformation of uterus, first trimester         | DX       | 10   | 6          | 147        | 70        | MARKER         |
| 03411     | Maternal care for benign tumor of corpus uteri, first trimester                          | DX       | 10   | 6          | 148        | 70        | MARKER         |
| O3431     | Maternal care for cervical incompetence, first trimester                                 | DX       | 10   | 6          | 149        | 70        | MARKER         |
| O3441     | Maternal care for other abnormalities of cervix, first trimester                         | DX       | 10   | 6          | 150        | 70        | MARKER         |
| O34511    | Maternal care for incarceration of gravid uterus, first trimester                        | DX       | 10   | 6          | 151        | 70        | MARKER         |
| O34521    | Maternal care for prolapse of gravid uterus, first trimester                             | DX       | 10   | 6          | 152        | 70        | MARKER         |
| O34531    | Maternal care for retroversion of gravid uterus, first trimester                         | DX       | 10   | 6          | 153        | 70        | MARKER         |
| 034591    | Maternal care for other abnormalities of gravid uterus, first trimester                  | DX       | 10   | 6          | 154        | 70        | MARKER         |
| O3461     | Maternal care for abnormality of vagina, first trimester                                 | DX       | 10   | 6          | 155        | 70        | MARKER         |
| 03471     | Maternal care for abnormality of vulva and perineum, first trimester                     | DX       | 10   | 6          | 156        | 70        | MARKER         |
| O3481     | Maternal care for other abnormalities of pelvic organs, first trimester                  | DX       | 10   | 6          | 157        | 70        | MARKER         |
| O3491     | Maternal care for abnormality of pelvic organ, unspecified, first trimester              | DX       | 10   | 6          | 158        | 70        | MARKER         |
| O360110   | Maternal care for anti-D [Rh] antibodies, first trimester, not applicable or unspecified | DX       | 10   | 6          | 159        | 70        | MARKER         |
| O360111   | Maternal care for anti-D [Rh] antibodies, first trimester, fetus 1                       | DX       | 10   | 6          | 160        | 70        | MARKER         |
| O360112   | Maternal care for anti-D [Rh] antibodies, first trimester, fetus 2                       | DX       | 10   | 6          | 161        | 70        | MARKER         |
| O360113   | Maternal care for anti-D [Rh] antibodies, first trimester, fetus 3                       | DX       | 10   | 6          | 162        | 70        | MARKER         |
| O360114   | Maternal care for anti-D [Rh] antibodies, first trimester, fetus 4                       | DX       | 10   | 6          | 163        | 70        | MARKER         |

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| System (11 | cres, used in the destational Age Algori                                   |          | ICD  |            |     |           |                |
|------------|--|----------|------|------------|-----|-----------|----------------|
|            |  | Code     | Code |            |     | Pregnancy |                |
| Code       | Description  | Category | Type | Priority 1 |     | Duration  | durationanchor |
| 0360115    | Maternal care for anti-D [Rh]  | DX       | 10   | 6          | 164 | 70        | MARKER         |
| O360119    | antibodies, first trimester, fetus 5<br>Maternal care for anti-D [Rh]      | DX       | 10   | 6          | 165 | 70        | MARKER         |
|            | antibodies, first trimester, other fetus                                   |          |      |            |     |           |                |
| O360910    | Maternal care for other rhesus   | DX       | 10   | 6          | 166 | 70        | MARKER         |
|            | isoimmunization, first trimester, not applicable or unspecified            |          |      |            |     |           |                |
| O360911    | Maternal care for other rhesus isoimmunization, first trimester, fetus 1   | DX       | 10   | 6          | 167 | 70        | MARKER         |
| O360912    | Maternal care for other rhesus   | DX       | 10   | 6          | 168 | 70        | MARKER         |
| 0300312    | isoimmunization, first trimester, fetus 2                                  | DΛ       | 10   | Ü          | 100 | , 0       | WWWEN          |
| O360913    | Maternal care for other rhesus   | DX       | 10   | 6          | 169 | 70        | MARKER         |
|            | isoimmunization, first trimester, fetus 3                                  |          |      |            |     |           |                |
| O360914    | Maternal care for other rhesus isoimmunization, first trimester, fetus 4   | DX       | 10   | 6          | 170 | 70        | MARKER         |
|            | isoiiiiiiuiiizatioii, iiist tiiiilestei, letus 4                           |          |      |            |     |           |                |
| O360915    | Maternal care for other rhesus isoimmunization, first trimester, fetus 5   | DX       | 10   | 6          | 171 | 70        | MARKER         |
|            |  |          |      |            |     |           |                |
| O360919    | Maternal care for other rhesus isoimmunization, first trimester, other     | DX       | 10   | 6          | 172 | 70        | MARKER         |
|            | fetus  |          |      |            |     |           |                |
| 0361110    | Maternal care for Anti-A sensitization, first trimester, not applicable or | DX       | 10   | 6          | 173 | 70        | MARKER         |
| 0361111    | unspecified  Maternal care for Anti-A sensitization,                       | DX       | 10   | 6          | 174 | 70        | MARKER         |
|            | first trimester, fetus 1   |          |      |            |     |           |                |
| 0361112    | Maternal care for Anti-A sensitization, first trimester, fetus 2           | DX       | 10   | 6          | 175 | 70        | MARKER         |
| O361113    | Maternal care for Anti-A sensitization, first trimester, fetus 3           | DX       | 10   | 6          | 176 | 70        | MARKER         |
| O361114    | Maternal care for Anti-A sensitization,                                    | DX       | 10   | 6          | 177 | 70        | MARKER         |
| 0361115    | first trimester, fetus 4<br>Maternal care for Anti-A sensitization,        | DX       | 10   | 6          | 178 | 70        | MARKER         |
| 0361119    | first trimester, fetus 5 Maternal care for Anti-A sensitization,           | DX       | 10   | 6          | 179 | 70        | MARKER         |
| 0301119    | first trimester, other fetus   | DX       | 10   | b          | 1/9 | 70        | IVIARRER       |
| O361910    | Maternal care for other  | DX       | 10   | 6          | 180 | 70        | MARKER         |
|            | isoimmunization, first trimester, not applicable or unspecified            |          |      |            |     |           |                |
|            | application anopconica   |          |      |            |     |           |                |

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| System (F | icecs) used in the destational Age Algori  |          | ICD  |            |            |           |                |
|-----------|--|----------|------|------------|------------|-----------|----------------|
|           |  | Code     | Code |            |            | Pregnancy |                |
| Code      | Description  | Category | Туре | Priority 1 | Priority 2 | Duration  | durationanchor |
| O361911   | Maternal care for other isoimmunization, first trimester, fetus 1  | DX       | 10   | 6          | 181        | 70        | MARKER         |
| O361912   | Maternal care for other isoimmunization, first trimester, fetus 2  | DX       | 10   | 6          | 182        | 70        | MARKER         |
| O361913   | Maternal care for other isoimmunization, first trimester, fetus 3  | DX       | 10   | 6          | 183        | 70        | MARKER         |
| O361914   | Maternal care for other isoimmunization, first trimester, fetus 4  | DX       | 10   | 6          | 184        | 70        | MARKER         |
| O361915   | Maternal care for other isoimmunization, first trimester, fetus 5  | DX       | 10   | 6          | 185        | 70        | MARKER         |
| O361919   | Maternal care for other isoimmunization, first trimester, other fetus  | DX       | 10   | 6          | 186        | 70        | MARKER         |
| O3621X0   | Maternal care for hydrops fetalis, first trimester, not applicable or unspecified                            | DX       | 10   | 6          | 187        | 70        | MARKER         |
| O3621X1   | Maternal care for hydrops fetalis, first trimester, fetus 1  | DX       | 10   | 6          | 188        | 70        | MARKER         |
| O3621X2   | Maternal care for hydrops fetalis, first trimester, fetus 2  | DX       | 10   | 6          | 189        | 70        | MARKER         |
| O3621X3   | Maternal care for hydrops fetalis, first trimester, fetus 3  | DX       | 10   | 6          | 190        | 70        | MARKER         |
| O3621X4   | Maternal care for hydrops fetalis, first trimester, fetus 4  | DX       | 10   | 6          | 191        | 70        | MARKER         |
| O3621X5   | Maternal care for hydrops fetalis, first trimester, fetus 5  | DX       | 10   | 6          | 192        | 70        | MARKER         |
| O3621X9   | trimester, other fetus   | DX       | 10   | 6          | 193        | 70        | MARKER         |
| 0365110   | Maternal care for known or suspected placental insufficiency, first trimester, not applicable or unspecified | DX       | 10   | 6          | 194        | 70        | MARKER         |
| 0365111   | Maternal care for known or suspected placental insufficiency, first trimester, fetus 1                       | DX       | 10   | 6          | 195        | 70        | MARKER         |
| O365112   | Maternal care for known or suspected placental insufficiency, first trimester, fetus 2                       | DX       | 10   | 6          | 196        | 70        | MARKER         |



| System (II | icr c3/ 03ed iii the destational Age Algori                                    | C11111   | ICD  |            |            |           |                |
|------------|--|----------|------|------------|------------|-----------|----------------|
|            |  | Code     | Code |            |            | Pregnancy |                |
| Code       | Description  | Category | Туре | Priority 1 | Priority 2 | Duration  | durationanchor |
| O365113    | •  | DX       | 10   | 6          | 197        | 70        | MARKER         |
|            | placental insufficiency, first trimester,                                      |          |      |            |            |           |                |
| 0265444    | fetus 3  | DV       | 10   | 6          | 400        | 70        | NAADKED        |
| 0365114    | Maternal care for known or suspected placental insufficiency, first trimester, | DX       | 10   | 6          | 198        | 70        | MARKER         |
|            | fetus 4  |          |      |            |            |           |                |
| 0365115    | Maternal care for known or suspected   | DX       | 10   | 6          | 199        | 70        | MARKER         |
|            | placental insufficiency, first trimester,                                      |          |      | -          |            |           |                |
|            | fetus 5  |          |      |            |            |           |                |
| 0365119    | Maternal care for known or suspected   | DX       | 10   | 6          | 200        | 70        | MARKER         |
|            | placental insufficiency, first trimester,                                      |          |      |            |            |           |                |
|            | other fetus  |          |      | _          |            |           |                |
| 0365910    | Maternal care for other known or   | DX       | 10   | 6          | 201        | 70        | MARKER         |
|            | suspected poor fetal growth, first trimester, not applicable or unspecified    |          |      |            |            |           |                |
|            | trimester, not applicable or unspecified                                       |          |      |            |            |           |                |
| 0365911    | Maternal care for other known or   | DX       | 10   | 6          | 202        | 70        | MARKER         |
|            | suspected poor fetal growth, first   |          |      |            |            |           |                |
|            | trimester, fetus 1   |          |      |            |            |           |                |
| 0365912    | Maternal care for other known or   | DX       | 10   | 6          | 203        | 70        | MARKER         |
|            | suspected poor fetal growth, first   |          |      |            |            |           |                |
| 0265012    | trimester, fetus 2   | DV       | 10   | 6          | 204        | 70        | MARKER         |
| O365913    | Maternal care for other known or suspected poor fetal growth, first            | DX       | 10   | 6          | 204        | 70        | MARKER         |
|            | trimester, fetus 3   |          |      |            |            |           |                |
| 0365914    | Maternal care for other known or   | DX       | 10   | 6          | 205        | 70        | MARKER         |
|            | suspected poor fetal growth, first   |          |      |            |            |           |                |
|            | trimester, fetus 4   |          |      |            |            |           |                |
| 0365915    | Maternal care for other known or   | DX       | 10   | 6          | 206        | 70        | MARKER         |
|            | suspected poor fetal growth, first   |          |      |            |            |           |                |
| O365919    | trimester, fetus 5<br>Maternal care for other known or                         | DX       | 10   | 6          | 207        | 70        | MARKER         |
| 0303313    | suspected poor fetal growth, first   | DX       | 10   | U          | 207        | 70        | WARKER         |
|            | trimester, other fetus   |          |      |            |            |           |                |
| O3661X0    | Maternal care for excessive fetal  | DX       | 10   | 6          | 208        | 70        | MARKER         |
|            | growth, first trimester, not applicable or                                     |          |      |            |            |           |                |
|            | unspecified  |          |      |            |            |           |                |
| O3661X1    | Maternal care for excessive fetal  | DX       | 10   | 6          | 209        | 70        | MARKER         |
| 0255432    | growth, first trimester, fetus 1   | DV       | 40   | 6          | 240        | 70        | A A A DIVED    |
| O3661X2    | Maternal care for excessive fetal growth, first trimester, fetus 2             | DX       | 10   | 6          | 210        | 70        | MARKER         |
| O3661X3    | Maternal care for excessive fetal  | DX       | 10   | 6          | 211        | 70        | MARKER         |
| 03001/3    | growth, first trimester, fetus 3   | DA       | 10   | J          | <u></u>    | , 0       | IVII IIIILII   |
| O3661X4    | Maternal care for excessive fetal  | DX       | 10   | 6          | 212        | 70        | MARKER         |
|            | growth, first trimester, fetus 4   |          |      |            |            |           |                |
|            |  |          |      |            |            |           |                |

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| System (H | ICPCS) Used in the Gestational Age Algori                   | tnm      | ICD         |            |            |           |                |
|-----------|---|----------|-------------|------------|------------|-----------|----------------|
|           |   | Code     | ICD<br>Code |            |            | Pregnancy |                |
| Code      | Description   | Category | Type        | Priority 1 | Priority 2 | Duration  | durationanchor |
| O3661X5   | Maternal care for excessive fetal                           | DX       | 10          | 6          | 213        | 70        | MARKER         |
| 03001A3   | growth, first trimester, fetus 5                            | DΛ       | 10          | Ū          | 213        | 70        | WIN WINCEN     |
| O3661X9   | Maternal care for excessive fetal                           | DX       | 10          | 6          | 214        | 70        | MARKER         |
|           | growth, first trimester, other fetus                        |          |             |            |            |           |                |
| O3671X0   | Maternal care for viable fetus in                           | DX       | 10          | 6          | 215        | 70        | MARKER         |
|           | abdominal pregnancy, first trimester,                       |          |             |            |            |           |                |
|           | not applicable or unspecified                               |          |             |            |            |           |                |
| O3671X1   | Maternal care for viable fetus in                           | DX       | 10          | 6          | 216        | 70        | MARKER         |
|           | abdominal pregnancy, first trimester,                       |          |             |            |            |           |                |
|           | fetus 1   |          |             |            |            |           |                |
| O3671X2   |   | DX       | 10          | 6          | 217        | 70        | MARKER         |
|           | abdominal pregnancy, first trimester,                       |          |             |            |            |           |                |
| 006741/0  | fetus 2   | 51/      | 4.0         | •          | 240        | 70        |                |
| O3671X3   | Maternal care for viable fetus in                           | DX       | 10          | 6          | 218        | 70        | MARKER         |
|           | abdominal pregnancy, first trimester,                       |          |             |            |            |           |                |
| O3671X4   | fetus 3  Maternal care for viable fetus in                  | DX       | 10          | 6          | 219        | 70        | MARKER         |
| 0307174   | abdominal pregnancy, first trimester,                       | DX       | 10          | U          | 219        | 70        | WANKLI         |
|           | fetus 4   |          |             |            |            |           |                |
| O3671X5   | Maternal care for viable fetus in                           | DX       | 10          | 6          | 220        | 70        | MARKER         |
|           | abdominal pregnancy, first trimester,                       |          |             |            |            |           |                |
|           | fetus 5   |          |             |            |            |           |                |
| O3671X9   | Maternal care for viable fetus in                           | DX       | 10          | 6          | 221        | 70        | MARKER         |
|           | abdominal pregnancy, first trimester,                       |          |             |            |            |           |                |
|           | other fetus   |          |             |            |            |           |                |
| 0368210   | Fetal anemia and thrombocytopenia,                          | DX       | 10          | 6          | 222        | 70        | MARKER         |
|           | first trimester, not applicable or                          |          |             |            |            |           |                |
|           | unspecified   |          |             |            |            |           |                |
| 0368211   | Fetal anemia and thrombocytopenia,                          | DX       | 10          | 6          | 223        | 70        | MARKER         |
| 0260212   | first trimester, fetus 1                                    | DV       | 10          | c          | 224        | 70        | MADKED         |
| U368212   | Fetal anemia and thrombocytopenia,                          | DX       | 10          | 6          | 224        | 70        | MARKER         |
| 0368213   | first trimester, fetus 2 Fetal anemia and thrombocytopenia, | DX       | 10          | 6          | 225        | 70        | MARKER         |
| 0308213   | first trimester, fetus 3                                    | DX       | 10          | U          | 223        | 70        | WANKLI         |
| 0368214   | Fetal anemia and thrombocytopenia,                          | DX       | 10          | 6          | 226        | 70        | MARKER         |
| 0000211   | first trimester, fetus 4                                    | σx       | 10          | ŭ          | 220        | , 0       | WWW.           |
| O368215   | Fetal anemia and thrombocytopenia,                          | DX       | 10          | 6          | 227        | 70        | MARKER         |
|           | first trimester, fetus 5                                    |          |             |            |            |           |                |
| 0368219   | Fetal anemia and thrombocytopenia,                          | DX       | 10          | 6          | 228        | 70        | MARKER         |
|           | first trimester, other fetus                                |          |             |            |            |           |                |
| 0368910   | Maternal care for other specified fetal                     | DX       | 10          | 6          | 229        | 70        | MARKER         |
|           | problems, first trimester, not applicable                   |          |             |            |            |           |                |
|           | or unspecified  |          |             |            |            |           |                |
| 0368911   | Maternal care for other specified fetal                     | DX       | 10          | 6          | 230        | 70        | MARKER         |
|           | problems, first trimester, fetus 1                          |          |             |            |            |           |                |

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| System (1 | icres, used in the destational Age Algor                                    |          | ICD  |            |            |           |                |
|-----------|---|----------|------|------------|------------|-----------|----------------|
|           |   | Code     | Code |            |            | Pregnancy |                |
| Code      | Description   | Category | Type | Priority 1 | Priority 2 | Duration  | durationanchor |
| 0368912   | •   | DX       | 10   | 6          | 231        | 70        | MARKER         |
|           | problems, first trimester, fetus 2  |          |      |            |            |           |                |
| O368913   | Maternal care for other specified fetal                                     | DX       | 10   | 6          | 232        | 70        | MARKER         |
| 0000044   | problems, first trimester, fetus 3  | 51/      | 4.0  | -          | 222        | 70        |                |
| O368914   | Maternal care for other specified fetal                                     | DX       | 10   | 6          | 233        | 70        | MARKER         |
| 0368915   | problems, first trimester, fetus 4  Maternal care for other specified fetal | DX       | 10   | 6          | 234        | 70        | MARKER         |
| 0308913   | problems, first trimester, fetus 5  | DX       | 10   | O          | 234        | 70        | WANKLIN        |
| 0368919   | Maternal care for other specified fetal                                     | DX       | 10   | 6          | 235        | 70        | MARKER         |
| 0000313   | problems, first trimester, other fetus                                      | D/K      | 10   | ŭ          | 233        | , 0       | WW WWELL       |
|           | , ,   |          |      |            |            |           |                |
| O3691X0   | Maternal care for fetal problem,  | DX       | 10   | 6          | 236        | 70        | MARKER         |
|           | unspecified, first trimester, not   |          |      |            |            |           |                |
|           | applicable or unspecified   |          |      |            |            |           |                |
| O3691X1   | Maternal care for fetal problem,  | DX       | 10   | 6          | 237        | 70        | MARKER         |
|           | unspecified, first trimester, fetus 1                                       |          |      |            |            |           |                |
| O3691X2   | Maternal care for fetal problem,  | DX       | 10   | 6          | 238        | 70        | MARKER         |
| 0260172   | unspecified, first trimester, fetus 2 Maternal care for fetal problem,      | DV       | 10   | c          | 220        | 70        | MADKED         |
| O3691X3   | unspecified, first trimester, fetus 3                                       | DX       | 10   | 6          | 239        | 70        | MARKER         |
| O3691X4   | Maternal care for fetal problem,  | DX       | 10   | 6          | 240        | 70        | MARKER         |
|           | unspecified, first trimester, fetus 4                                       |          |      | -          |            |           |                |
| O3691X5   | Maternal care for fetal problem,  | DX       | 10   | 6          | 241        | 70        | MARKER         |
|           | unspecified, first trimester, fetus 5                                       |          |      |            |            |           |                |
| O3691X9   | Maternal care for fetal problem,  | DX       | 10   | 6          | 242        | 70        | MARKER         |
|           | unspecified, first trimester, other fetus                                   |          |      |            |            |           |                |
|           |   |          |      | _          |            |           |                |
| O401XX0   | Polyhydramnios, first trimester, not applicable or unspecified              | DX       | 10   | 6          | 243        | 70        | MARKER         |
| O401XX1   | Polyhydramnios, first trimester, fetus 1                                    | DX       | 10   | 6          | 244        | 70        | MARKER         |
| 0401///1  | r orymydrammos, mst trimester, retus i                                      | DA       | 10   | O          | 244        | 70        | WIANKEN        |
| O401XX2   | Polyhydramnios, first trimester, fetus 2                                    | DX       | 10   | 6          | 245        | 70        | MARKER         |
|           | . ,   |          |      |            |            |           |                |
| O401XX3   | Polyhydramnios, first trimester, fetus 3                                    | DX       | 10   | 6          | 246        | 70        | MARKER         |
|           |   |          |      |            |            |           |                |
| O401XX4   | Polyhydramnios, first trimester, fetus 4                                    | DX       | 10   | 6          | 247        | 70        | MARKER         |
|           |   |          |      | _          |            |           |                |
| O401XX5   | Polyhydramnios, first trimester, fetus 5                                    | DX       | 10   | 6          | 248        | 70        | MARKER         |
| 0401770   | Dalubudramanias first trimastar ather                                       | DV       | 10   | c          | 240        | 70        | MADKED         |
| O401XX9   | Polyhydramnios, first trimester, other fetus                                | DX       | 10   | 6          | 249        | 70        | MARKER         |
| O4101X0   | Oligohydramnios, first trimester, not                                       | DX       | 10   | 6          | 250        | 70        | MARKER         |
| 0.2027.0  | applicable or unspecified   |          |      | ŭ          |            | . •       |                |
| O4101X1   | Oligohydramnios, first trimester, fetus 1                                   | DX       | 10   | 6          | 251        | 70        | MARKER         |
|           |   |          |      |            |            |           |                |

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| System (n | icPCS) Osed in the destational Age Algorit                             | , 11111  | ICD  | _          | _          | _         |                |
|-----------|--|----------|------|------------|------------|-----------|----------------|
|           |  | Code     | Code |            |            | Pregnancy |                |
| Code      | Description  | Category | Type | Priority 1 | Priority 2 | Duration  | durationanchor |
| O4101X2   | Oligohydramnios, first trimester, fetus 2                              | DX       | 10   | 6          | 252        | 70        | MARKER         |
|           |  |          |      |            |            |           |                |
| O4101X3   | Oligohydramnios, first trimester, fetus 3                              | DX       | 10   | 6          | 253        | 70        | MARKER         |
| O4101X4   | Oligohydramnios, first trimester, fetus 4                              | DX       | 10   | 6          | 254        | 70        | MARKER         |
| 0410174   | Oligoriyaraninos, mst timiester, retus 4                               | DA       | 10   | O          | 254        | 70        | WIARRER        |
| O4101X5   | Oligohydramnios, first trimester, fetus 5                              | DX       | 10   | 6          | 255        | 70        | MARKER         |
|           |  |          |      |            |            |           |                |
| O4101X9   | Oligohydramnios, first trimester, other fetus                          | DX       | 10   | 6          | 256        | 70        | MARKER         |
| O411010   | Infection of amniotic sac and  | DX       | 10   | 6          | 257        | 70        | MARKER         |
|           | membranes, unspecified, first trimester,                               |          |      | -          |            |           |                |
|           | not applicable or unspecified  |          |      |            |            |           |                |
| 0444044   |  | DV       | 4.0  | 6          | 250        | 70        | AAABKED        |
| 0411011   | Infection of amniotic sac and membranes, unspecified, first trimester, | DX       | 10   | 6          | 258        | 70        | MARKER         |
|           | fetus 1  |          |      |            |            |           |                |
| 0411012   | Infection of amniotic sac and  | DX       | 10   | 6          | 259        | 70        | MARKER         |
|           | membranes, unspecified, first trimester,                               |          |      |            |            |           |                |
|           | fetus 2  |          |      |            |            |           |                |
| 0411013   | Infection of amniotic sac and membranes, unspecified, first trimester, | DX       | 10   | 6          | 260        | 70        | MARKER         |
|           | fetus 3  |          |      |            |            |           |                |
| 0411014   | Infection of amniotic sac and  | DX       | 10   | 6          | 261        | 70        | MARKER         |
|           | membranes, unspecified, first trimester,                               |          |      |            |            |           |                |
|           | fetus 4  |          |      |            |            |           |                |
| 0411015   | Infection of amniotic sac and membranes, unspecified, first trimester, | DX       | 10   | 6          | 262        | 70        | MARKER         |
|           | fetus 5  |          |      |            |            |           |                |
| 0411019   | Infection of amniotic sac and  | DX       | 10   | 6          | 263        | 70        | MARKER         |
|           | membranes, unspecified, first trimester,                               |          |      |            |            |           |                |
| 0444340   | other fetus  | DV       | 4.0  | 6          | 264        | 70        | MARKER         |
| 0411210   | Chorioamnionitis, first trimester, not applicable or unspecified       | DX       | 10   | 6          | 264        | 70        | MARKER         |
| 0411211   | Chorioamnionitis, first trimester, fetus 1                             | DX       | 10   | 6          | 265        | 70        | MARKER         |
|           | , , , , , , , , , , , , , , , , , , ,                                  |          |      |            |            |           |                |
| 0411212   | Chorioamnionitis, first trimester, fetus 2                             | DX       | 10   | 6          | 266        | 70        | MARKER         |
| 0411213   | Chorioamnionitis, first trimester, fetus 3                             | DX       | 10   | 6          | 267        | 70        | MARKER         |
| 0411713   | Chorioaninionitis, first trifflester, letus s                          | DΛ       | 10   | 6          | 207        | 70        | IVIAINEN       |
| 0411214   | Chorioamnionitis, first trimester, fetus 4                             | DX       | 10   | 6          | 268        | 70        | MARKER         |
|           |  |          |      |            |            |           |                |
| 0411215   | Chorioamnionitis, first trimester, fetus 5                             | DX       | 10   | 6          | 269        | 70        | MARKER         |



| System (I | icres, osed in the destational Age Algori     | e        | ICD  |            |            |           |                |
|-----------|---|----------|------|------------|------------|-----------|----------------|
|           |   | Code     | Code |            |            | Pregnancy |                |
| Code      | Description                                   | Category | Type | Priority 1 | Priority 2 | Duration  | durationanchor |
| 0411219   | Chorioamnionitis, first trimester, other      | DX       | 10   | 6          | 270        | 70        | MARKER         |
|           | fetus   |          |      |            |            |           |                |
| 0411410   | Placentitis, first trimester, not             | DX       | 10   | 6          | 271        | 70        | MARKER         |
|           | applicable or unspecified                     |          |      |            |            |           |                |
| 0411411   | Placentitis, first trimester, fetus 1         | DX       | 10   | 6          | 272        | 70        | MARKER         |
| 0411412   | Placentitis, first trimester, fetus 2         | DX       | 10   | 6          | 273        | 70        | MARKER         |
| 0411413   | Placentitis, first trimester, fetus 3         | DX       | 10   | 6          | 274        | 70        | MARKER         |
| 0411414   | Placentitis, first trimester, fetus 4         | DX       | 10   | 6          | 275        | 70        | MARKER         |
| 0411415   | Placentitis, first trimester, fetus 5         | DX       | 10   | 6          | 276        | 70        | MARKER         |
| 0411419   | Placentitis, first trimester, other fetus     | DX       | 10   | 6          | 277        | 70        | MARKER         |
| O418X10   | Other specified disorders of amniotic         | DX       | 10   | 6          | 278        | 70        | MARKER         |
|           | fluid and membranes, first trimester,         |          |      |            |            |           |                |
| 0.440744  | not applicable or unspecified                 | DV       | 40   |            | 270        | 70        | MADKED         |
| O418X11   | •   | DX       | 10   | 6          | 279        | 70        | MARKER         |
|           | fluid and membranes, first trimester,         |          |      |            |            |           |                |
| O418X12   | fetus 1 Other specified disorders of amniotic | DX       | 10   | 6          | 280        | 70        | MARKER         |
| U416X1Z   | fluid and membranes, first trimester,         | DΛ       | 10   | O          | 200        | 70        | IVIARRER       |
|           | fetus 2                                       |          |      |            |            |           |                |
| O418X13   | Other specified disorders of amniotic         | DX       | 10   | 6          | 281        | 70        | MARKER         |
| 0 110/115 | fluid and membranes, first trimester,         | DΛ       | 10   | Ŭ          | 201        | , 0       | WWW.           |
|           | fetus 3                                       |          |      |            |            |           |                |
| O418X14   | Other specified disorders of amniotic         | DX       | 10   | 6          | 282        | 70        | MARKER         |
|           | fluid and membranes, first trimester,         |          |      |            |            |           |                |
|           | fetus 4                                       |          |      |            |            |           |                |
| O418X15   | Other specified disorders of amniotic         | DX       | 10   | 6          | 283        | 70        | MARKER         |
|           | fluid and membranes, first trimester,         |          |      |            |            |           |                |
|           | fetus 5                                       |          |      |            |            |           |                |
| O418X19   | Other specified disorders of amniotic         | DX       | 10   | 6          | 284        | 70        | MARKER         |
|           | fluid and membranes, first trimester,         |          |      |            |            |           |                |
|           | other fetus                                   |          |      |            |            |           |                |
| O4191X0   | Disorder of amniotic fluid and                | DX       | 10   | 6          | 285        | 70        | MARKER         |
|           | membranes, unspecified, first trimester,      |          |      |            |            |           |                |
|           | not applicable or unspecified                 |          |      |            |            |           |                |
| 0.4404144 | S   | 51/      | 4.0  | _          | 225        | 70        |                |
| O4191X1   | Disorder of amniotic fluid and                | DX       | 10   | 6          | 286        | 70        | MARKER         |
|           | membranes, unspecified, first trimester,      |          |      |            |            |           |                |
| O4191X2   | fetus 1 Disorder of amniotic fluid and        | DX       | 10   | 6          | 287        | 70        | MARKER         |
| 0419172   | membranes, unspecified, first trimester,      | DΛ       | 10   | O          | 207        | 70        | IVIARRER       |
|           | fetus 2                                       |          |      |            |            |           |                |
| O4191X3   | Disorder of amniotic fluid and                | DX       | 10   | 6          | 288        | 70        | MARKER         |
| 04131/13  | membranes, unspecified, first trimester,      | DΛ       | 10   | 5          | 200        | , 0       | IVII WINEIN    |
|           | fetus 3                                       |          |      |            |            |           |                |
|           |   |          |      |            |            |           |                |



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| System (1) | icr c3/ 03ed iii the destational Age Algori   |          | ICD  |            |            |           |                |
|------------|---|----------|------|------------|------------|-----------|----------------|
|            |   | Code     | Code |            |            | Pregnancy |                |
| Code       | Description   | Category | Туре | Priority 1 | Priority 2 | Duration  | durationanchor |
| O45021     | Premature separation of placenta with disseminated intravascular coagulation, first trimester | DX       | 10   | 6          | 312        | 70        | MARKER         |
| O45091     | Premature separation of placenta with other coagulation defect, first trimester               | DX       | 10   | 6          | 313        | 70        | MARKER         |
| O458X1     | Other premature separation of placenta, first trimester                                       | DX       | 10   | 6          | 314        | 70        | MARKER         |
| O4591      | Premature separation of placenta, unspecified, first trimester                                | DX       | 10   | 6          | 315        | 70        | MARKER         |
| O46001     | Antepartum hemorrhage with coagulation defect, unspecified, first trimester                   | DX       | 10   | 6          | 316        | 70        | MARKER         |
| O46011     | Antepartum hemorrhage with afibrinogenemia, first trimester                                   | DX       | 10   | 6          | 317        | 70        | MARKER         |
| O46021     | Antepartum hemorrhage with disseminated intravascular coagulation, first trimester            | DX       | 10   | 6          | 318        | 70        | MARKER         |
| O46091     | Antepartum hemorrhage with other coagulation defect, first trimester                          | DX       | 10   | 6          | 319        | 70        | MARKER         |
| O468X1     | Other antepartum hemorrhage, first trimester  | DX       | 10   | 6          | 320        | 70        | MARKER         |
| O4691      | Antepartum hemorrhage, unspecified, first trimester   | DX       | 10   | 6          | 321        | 70        | MARKER         |
| O88011     | Air embolism in pregnancy, first trimester  | DX       | 10   | 6          | 322        | 70        | MARKER         |
| 088111     | Amniotic fluid embolism in pregnancy, first trimester   | DX       | 10   | 6          | 323        | 70        | MARKER         |
| O88211     | Thromboembolism in pregnancy, first trimester   | DX       | 10   | 6          | 324        | 70        | MARKER         |
| 088311     | Pyemic and septic embolism in pregnancy, first trimester                                      | DX       | 10   | 6          | 325        | 70        | MARKER         |
| O88811     | Other embolism in pregnancy, first trimester  | DX       | 10   | 6          | 326        | 70        | MARKER         |
| O91011     | Infection of nipple associated with pregnancy, first trimester                                | DX       | 10   | 6          | 327        | 70        | MARKER         |
| 091111     | Abscess of breast associated with pregnancy, first trimester                                  | DX       | 10   | 6          | 328        | 70        | MARKER         |
| 091211     | Nonpurulent mastitis associated with pregnancy, first trimester                               | DX       | 10   | 6          | 329        | 70        | MARKER         |
| 092011     | Retracted nipple associated with pregnancy, first trimester                                   | DX       | 10   | 6          | 330        | 70        | MARKER         |
| 092111     | Cracked nipple associated with pregnancy, first trimester                                     | DX       | 10   | 6          | 331        | 70        | MARKER         |

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| System (F | HCPCS) Used in the Gestational Age Algori        | tnm      | ICD         |            |            |           |                |
|-----------|--|----------|-------------|------------|------------|-----------|----------------|
|           |  | Code     | ICD<br>Code |            |            | Pregnancy |                |
| Code      | Description                                      | Category | Type        | Priority 1 | Priority 2 | Duration  | durationanchor |
| 098011    | Tuberculosis complicating pregnancy,             | DX       | 10          | 6          | 332        | 70        | MARKER         |
| 000011    | first trimester                                  | 27.      |             | · ·        | 332        |           |                |
| 098111    | Syphilis complicating pregnancy, first           | DX       | 10          | 6          | 333        | 70        | MARKER         |
|           | trimester  |          |             |            |            |           |                |
| 098211    | Gonorrhea complicating pregnancy,                | DX       | 10          | 6          | 334        | 70        | MARKER         |
|           | first trimester                                  |          |             |            |            |           |                |
| 098311    | Other infections with a predominantly            | DX       | 10          | 6          | 335        | 70        | MARKER         |
|           | sexual mode of transmission                      |          |             |            |            |           |                |
|           | complicating pregnancy, first trimester          |          |             |            |            |           |                |
| 098411    | Viral hepatitis complicating pregnancy,          | DX       | 10          | 6          | 336        | 70        | MARKER         |
|           | first trimester                                  |          |             |            |            |           |                |
| 098511    | Other viral diseases complicating                | DX       | 10          | 6          | 337        | 70        | MARKER         |
|           | pregnancy, first trimester                       |          |             |            |            |           |                |
| O98611    | Protozoal diseases complicating                  | DX       | 10          | 6          | 338        | 70        | MARKER         |
|           | pregnancy, first trimester                       |          |             |            |            |           |                |
| O98711    | Human immunodeficiency virus [HIV]               | DX       | 10          | 6          | 339        | 70        | MARKER         |
|           | disease complicating pregnancy, first trimester  |          |             |            |            |           |                |
| O98811    | Other maternal infectious and parasitic          | DX       | 10          | 6          | 340        | 70        | MARKER         |
| 030011    | diseases complicating pregnancy, first           | DΛ       | 10          | Ü          | 340        | 7.0       | WWW.           |
|           | trimester  |          |             |            |            |           |                |
| 098911    | Unspecified maternal infectious and              | DX       | 10          | 6          | 341        | 70        | MARKER         |
|           | parasitic disease complicating                   |          |             |            |            |           |                |
|           | pregnancy, first trimester                       |          |             |            |            |           |                |
| 099011    | Anemia complicating pregnancy, first             | DX       | 10          | 6          | 342        | 70        | MARKER         |
| 000111    | trimester Other diseases of the blood and blood- | DV       | 10          | c          | 242        | 70        | MARKER         |
| O99111    | forming organs and certain disorders             | DX       | 10          | 6          | 343        | 70        | MARKER         |
|           | involving the immune mechanism                   |          |             |            |            |           |                |
|           | complicating pregnancy, first trimester          |          |             |            |            |           |                |
|           |  |          |             |            |            |           |                |
| 099211    | Obesity complicating pregnancy, first            | DX       | 10          | 6          | 344        | 70        | MARKER         |
|           | trimester  |          |             |            |            |           |                |
| O99281    | Endocrine, nutritional and metabolic             | DX       | 10          | 6          | 345        | 70        | MARKER         |
|           | diseases complicating pregnancy, first           |          |             |            |            |           |                |
| O99311    | trimester Alcohol use complicating pregnancy,    | DX       | 10          | 6          | 346        | 70        | MARKER         |
| 099311    | first trimester                                  | DX       | 10          | U          | 340        | 70        | WARRER         |
| 099321    | Drug use complicating pregnancy, first           | DX       | 10          | 6          | 347        | 70        | MARKER         |
|           | trimester  |          |             |            | -          |           |                |
| 099331    | Smoking (tobacco) complicating                   | DX       | 10          | 6          | 348        | 70        | MARKER         |
|           | pregnancy, first trimester                       |          |             |            |            |           |                |
| O99341    | Other mental disorders complicating              | DX       | 10          | 6          | 349        | 70        | MARKER         |
|           | pregnancy, first trimester                       |          |             |            |            |           |                |

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| System (H | ICPCS) Used in the Gestational Age Algori   | tnm      | ICD  |            |            |           |                |
|-----------|---|----------|------|------------|------------|-----------|----------------|
|           |   | Code     | Code |            |            | Pregnancy |                |
| Code      | Description   | Category | Type | Priority 1 | Priority 2 | Duration  | durationanchor |
| O99351    | Diseases of the nervous system complicating pregnancy, first trimester                                      | DX       | 10   | 6          | 350        | 70        | MARKER         |
| 099411    | Diseases of the circulatory system complicating pregnancy, first trimester                                  | DX       | 10   | 6          | 351        | 70        | MARKER         |
| 099511    | Diseases of the respiratory system complicating pregnancy, first trimester                                  | DX       | 10   | 6          | 352        | 70        | MARKER         |
| 099611    | Diseases of the digestive system complicating pregnancy, first trimester                                    | DX       | 10   | 6          | 353        | 70        | MARKER         |
| 099711    | Diseases of the skin and subcutaneous tissue complicating pregnancy, first trimester                        | DX       | 10   | 6          | 354        | 70        | MARKER         |
| O99841    | Bariatric surgery status complicating pregnancy, first trimester  | DX       | 10   | 6          | 355        | 70        | MARKER         |
| O9A111    | Malignant neoplasm complicating pregnancy, first trimester  | DX       | 10   | 6          | 356        | 70        | MARKER         |
| O9A211    | Injury, poisoning and certain other consequences of external causes complicating pregnancy, first trimester | DX       | 10   | 6          | 357        | 70        | MARKER         |
| O9A311    | Physical abuse complicating pregnancy, first trimester  | DX       | 10   | 6          | 358        | 70        | MARKER         |
| O9A411    | Sexual abuse complicating pregnancy, first trimester  | DX       | 10   | 6          | 359        | 70        | MARKER         |
| O9A511    | Psychological abuse complicating pregnancy, first trimester   | DX       | 10   | 6          | 360        | 70        | MARKER         |
| Z3401     | Encounter for supervision of normal first pregnancy, first trimester  | DX       | 10   | 6          | 361        | 70        | MARKER         |
| Z3481     | Encounter for supervision of other normal pregnancy, first trimester  | DX       | 10   | 6          | 362        | 70        | MARKER         |
| Z3491     | Encounter for supervision of normal pregnancy, unspecified, first trimester                                 | DX       | 10   | 6          | 363        | 70        | MARKER         |
| O6010X0   | Preterm labor with preterm delivery,<br>unspecified trimester, not applicable or<br>unspecified             | DX       | 10   | 7          | 1          | 245       | OUTCOME        |
| O6010X1   | Preterm labor with preterm delivery, unspecified trimester, fetus 1   | DX       | 10   | 7          | 2          | 245       | OUTCOME        |
| O6010X2   | Preterm labor with preterm delivery, unspecified trimester, fetus 2   | DX       | 10   | 7          | 3          | 245       | OUTCOME        |
| O6010X3   | Preterm labor with preterm delivery, unspecified trimester, fetus 3   | DX       | 10   | 7          | 4          | 245       | OUTCOME        |

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|         | er est este in the destational Age Algori  |          | ICD  |            |            |           |                |
|---------|--|----------|------|------------|------------|-----------|----------------|
|         |  | Code     | Code |            |            | Pregnancy |                |
| Code    | Description  | Category | Type | Priority 1 | Priority 2 | Duration  | durationanchor |
| O6010X4 | Preterm labor with preterm delivery, unspecified trimester, fetus 4  | DX       | 10   | 7          | 5          | 245       | OUTCOME        |
| O6010X5 | Preterm labor with preterm delivery, unspecified trimester, fetus 5  | DX       | 10   | 7          | 6          | 245       | OUTCOME        |
| O6010X9 | Preterm labor with preterm delivery, unspecified trimester, other fetus  | DX       | 10   | 7          | 7          | 245       | OUTCOME        |
| O42019  | Preterm premature rupture of membranes, onset of labor within 24 hours of rupture, unspecified trimester                           | DX       | 10   | 7          | 8          | 245       | OUTCOME        |
| O42119  | Preterm premature rupture of membranes, onset of labor more than 24 hours following rupture, unspecified trimester                 | DX       | 10   | 7          | 9          | 245       | OUTCOME        |
| O42919  | Preterm premature rupture of membranes, unspecified as to length of time between rupture and onset of labor, unspecified trimester | DX       | 10   | 7          | 10         | 245       | OUTCOME        |
| P0718   | Other low birth weight newborn, 2000-2499 grams  | DX       | 10   | 8          | 1          | 238       | OUTCOME        |
| P0717   | Other low birth weight newborn, 1750-<br>1999 grams  | DX       | 10   | 8          | 2          | 224       | OUTCOME        |
| P0716   | Other low birth weight newborn, 1500-<br>1749 grams  | DX       | 10   | 8          | 3          | 217       | OUTCOME        |
| P0715   | Other low birth weight newborn, 1250-<br>1499 grams  | DX       | 10   | 8          | 4          | 210       | OUTCOME        |
| P0714   | Other low birth weight newborn, 1000-<br>1249 grams  | DX       | 10   | 8          | 5          | 203       | OUTCOME        |
| P0710   | Other low birth weight newborn, unspecified weight   | DX       | 10   | 8          | 6          | 154       | OUTCOME        |
| P0703   | Extremely low birth weight newborn, 750-999 grams  | DX       | 10   | 8          | 7          | 189       | OUTCOME        |
| P0702   | Extremely low birth weight newborn, 500-749 grams  | DX       | 10   | 8          | 8          | 175       | OUTCOME        |
| P0700   | Extremely low birth weight newborn, unspecified weight   | DX       | 10   | 8          | 9          | 154       | OUTCOME        |
| P0701   | Extremely low birth weight newborn, less than 500 grams  | DX       | 10   | 8          | 9          | 154       | OUTCOME        |



Appendix C. International Classification of Diseases, 9th Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, 10th Revision, Clinical Modification (ICD-10-CM) Codes Used to Define Live Birth Pregnancies.

|       |  | Code     | ICD Code | Inpatient Prinicipal |
|-------|--|----------|----------|----------------------|
| Code  | Description  | Category | Туре     | DX Any position      |
| 080   | Encounter for full-term uncomplicated delivery                           | DX       | 10       | IP*                  |
| Z370  | Single live birth  | DX       | 10       | IP*                  |
| Z372  | Twins, both liveborn   | DX       | 10       | IP*                  |
| Z3750 | Multiple births, unspecified, all liveborn                               | DX       | 10       | IP*                  |
| Z3751 | Triplets, all liveborn   | DX       | 10       | IP*                  |
| Z3752 | Quadruplets, all liveborn  | DX       | 10       | IP*                  |
| Z3753 | Quintuplets, all liveborn  | DX       | 10       | IP*                  |
| Z3754 | Sextuplets, all liveborn   | DX       | 10       | IP*                  |
| Z3759 | Other multiple births, all liveborn                                      | DX       | 10       | IP*                  |
| Z3800 | Single liveborn infant, delivered vaginally                              | DX       | 10       | IP*                  |
| Z3801 | Single liveborn infant, delivered by cesarean                            | DX       | 10       | IP*                  |
| Z381  | Single liveborn infant, born outside hospital                            | DX       | 10       | IP*                  |
| Z382  | Single liveborn infant, unspecified as to place of birth                 | DX       | 10       | IP*                  |
| Z3830 | Twin liveborn infant, delivered vaginally                                | DX       | 10       | IP*                  |
| Z3831 | Twin liveborn infant, delivered by cesarean                              | DX       | 10       | IP*                  |
| Z384  | Twin liveborn infant, born outside hospital                              | DX       | 10       | IP*                  |
| Z385  | Twin liveborn infant, unspecified as to place of birth                   | DX       | 10       | IP*                  |
| Z3861 | Triplet liveborn infant, delivered vaginally                             | DX       | 10       | IP*                  |
| Z3862 | Triplet liveborn infant, delivered by cesarean                           | DX       | 10       | IP*                  |
| Z3863 | Quadruplet liveborn infant, delivered vaginally                          | DX       | 10       | IP*                  |
| Z3864 | Quadruplet liveborn infant, delivered by cesarean                        | DX       | 10       | IP*                  |
| Z3865 | Quintuplet liveborn infant, delivered vaginally                          | DX       | 10       | IP*                  |
| Z3866 | Quintuplet liveborn infant, delivered by cesarean                        | DX       | 10       | IP*                  |
| Z3868 | Other multiple liveborn infant, delivered vaginally                      | DX       | 10       | IP*                  |
| Z3869 | Other multiple liveborn infant, delivered by cesarean                    | DX       | 10       | IP*                  |
| Z387  | Other multiple liveborn infant, born outside hospital                    | DX       | 10       | IP*                  |
| Z388  | Other multiple liveborn infant, unspecified as to place of birth         | DX       | 10       | IP*                  |
| 650   | Normal delivery  | DX       | 09       | IP*                  |
| V270  | Outcome of delivery, single liveborn                                     | DX       | 09       | IP*                  |
| V272  | Outcome of delivery, twins, both liveborn                                | DX       | 09       | IP*                  |
| V275  | Outcome of delivery, other multiple birth, all liveborn                  | DX       | 09       | IP*                  |
| V30   | Single liveborn  | DX       | 09       | IP*                  |
| V300  | Single liveborn, born in hospital  | DX       | 09       | IP*                  |
|       | Single liveborn, born in hospital, delivered without mention of cesarean |          |          |                      |
| V3000 | delivery   | DX       | 09       | IP*                  |
| V3001 | Single liveborn, born in hospital, delivered by cesarean delivery        | DX       | 09       | IP*                  |
| V301  | Single liveborn, born before admission to hospital                       | DX       | 09       | IP*                  |
| V302  | Single liveborn, born outside hospital and not hospitalized              | DX       | 09       | IP*                  |
| V31   | Twin birth, mate liveborn  | DX       | 09       | IP*                  |
| V310  | Twin, mate liveborn, born in hospital                                    | DX       | 09       | IP*                  |
|       | Twin, mate liveborn, born in hospital, delivered without mention of      |          |          |                      |
| V3100 | cesarean delivery  | DX       | 09       | IP*                  |
| V3101 | Twin, mate liveborn, born in hospital, delivered by cesarean delivery    | DX       | 09       | IP*                  |
| V311  | Twin birth, mate liveborn, born before admission to hospital             | DX       | 09       | IP*                  |
| V312  | Twin birth, mate liveborn, born outside hospital and not hospitalized    | DX       | 09       | IP*                  |

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|       |   | Code     | ICD Code | Inpatient Prinicipal |
|-------|---|----------|----------|----------------------|
| Code  | Description   | Category | Type     | DX Any position      |
| V34   | Other multiple birth (three or more), mates all liveborn                    | DX       | 09       | IP*                  |
| V340  | Other multiple, mates all liveborn, born in hospital                        | DX       | 09       | IP*                  |
|       | Other multiple, mates all liveborn, born in hospital, delivered without     |          |          |                      |
| V3400 | mention of cesarean delivery  | DX       | 09       | IP*                  |
|       | Other multiple, mates all liveborn, born in hospital, delivered by cesarean |          |          |                      |
| V3401 | delivery  | DX       | 09       | IP*                  |
|       | Other multiple birth (three or more), mates all liveborn, born before       |          |          |                      |
| V341  | admission to hospital   | DX       | 09       | IP*                  |
|       | Other multiple birth (three or more), mates all liveborn, born outside      |          |          |                      |
| V342  | hospital and not hospitalized   | DX       | 09       | IP*                  |
| V39   | Liveborn, unspecified whether single, twin, or multiple                     | DX       | 09       | IP*                  |
|       | Other liveborn, unspecified whether single, twin, or multiple, born in      |          |          |                      |
| V390  | hospital  | DX       | 09       | IP*                  |
|       | Liveborn infant, unspecified whether single, twin, or multiple, born in     |          |          |                      |
| V3900 | hospital, delivered without mention of cesarean delivery                    | DX       | 09       | IP*                  |
|       | Liveborn infant, unspecified whether single, twin, or multiple, born in     |          |          |                      |
| V3901 | hospital, delivered by cesarean   | DX       | 09       | IP*                  |
|       | Liveborn, unspecified whether single, twin or multiple, born before         |          |          |                      |
| V391  | admission to hospital   | DX       | 09       | IP*                  |
|       | Liveborn, unspecified whether single, twin or multiple, born outside        |          |          |                      |
| V392  | hospital and not hospitalized   | DX       | 09       | IP*                  |



## Appendix D. List of Healthcare Common Procedure Coding System (HCPCS) Used to Define Syphilis Testing

|       |  | Code     | Procedure |
|-------|--|----------|-----------|
| Code  | Description  | Category | Code Type |
| 80055 | Obstetric panel This panel must include the following: Blood count, complete (CBC),                  | PX       | C4        |
|       | automated and automated differential WBC count (85025 or 85027 and 85004) OR Blood                   |          |           |
|       | count, complete (CBC), automated (85027) and appropriate manual differential WBC count               |          |           |
|       | (85007 or 85009) Hepatitis B surface antigen (HBsAg) (87340) Antibody, rubella (86762)               |          |           |
|       | Syphilis test, non-treponemal antibody; qualitative (eg, VDRL, RPR, ART) (86592) Antibody            |          |           |
|       | screen, RBC, each serum technique (86850) Blood typing, ABO (86900) AND Blood typing, Rh (D) (86901) |          |           |
|       | Screening for sexually transmitted infections, includes laboratory tests for chlamydia,              |          |           |
| G0450 | gonorrhea, syphilis and hepatitis B  | PX       | HC        |
| 3512F | Syphilis screening documented as performed (HIV)   | PX       | C2        |
| 86592 | Syphilis test, non-treponemal antibody; qualitative (eg, VDRL, RPR, ART)                             | PX       | C4        |
| 86593 | Syphilis test, non-treponemal antibody; quantitative   | PX       | C4        |
| 0065U | Syphilis test, non-treponemal antibody, immunoassay, qualitative (RPR)                               | PX       | C4        |
| 0210U | Syphilis test, non-treponemal antibody, immunoassay, quantitative (RPR)                              | PX       | C4        |
| 86780 | Antibody; Treponema pallidum   | PX       | C4        |
| 86781 | Antibody; treponema pallidum   | PX       | C4        |
| 87285 | Infectious agent antigen detection by immunofluorescent technique; Treponema pallidum                | PX       | C4        |
|       | Antibody, Treponema pallidum, total and rapid plasma reagin (RPR), immunoassay,                      |          |           |
| 0064U | qualitative  | PX       | C4        |
|       | Obstetric panel (includes HIV testing) This panel must include the following: Blood count,           |          |           |
|       | complete (CBC), and automated differential WBC count (85025 or 85027 and 85004) OR                   |          |           |
|       | Blood count, complete (CBC), automated (85027) and appropriate manual differential WBC               |          |           |
|       | count (85007 or 85009) Hepatitis B surface antigen (HBsAg) (87340) HIV-1 antigen(s), with            |          |           |
|       | HIV-1 and HIV-2 antibodies, single result (87389) Antibody, rubella (86762) Syphilis test, non-      |          |           |
| 0000: | treponemal antibody; qualitative (eg, VDRL, RPR, ART) (86592) Antibody screen, RBC, each             | 51/      |           |
| 80081 | serum technique (86850) Blood typing, ABO (86900) AND Blood typing, Rh (D) (86901)                   | PX       | C4        |



|        |  |          | Diagnosis |
|--------|--|----------|-----------|
| Code   | Description  | Code     | Code      |
|        | •  | Category | Туре      |
| 090.40 | Unspecified juvenile neurosyphilis   | DX       | 09        |
| 090.49 | Other juvenile neurosyphilis   | DX       | 09        |
| 091.0  | Genital syphilis (primary)   | DX       | 09        |
| 091.1  | Primary anal syphilis  | DX       | 09        |
| 091.2  | Other primary syphilis   | DX       | 09        |
| 091.3  | Secondary syphilis of skin or mucous membranes   | DX       | 09        |
| 092.0  | Early syphilis, latent, serological relapse after treatment  | DX       | 09        |
| 092.9  | Early syphilis, latent, unspecified  | DX       | 09        |
| 093.89 | Other specified cardiovascular syphilis  | DX       | 09        |
| 093.9  | Unspecified cardiovascular syphilis  | DX       | 09        |
| 094.3  | Asymptomatic neurosyphilis   | DX       | 09        |
| 094.82 | Syphilitic Parkinsonism  | DX       | 09        |
| 094.83 | Syphilitic disseminated retinochoroiditis  | DX       | 09        |
| 094.87 | Syphilitic ruptured cerebral aneurysm  | DX       | 09        |
| 094.89 | Other specified neurosyphilis  | DX       | 09        |
| 094.9  | Unspecified neurosyphilis  | DX       | 09        |
| 095.1  | Syphilis of lung   | DX       | 09        |
| 095.2  | Syphilitic peritonitis   | DX       | 09        |
| 095.3  | Syphilis of liver  | DX       | 09        |
| 095.4  | Syphilis of kidney   | DX       | 09        |
| 095.5  | Syphilis of bone   | DX       | 09        |
| 095.6  | Syphilis of muscle   | DX       | 09        |
| 095.7  | Syphilis of synovium, tendon, and bursa  | DX       | 09        |
| 095.8  | Other specified forms of late symptomatic syphilis   | DX       | 09        |
| 095.9  | Unspecified late symptomatic syphilis  | DX       | 09        |
| 096    | Late syphilis, latent  | DX       | 09        |
| 097.0  | Unspecified late syphilis  | DX       | 09        |
| 097.1  | Unspecified latent syphilis  | DX       | 09        |
| 097.9  | Unspecified syphilis   | DX       | 09        |
| 104.0  | Nonvenereal endemic syphilis   | DX       | 09        |
| 647.00 | Maternal syphilis, complicating pregnancy, childbirth, or the puerperium, unspecified as to episod | DX       | 09        |
| 647.01 | Maternal syphilis, complicating pregnancy, with delivery   | DX       | 09        |
| 647.02 | Maternal syphilis, complicating pregnancy, with delivery, with current postpartum complication     | DX       | 09        |
| 647.03 | Maternal syphilis, antepartum  | DX       | 09        |
| 647.04 | Maternal syphilis complicating pregnancy, childbrith, or the puerperium, postpartum condition or   | DX       | 09        |
| A51    | Early syphilis   | DX       | 10        |
| A51.0  | Primary genital syphilis   | DX       | 10        |
| A51.1  | Primary anal syphilis  | DX       | 10        |
| A51.2  | Primary syphilis of other sites  | DX       | 10        |
| A51.3  | Secondary syphilis of skin and mucous membranes  | DX       | 10        |
| -      | • •  |          |           |

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|         |  | Code     | Diagnosis<br>Code |
|---------|--|----------|-------------------|
| Code    | Description  | Category | Type              |
| A51.39  | Other secondary syphilis of skin                               | DX       | 10                |
| A51.4   | Other secondary syphilis                                       | DX       | 10                |
| A51.5   | Early syphilis, latent   | DX       | 10                |
| A51.9   | Early syphilis, unspecified                                    | DX       | 10                |
| A52     | Late syphilis  | DX       | 10                |
| A52.0   | Cardiovascular and cerebrovascular syphilis                    | DX       | 10                |
| A52.00  | Cardiovascular syphilis, unspecified                           | DX       | 10                |
| A52.05  | Other cerebrovascular syphilis                                 | DX       | 10                |
| A52.09  | Other cardiovascular syphilis                                  | DX       | 10                |
| A52.1   | Symptomatic neurosyphilis                                      | DX       | 10                |
| A52.10  | Symptomatic neurosyphilis, unspecified                         | DX       | 10                |
| A52.12  | Other cerebrospinal syphilis                                   | DX       | 10                |
| A52.19  | Other symptomatic neurosyphilis                                | DX       | 10                |
| A52.2   | Asymptomatic neurosyphilis                                     | DX       | 10                |
| A52.3   | Neurosyphilis, unspecified                                     | DX       | 10                |
| A52.7   | Other symptomatic late syphilis                                | DX       | 10                |
| A52.72  | Syphilis of lung and bronchus                                  | DX       | 10                |
| A52.73  | Symptomatic late syphilis of other respiratory organs          | DX       | 10                |
| A52.74  | Syphilis of liver and other viscera                            | DX       | 10                |
| A52.75  | Syphilis of kidney and ureter                                  | DX       | 10                |
| A52.76  | Other genitourinary symptomatic late syphilis                  | DX       | 10                |
| A52.77  | Syphilis of bone and joint                                     | DX       | 10                |
| A52.78  | Syphilis of other musculoskeletal tissue                       | DX       | 10                |
| A52.79  | Other symptomatic late syphilis                                | DX       | 10                |
| A52.8   | Late syphilis, latent  | DX       | 10                |
| A52.9   | Late syphilis, unspecified                                     | DX       | 10                |
| A53     | Other and unspecified syphilis                                 | DX       | 10                |
| A53.0   | Latent syphilis, unspecified as early or late                  | DX       | 10                |
| A53.9   | Syphilis, unspecified  | DX       | 10                |
| A65     | Nonvenereal syphilis   | DX       | 10                |
| 098.1   | Syphilis complicating pregnancy, childbirth and the puerperium | DX       | 10                |
| 098.11  | Syphilis complicating pregnancy                                | DX       | 10                |
| 098.111 | Syphilis complicating pregnancy, first trimester               | DX       | 10                |
| 098.112 | Syphilis complicating pregnancy, second trimester              | DX       | 10                |
| 098.113 | Syphilis complicating pregnancy, third trimester               | DX       | 10                |
| 098.119 | Syphilis complicating pregnancy, unspecified trimester         | DX       | 10                |
| 098.12  | Syphilis complicating childbirth                               | DX       | 10                |
| 098.13  | Syphilis complicating the puerperium                           | DX       | 10                |
| 090.0   | Early congenital syphilis, symptomatic                         | DX       | 09                |
| 090.1   | Early congenital syphilis, latent                              | DX       | 09                |

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|        |   |          | Diagnosis |
|--------|---|----------|-----------|
| Codo   | Description   | Code     | Code      |
| Code   | Description  Factor congenital combilis unspecified                       | Category | Туре      |
| 090.2  | Early congenital syphilis, unspecified  Syphilitic interstitial keratitis | DX       | 09        |
| 090.3  | ··  | DX       | 09        |
| 090.41 | Congenital syphilitic encephalitis  | DX       | 09        |
| 090.42 | Congenital syphilitic meningitis  | DX       | 09        |
| 090.5  | Other late congenital syphilis, symptomatic                               | DX       | 09        |
| 090.6  | Late congenital syphilis, latent  | DX       | 09        |
| 090.7  | Late congenital syphilis, unspecified                                     | DX       | 09        |
| 090.9  | Congenital syphilis, unspecified  | DX       | 09        |
| 091.4  | Adenopathy due to secondary syphilis                                      | DX       | 09        |
| 091.50 | Syphilitic uveitis, unspecified   | DX       | 09        |
| 091.51 | Syphilitic chorioretinitis (secondary)                                    | DX       | 09        |
| 091.52 | Syphilitic iridocyclitis (secondary)                                      | DX       | 09        |
| 091.61 | Secondary syphilitic periostitis  | DX       | 09        |
| 091.62 | Secondary syphilitic hepatitis  | DX       | 09        |
| 091.69 | Secondary syphilis of other viscera                                       | DX       | 09        |
| 091.7  | Secondary syphilis, relapse   | DX       | 09        |
| 091.81 | Acute syphilitic meningitis (secondary)                                   | DX       | 09        |
| 091.82 | Syphilitic alopecia   | DX       | 09        |
| 091.89 | Other forms of secondary syphilis   | DX       | 09        |
| 091.9  | Unspecified secondary syphilis  | DX       | 09        |
| 093.0  | Aneurysm of aorta, specified as syphilitic                                | DX       | 09        |
| 093.1  | Syphilitic aortitis   | DX       | 09        |
| 093.20 | Syphilitic endocarditis of valve, unspecified                             | DX       | 09        |
| 093.21 | Syphilitic endocarditis of mitral valve                                   | DX       | 09        |
| 093.22 | Syphilitic endocarditis of aortic valve                                   | DX       | 09        |
| 093.23 | Syphilitic endocarditis of tricuspid valve                                | DX       | 09        |
| 093.24 | Syphilitic endocarditis of pulmonary valve                                | DX       | 09        |
| 093.81 | Syphilitic pericarditis   | DX       | 09        |
| 093.82 | Syphilitic myocarditis  | DX       | 09        |
| 094.0  | Tabes dorsalis  | DX       | 09        |
| 094.1  | General paresis   | DX       | 09        |
| 094.2  | Syphilitic meningitis   | DX       | 09        |
| 094.81 | Syphilitic encephalitis   | DX       | 09        |
| 094.84 | Syphilitic optic atrophy  | DX       | 09        |
| 094.85 | Syphilitic retrobulbar neuritis   | DX       | 09        |
| 094.86 | Syphilitic acoustic neuritis  | DX       | 09        |
| 095.0  | Syphilitic episcleritis   | DX       | 09        |
| A50.01 | Early congenital syphilitic oculopathy                                    | DX       | 10        |
| A50.02 | Early congenital syphilitic osteochondropathy                             | DX       | 10        |
| A50.03 | Early congenital syphilitic pharyngitis                                   | DX       | 10        |



|        |   |                  | Diagnosis    |
|--------|---|------------------|--------------|
| Code   | Description   | Code<br>Category | Code<br>Type |
| A50.04 | Early congenital syphilitic pneumonia                                       | DX               | 10           |
| A50.04 | Early congenital syphilitic pheumonia  Early congenital syphilitic rhinitis | DX               | 10           |
| A50.06 | Early cutaneous congenital syphilis   | DX               | 10           |
| A50.07 | Early mucocutaneous congenital syphilis                                     | DX               | 10           |
| A50.07 | Early visceral congenital syphilis  | DX               | 10           |
| A50.09 | Other early congenital syphilis, symptomatic                                | DX               | 10           |
| A50.03 | Early congenital syphilis, latent   | DX               | 10           |
| A50.1  | Early congenital syphilis, unspecified                                      | DX               | 10           |
| A50.20 | Late congenital syphilitic oculopathy, unspecified                          | DX               | 10           |
| A50.31 | Late congenital syphilitic interstitial keratitis                           | DX               | 10           |
| A50.32 | Late congenital syphilitic chorioretinitis                                  | DX               | 10           |
| A50.39 | Other late congenital syphilitic oculopathy                                 | DX               | 10           |
| A50.40 | Late congenital neurosyphilis, unspecified                                  | DX               | 10           |
| A50.41 | Late congenital syphilitic meningitis                                       | DX               | 10           |
| A50.42 | Late congenital syphilitic encephalitis                                     | DX               | 10           |
| A50.43 | Late congenital syphilitic polyneuropathy                                   | DX               | 10           |
| A50.44 | Late congenital syphilitic optic nerve atrophy                              | DX               | 10           |
| A50.45 | Juvenile general paresis  | DX               | 10           |
| A50.49 | Other late congenital neurosyphilis   | DX               | 10           |
| A50.51 | Clutton's joints  | DX               | 10           |
| A50.52 | Hutchinson's teeth  | DX               | 10           |
| A50.53 | Hutchinson's triad  | DX               | 10           |
| A50.54 | Late congenital cardiovascular syphilis                                     | DX               | 10           |
| A50.55 | Late congenital syphilitic arthropathy                                      | DX               | 10           |
| A50.56 | Late congenital syphilitic osteochondropathy                                | DX               | 10           |
| A50.57 | Syphilitic saddle nose  | DX               | 10           |
| A50.59 | Other late congenital syphilis, symptomatic                                 | DX               | 10           |
| A50.6  | Late congenital syphilis, latent  | DX               | 10           |
| A50.7  | Late congenital syphilis, unspecified                                       | DX               | 10           |
| A50.9  | Congenital syphilis, unspecified  | DX               | 10           |
| A51.31 | Condyloma latum   | DX               | 10           |
| A51.32 | Syphilitic alopecia   | DX               | 10           |
| A51.41 | Secondary syphilitic meningitis   | DX               | 10           |
| A51.42 | Secondary syphilitic female pelvic disease                                  | DX               | 10           |
| A51.43 | Secondary syphilitic oculopathy   | DX               | 10           |
| A51.44 | Secondary syphilitic nephritis  | DX               | 10           |
| A51.45 | Secondary syphilitic hepatitis  | DX               | 10           |
| A51.46 | Secondary syphilitic osteopathy   | DX               | 10           |
| A51.49 | Other secondary syphilitic conditions                                       | DX               | 10           |
| A52.01 | Syphilitic aneurysm of aorta  | DX               | 10           |

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| Code   | Description                        | Code<br>Category | Diagnosis<br>Code<br>Type |
|--------|------------------------------------|------------------|---------------------------|
| A52.02 | Syphilitic aortitis                | DX               | 10                        |
| A52.03 | Syphilitic endocarditis            | DX               | 10                        |
| A52.04 | Syphilitic cerebral arteritis      | DX               | 10                        |
| A52.06 | Other syphilitic heart involvement | DX               | 10                        |
| A52.11 | Tabes dorsalis                     | DX               | 10                        |
| A52.13 | Late syphilitic meningitis         | DX               | 10                        |
| A52.14 | Late syphilitic encephalitis       | DX               | 10                        |
| A52.15 | Late syphilitic neuropathy         | DX               | 10                        |
| A52.16 | Charcot's arthropathy (tabetic)    | DX               | 10                        |
| A52.17 | General paresis                    | DX               | 10                        |



# Appendix F. List of Healthcare Common Procedure Coding System (HCPCS) Used to Define Syphilis Treatment for Infants in this Request

| Code Description  | Code Category | Code Type |
|---|---------------|-----------|
| J0558 Injection, penicillin G benzathine and penicillin G procaine, 100,000 units         | PX            | НС        |
| J0560 Injection, penicillin G benzathine, up to 600,000 units                             | PX            | НС        |
| J0540 Injection, penicillin G benzathine and penicillin G procaine, up to 1,200,000 units | PX            | НС        |
| J0550 Injection, penicillin G benzathine and penicillin G procaine, up to 2,400,000 units | PX            | НС        |
| J0530 Injection, penicillin G benzathine and penicillin G procaine, up to 600,000 units   | PX            | НС        |
| J0559 Injection, penicillin G benzathine and penicillin G procaine, 2500 units            | PX            | HC        |
| J0580 Injection, penicillin G benzathine, up to 2,400,000 units                           | PX            | НС        |
| J2510 Injection, penicillin G procaine, aqueous, up to 600,000 units                      | PX            | НС        |
| J0561 Injection, penicillin G benzathine, 100,000 units                                   | PX            | НС        |
| J2540 Injection, penicillin G potassium, up to 600,000 units                              | PX            | НС        |

# Appendix G List of National Drug Codes (NDCs) and Healthcare Common Procedure Coding System (HCPCS) Codes Used to Define Standard Syphilis Treatment for Pregnant Individuals

| Code        | Description   | Code Category | Code Type |
|-------------|---|---------------|-----------|
| J0580       | Injection, penicillin G benzathine, up to 2,400,000 units | PX            | HC        |
| J0560       | Injection, penicillin G benzathine, up to 600,000 units   | PX            | HC        |
| J0561       | Injection, penicillin G benzathine, 100,000 units         | PX            | HC        |
| 50090101600 | penicillin G benzathine                                   | RX            | ND        |
| 50090101601 | penicillin G benzathine                                   | RX            | ND        |
| 54569587701 | penicillin G benzathine                                   | RX            | ND        |
| 60793070001 | penicillin G benzathine                                   | RX            | ND        |
| 60793070010 | penicillin G benzathine                                   | RX            | ND        |
| 60793070102 | penicillin G benzathine                                   | RX            | ND        |
| 60793070110 | penicillin G benzathine                                   | RX            | ND        |
| 60793070204 | penicillin G benzathine                                   | RX            | ND        |
| 60793070210 | penicillin G benzathine                                   | RX            | ND        |
| 54868075301 | penicillin G benzathine                                   | RX            | ND        |
| 50090101600 | penicillin G benzathine                                   | PX            | ND        |
| 50090101601 | penicillin G benzathine                                   | PX            | ND        |
| 54569587701 | penicillin G benzathine                                   | PX            | ND        |
| 60793070001 | penicillin G benzathine                                   | PX            | ND        |
| 60793070010 | penicillin G benzathine                                   | PX            | ND        |
| 60793070102 | penicillin G benzathine                                   | PX            | ND        |
| 60793070110 | penicillin G benzathine                                   | PX            | ND        |
| 60793070204 | penicillin G benzathine                                   | PX            | ND        |
| 60793070210 | penicillin G benzathine                                   | PX            | ND        |
| 54868075301 | penicillin G benzathine                                   | PX            | ND        |

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Appendix H. List of Healthcare Common Procedure Coding System (HCPCS) Codes Used to Define Non-Standard Syphilis Treatment

| Code  | Description   | Code Category | Code Type |
|-------|---|---------------|-----------|
| J0540 | Injection, penicillin G benzathine and penicillin G procaine, up to 1,200,000 units | PX            | HC        |
| J0530 | Injection, penicillin G benzathine and penicillin G procaine, up to 600,000 units   | PX            | HC        |
| J0550 | Injection, penicillin G benzathine and penicillin G procaine, up to 2,400,000 units | PX            | HC        |
| J0559 | Injection, penicillin G benzathine and penicillin G procaine, 2500 units            | PX            | HC        |
| J0558 | Injection, penicillin G benzathine and penicillin G procaine, 100,000 units         | PX            | HC        |
| J2510 | Injection, penicillin G procaine, aqueous, up to 600,000 units                      | PX            | HC        |
| J0696 | Injection, ceftriaxone sodium, per 250 mg   | PX            | HC        |



The Center for Drug Evaluation and Research (CDER) has requested execution of the Cohort Identification and Descriptive Analysis (CIDA) Pregnancy tool version 13.1.2 to estimate the proportion of infants tested for syphilis or treated with penicillin among those born to pregnant women with syphilis testing and diagnosis in pregnancy in the Sentinel Distributed Database (SDD).

Query period (bound by the ADate for pregnancy outcome): 01/01/2010-12/31/2023

Coverage requirement: Medical & Drug Coverage

Required maternal enrollment in relation to estimated pregnancy start date: LMP

Requirement maternal enrollment (and linked infants if applicable) post-pregnancy outcome: Birth + 30 days

Enrollment gap: 45

Age groups (bound by the ADate for pregnancy outcome): 10-19,20-29, 30-39, 40-54 years

Sex: Female only

Stratifications: Age group, Calendar year, Rage, Ethnicity, and cross-stratifications

Output by gestational week: Yes

**Restrictions:** None

**Envelope macro:** Reclassify encounters during inpatient stay as inpatient

Freeze data: No

#### **Pregnancy Episode Creation**

| Scenario | Inclusion/Exclusion   |                        | Pregnancy Outcome Definition  | Pregnancy Cohort<br>Definition  | Care Setting for Pregnancy<br>Outcome   | Mother-Infant Linkage Records to<br>Identify Live Births  |
|----------|---|------------------------|---|---|---|---|
| #        | Inclusion/Exclusion<br>criteria - see<br>inclusion_exclusion tab<br>for details | Outcome<br>description | See Pregnancy Codes:  LB: Live birth delivery  MIL: Mother-Infant Linkage table live birth delivery  SB: Stillbirth delivery  ECT: Ectopic pregnancy  SA: Spontaneous abortion  AB: Elective abortion  TRO: Trophoblastic disease UNC: Unclassified delivery  MIX: Mixed delivery | <b>02:</b> Cohort includes all valid pregnancy episodes during the query period | *If LB or UNC: Inpatient hospital stay, any diagnosis position; *If any other pregnancy outcome: Any care setting | 0: unspecified number of live births 1: one live birth 2: two live births 3: three live births 4: four live births 5: five live births 8: multiple live births, unspecified number 9: conflicting code(s) for number of live births |

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The Center for Drug Evaluation and Research (CDER) has requested execution of the Cohort Identification and Descriptive Analysis (CIDA) Pregnancy tool version 13.1.2 to estimate the proportion of infants tested for syphilis or treated with penicillin among those born to pregnant women with syphilis testing and diagnosis in pregnancy in the Sentinel Distributed Database (SDD).

| Scenario | Inclusion/Exclusion  |                     | Pregnancy Outcome Definition | Pregnancy Cohort<br>Definition | Care Setting for Pregnancy Outcome | Mother-Infant Linkage Records to<br>Identify Live Births |
|----------|--|---------------------|------------------------------|--------------------------------|------------------------------------|--|
| r01-2    | Inc: Mothers diagnosed<br>with syphilis in<br>pregnancy - 1 diagnosis<br>code  | Infant<br>screening | MIL                          | 02                             | IP*                                | 1: one live birth  |
| r01-3    | Inc: Mothers diagnosed<br>with syphilis in<br>pregnancy - 1 diagnosis<br>code  | Infant<br>screening | MIL                          | 02                             | IP*                                | 1: one live birth  |
| r01-4    | Inc: Mothers diagnosed<br>with syphilis in<br>pregnancy - 2 diagnosis<br>codes | Infant<br>treatment | MIL                          | 02                             | IP*                                | 1: one live birth  |
| r01-5    | Inc: Mothers diagnosed<br>with syphilis in<br>pregnancy - 2 diagnosis<br>codes | Infant<br>treatment | MIL                          | 02                             | IP*                                | 1: one live birth  |
| r02-2    | Inc: Mothers diagnosed<br>with syphilis in<br>pregnancy - 1 diagnosis<br>code  | Infant<br>screening | MIL                          | 02                             | IP*                                | 1: one live birth  |
| r02-3    | Inc: Mothers diagnosed<br>with syphilis in<br>pregnancy - 1 diagnosis<br>code  | Infant<br>screening | MIL                          | 02                             | IP*                                | 1: one live birth  |



The Center for Drug Evaluation and Research (CDER) has requested execution of the Cohort Identification and Descriptive Analysis (CIDA) Pregnancy tool version 13.1.2 to estimate the proportion of infants tested for syphilis or treated with penicillin among those born to pregnant women with syphilis testing and diagnosis in pregnancy in the Sentinel Distributed Database (SDD).

| r02-4 | Inc: Mothers diagnosed with syphilis in pregnancy - 2 diagnosis codes          | Infant<br>treatment | MIL | 02 | IP* | 1: one live birth |
|-------|--|---------------------|-----|----|-----|-------------------|
| r02-5 | Inc: Mothers diagnosed<br>with syphilis in<br>pregnancy - 2 diagnosis<br>codes | Infant<br>treatment | MIL | 02 | IP* | 1: one live birth |



The Center for Drug Evaluation and Research (CDER) has requested execution of the Cohort Identification and Descriptive Analysis (CIDA) Pregnancy tool version 13.1.2 to estimate the proportion of infants tested for syphilis or treated with penicillin among those born to pregnant women with syphilis testing and diagnosis in pregnancy in the Sentinel Distributed Database (SDD).

Query period (bound by the ADate for pregnancy outcome): 01/01/2010-12/31/2023

Coverage requirement: Medical & Drug Coverage

Required maternal enrollment in relation to estimated pregnancy start date: LMP

Requirement maternal enrollment (and linked infants if applicable) post-pregnancy outcome: Birth + 30 days

Enrollment gap: 45

Age groups (bound by the ADate for pregnancy outcome): 10-19,20-29, 30-39, 40-54 years

Sex: Female only

Age group, Calendar year, Rage, Ethnicity, and cross-

Stratifications: stratifications

Output by gestational week: Yes

Restrictions: None

**Envelope macro:** Reclassify encounters during inpatient stay as inpatient

Freeze data: No

#### **Pregnancy Episode Creation**

| Mother-Infant Linkage Status  | Number of<br>Days for<br>Infant | of Days between<br>Infant Birth Date<br>and Delivery Date | Create Baseline Table?  | Pregnancy Duration<br>Definition | Pregnancy Marker Evaluation Window<br>Relative to Pregnancy Outcome Date |
|---|---------------------------------|---|---|----------------------------------|--|
| A: include all mothers from the MIL table L: only include linked mothers from the MIL table U: only include unlinked mothers from the MIL table (LINKAGESTATUS) | Days                            | Days specified  | Y: baseline table will be produced for corresponding COHORTGRP N: baseline table will NOT be produced for corresponding COHORTGRP | See<br>Pregnancy Duration        | See <u>Pregnancy Meta</u>  |



The Center for Drug Evaluation and Research (CDER) has requested execution of the Cohort Identification and Descriptive Analysis (CIDA) Pregnancy tool version 13.1.2 to estimate the proportion of infants tested for syphilis or treated with penicillin among those born to pregnant women with syphilis testing and diagnosis in pregnancy in the Sentinel Distributed Database (SDD).

| Mother-Infant Linkage Status | Maximum<br>Number of<br>Days for<br>Infant<br>Grace<br>Period | Allowable Number<br>of Days between<br>Infant Birth Date<br>and Delivery Date | Create Baseline Table? | Pregnancy Duration<br>Definition | Pregnancy Marker Evaluation Window<br>Relative to Pregnancy Outcome Date |
|------------------------------|---|---|------------------------|----------------------------------|--|
| L: Linked Mothers            | 7   | 7   | Yes                    | Gestational Age<br>Algorithm     | 7  |
| L: Linked Mothers            | 7   | 7   | Yes                    | Gestational Age<br>Algorithm     | 7  |
| L: Linked Mothers            | 7   | 7   | Yes                    | Gestational Age<br>Algorithm     | 7  |
| L: Linked Mothers            | 7   | 7   | Yes                    | Gestational Age<br>Algorithm     | 7  |
| L: Linked Mothers            | 0   | 7   | Yes                    | Gestational Age<br>Algorithm     | 7  |
| L: Linked Mothers            | 0   | 7   | Yes                    | Gestational Age<br>Algorithm     | 7  |
| L: Linked Mothers            | 0   | 7   | Yes                    | Gestational Age<br>Algorithm     | 7  |
| L: Linked Mothers            | 0   | 7   | Yes                    | Gestational Age<br>Algorithm     | 7  |



The Center for Drug Evaluation and Research (CDER) has requested execution of the Cohort Identification and Descriptive Analysis (CIDA) Pregnancy tool version 13.1.2 to estimate the proportion of infants tested for syphilis or treated with penicillin among those born to pregnant women with syphilis testing and diagnosis in pregnancy in the Sentinel Distributed Database (SDD).

**Query period (bound by the ADate for pregnancy outcome):** 01/01/2010-12/31/2023

Coverage requirement: Medical & Drug Coverage

Required maternal enrollment in relation to estimated pregnancy start date: LMP

Requirement maternal enrollment (and linked infants if applicable) post-pregnancy outcome: Birth + 30 days

Enrollment gap: 45

Age groups (bound by the ADate for pregnancy outcome): 10-19,20-29, 30-39, 40-54 years

Sex: Female only

Stratifications: Age group, Calendar year, Rage, Ethnicity, and cross-stratifications

Output by gestational week: Yes

Restrictions: None

**Envelope macro:** Reclassify encounters during inpatient stay as inpatient

Freeze data: No

#### Medical Product of Interest (MOI) Exposure Episode Creation

| Pregnancy Duration in Absence of Pre/Post-<br>Term Codes (ITT Days) | Exposure | Cohort Definition  | Pre-Pregnancy<br>Exposure<br>Evaluation Period | Post-Pregnancy Exposure<br>Evaluation | Incident Exposure<br>Washout Period | Build Episodes on<br>Point Exposure? |
|---|----------|--|--|---------------------------------------|-------------------------------------|--------------------------------------|
| See <u>Pregnancy Meta</u>   | MOI      | *First valid MOI expsoure<br>episode during pregnancy<br>episode;<br>*All valid MOI exposure episodes<br>during pregnancy episode;<br>*Last valid MOI exposure episode<br>during pregnancy episode | Days specified                                 | Days specified                        | Days specified                      | *Yes<br>*No                          |



| Appendix I. Specifications for This Reque                           | st       |  |  |                                       |                                     |                                      |
|---|----------|--|--|---------------------------------------|-------------------------------------|--------------------------------------|
| Pregnancy Duration in Absence of Pre/Post-<br>Term Codes (ITT Days) | Exposure | Cohort Definition  | Pre-Pregnancy<br>Exposure<br>Evaluation Period | Post-Pregnancy Exposure<br>Evaluation | Incident Exposure<br>Washout Period | Build Episodes on<br>Point Exposure? |
| 273   | MP2      | All valid MOI exposure episodes during pregnancy episode | 0  | ·                                     | 0                                   | No                                   |
| 273   | MP2      | All valid MOI exposure episodes during pregnancy episode | 0  |                                       | 0                                   | No                                   |
| 273   | MP2      | All valid MOI exposure episodes during pregnancy episode | 0  |                                       | 0                                   | No                                   |
| 273   | MP2      | All valid MOI exposure episodes during pregnancy episode | 0  |                                       | 0                                   | No                                   |
| 273   | MP2      | All valid MOI exposure episodes during pregnancy episode | 0  |                                       | 0                                   | No                                   |
| 273   | MP2      | All valid MOI exposure episodes during pregnancy episode | 0  |                                       | 0                                   | No                                   |
| 273   | MP2      | All valid MOI exposure episodes during pregnancy episode | 0  | ·                                     | 0                                   | No                                   |
| 273   | MP2      | All valid MOI exposure episodes during pregnancy episode | 0  |                                       | 0                                   | No                                   |



The Center for Drug Evaluation and Research (CDER) has requested execution of the Cohort Identification and Descriptive Analysis (CIDA) Pregnancy tool version 13.1.2 to estimate the proportion of infants tested for syphilis or treated with penicillin among those born to pregnant women with syphilis testing and diagnosis in pregnancy in the Sentinel Distributed Database (SDD).

Query period (bound by the ADate for pregnancy outcome): 01/01/2010-12/31/2023

Coverage requirement: Medical & Drug Coverage

Required maternal enrollment in relation to estimated pregnancy start date: LMP

Requirement maternal enrollment (and linked infants if applicable) post-pregnancy outcome: Birth + 30 days

Enrollment gap: 45

Age groups (bound by the ADate for pregnancy outcome): 10-19,20-29, 30-39, 40-54 years

Sex: Female only

**Stratifications:** Age group, Calendar year, Rage, Ethnicity, and cross-stratifications

Output by gestational week: Yes

Restrictions: None

**Envelope macro:** Reclassify encounters during inpatient stay as inpatient

Freeze data: No

#### **Pregnancy Episode Creation**

| Exposure<br>Episode Length | Treatment episode gap                                 | Blackout<br>Period Relative<br>to Pregnancy<br>Start Date | Maximum Exposure Episode<br>Duration | Remove MOI<br>Exposure on<br>Pregnancy<br>Outcome Date  | Care Setting    | Principal Diagnosis<br>Position  | Event                      |
|----------------------------|---|---|--------------------------------------|---|-----------------|--|----------------------------|
| Days specified             | *X days<br>*X% of prior dispensing's<br>days supplied | Range of days<br>specified to<br>exclude MOI<br>exposure  | Days specified                       | *Exclude MOIs with Adate equivalent to pregnancy delivery date; *Do not exclude MOIs with Adate equivalent to pregnancy delivery date | Any caresetting | Only applicable for<br>Inpatient and<br>Institutional stays:<br>*Any<br>*Principal<br>*Secondary<br>*Unknown | Health outcome of interest |



The Center for Drug Evaluation and Research (CDER) has requested execution of the Cohort Identification and Descriptive Analysis (CIDA) Pregnancy tool version 13.1.2 to estimate the proportion of infants tested for syphilis or treated with penicillin among those born to pregnant women with syphilis testing and diagnosis in pregnancy in the Sentinel Distributed Database (SDD).

| Exposure<br>Episode Length | Treatment episode gap | Blackout<br>Period Relative<br>to Pregnancy<br>Start Date | Maximum Exposure Episode<br>Duration | Remove MOI<br>Exposure on<br>Pregnancy<br>Outcome Date                           | Care Setting    | Principal Diagnosis<br>Position | Event                                   |
|----------------------------|-----------------------|---|--------------------------------------|--|-----------------|---------------------------------|---|
| 0                          | 0                     |   | 1                                    | Do not exclude MOIs with Adate equivalent to pregnancy delivery date             | Any caresetting | Any                             | Infant Congenital<br>Syphilis Screening |
| 0                          | 0                     | ·   | 1                                    | Do not exclude<br>MOIs with Adate<br>equivalent to<br>pregnancy<br>delivery date | Any caresetting | Any                             | Infant Congenital<br>Syphilis Screening |
| 0                          | 0                     | ·   | 1                                    | Do not exclude<br>MOIs with Adate<br>equivalent to<br>pregnancy<br>delivery date | Any caresetting | Any                             | Infant Congenital<br>Syphilis Treatment |
| 0                          | 0                     | ·   | 1                                    | Do not exclude<br>MOIs with Adate<br>equivalent to<br>pregnancy<br>delivery date | Any caresetting | Any                             | Infant Congenital<br>Syphilis Treatment |
| 0                          | 0                     |   | 1                                    | Do not exclude MOIs with Adate equivalent to pregnancy delivery date             | Any caresetting | Any                             | Infant Congenital<br>Syphilis Screening |



The Center for Drug Evaluation and Research (CDER) has requested execution of the Cohort Identification and Descriptive Analysis (CIDA) Pregnancy tool version 13.1.2 to estimate the proportion of infants tested for syphilis or treated with penicillin among those born to pregnant women with syphilis testing and diagnosis in pregnancy in the Sentinel Distributed Database (SDD).

| Exposure<br>Episode Length | Treatment episode gap | Blackout<br>Period Relative<br>to Pregnancy<br>Start Date | Maximum Exposure Episode<br>Duration | Remove MOI<br>Exposure on<br>Pregnancy<br>Outcome Date                           | Care Setting    | Principal Diagnosis<br>Position | Event                                   |
|----------------------------|-----------------------|---|--------------------------------------|--|-----------------|---------------------------------|---|
| 0                          | 0                     |   | 1                                    | Do not exclude<br>MOIs with Adate<br>equivalent to<br>pregnancy<br>delivery date | Any caresetting | Any                             | Infant Congenital<br>Syphilis Screening |
| 0                          | 0                     | ·   | 1                                    | Do not exclude<br>MOIs with Adate<br>equivalent to<br>pregnancy<br>delivery date | Any caresetting | Any                             | Infant Congenital<br>Syphilis Treatment |
| 0                          | 0                     |   | 1                                    | Do not exclude<br>MOIs with Adate<br>equivalent to<br>pregnancy<br>delivery date | Any caresetting | Any                             | Infant Congenital<br>Syphilis Treatment |



The Center for Drug Evaluation and Research (CDER) has requested execution of the Cohort Identification and Descriptive Analysis (CIDA) Pregnancy tool version 13.1.2 to estimate the proportion of infants tested for syphilis or treated with penicillin among those born to pregnant women with syphilis testing and diagnosis in pregnancy in the Sentinel Distributed Database (SDD).

Query period (bound by the ADate for pregnancy outcome): 01/01/2010-12/31/2023

Coverage requirement: Medical & Drug Coverage

Required maternal enrollment in relation to estimated pregnancy start date: LMP

Requirement maternal enrollment (and linked infants if applicable) post-pregnancy outcome: Birth + 30 days

Enrollment gap: 45

Age groups (bound by the ADate for pregnancy outcome): 10-19,20-29, 30-39, 40-54 years

Sex: Female only

**Stratifications:** Age group, Calendar year, Rage, Ethnicity, and cross-stratifications

Output by gestational week: Yes
Restrictions: None

**Envelope macro:** Reclassify encounters during inpatient stay as inpatient

Freeze data: No

|  |  |   |   | Event Outco                                      | me  |   |                              |   |
|--|--|---|---|--|---|---|------------------------------|---|
| Outcome Population   | Index Date for Maternal<br>Age and Other Variables   | Anchor Date to<br>Start Outcome<br>Follow-Up  | Anchor Date to End Outcome<br>Follow-Up   | Outcome<br>Period Start                          | Outcome Period End                          | Produce<br>Baseline Table   | Incident<br>Event<br>Washout | Care Setting  |
| M: indicates should look in mother claims only. I: indicates should look in infant claims only. MI: indicates should look in mother and infant claims. | INDEXDT: Index date of pregnancy start.  INDEXDT_EXP: First date of dispensing or procedure code of drug or comparator of interest/exposure.  INDEXDT_DELIV: Index date of delivery admission date (or infant birth date for a matched infant cohort). | INDEXDT: Index date of pregnancy start INDEXDT_EXP: First date of dispensing or procedure code of drug or comparator of interest/exposur e INDEXDT_DELIV: Index date of delivery admission date | INDEXDT: Index date of pregnancy start INDEXDT_EXP: First date of dispensing or procedure code of drug or comparator of interest/exposure INDEXDT_DELIV: Index date of delivery admission date (or infant birth date for a matched infant cohort) | "days from<br>OUTCOME-<br>FROMANCHOR"<br>Numeric | "days from OUTCOME-<br>TOANCHOR"<br>Numeric | Y: baseline table will be produced for corresponding MILGRP N: baseline table will NOT be produced for corresponding MILGRP | Days<br>specified            | *Inpatient hospital stay; *Non-acute institutional stay; *Emergency department encounter; *Ambulatory visit; *Other ambulatory visit; *Any care setting |



The Center for Drug Evaluation and Research (CDER) has requested execution of the Cohort Identification and Descriptive Analysis (CIDA) Pregnancy tool version 13.1.2 to estimate the proportion of infants tested for syphilis or treated with penicillin among those born to pregnant women with syphilis testing and diagnosis in pregnancy in the Sentinel Distributed Database (SDD).

| Outcome Population                                 | Index Date for Maternal<br>Age and Other Variables | Anchor Date to<br>Start Outcome<br>Follow-Up | Anchor Date to End Outcome<br>Follow-Up | Outcome<br>Period Start | Outcome Period End | Produce<br>Baseline Table | Incident<br>Event<br>Washout<br>Period | Care Setting |
|--|--|--|---|-------------------------|--------------------|---------------------------|--|--------------|
| I: indicates should look in infant claims only.    | INDEXDT  | INDEXDT_DELIV                                | INDEXDT_DELIV                           | 0                       | +30                | Yes                       | 0                                      | IP*          |
| I: indicates should look in infant claims only.    | INDEXDT  | INDEXDT_DELIV                                | INDEXDT_DELIV                           | 0                       | +30                | Yes                       | 0                                      | IP*          |
| I: indicates should look<br>in infant claims only. | INDEXDT  | INDEXDT_DELIV                                | INDEXDT_DELIV                           | 0                       | +30                | Yes                       | e                                      | IP*          |
| I: indicates should look in infant claims only.    | INDEXDT  | INDEXDT_DELIV                                | INDEXDT_DELIV                           | 0                       | +30                | Yes                       | 0                                      | IP*          |
| I: indicates should look in infant claims only.    | INDEXDT  | INDEXDT_DELIV                                | INDEXDT_DELIV                           | 0                       | +30                | Yes                       | 0                                      | IP*          |
| I: indicates should look<br>in infant claims only. | INDEXDT  | INDEXDT_DELIV                                | INDEXDT_DELIV                           | 0                       | +30                | Yes                       | 0                                      | IP*          |



The Center for Drug Evaluation and Research (CDER) has requested execution of the Cohort Identification and Descriptive Analysis (CIDA) Pregnancy tool version 13.1.2 to estimate the proportion of infants tested for syphilis or treated with penicillin among those born to pregnant women with syphilis testing and diagnosis in pregnancy in the Sentinel Distributed Database (SDD).

| I: indicates should look in infant claims only. | INDEXDT | INDEXDT_DELIV | INDEXDT_DELIV | 0 | +30 | Yes | 0 | IP* |
|---|---------|---------------|---------------|---|-----|-----|---|-----|
| I: indicates should look in infant claims only. | INDEXDT | INDEXDT_DELIV | INDEXDT_DELIV | 0 | +30 | Yes | 0 | IP* |

ICD-9, ICD-10, HCPCS, and CPT codes are provided by Optum360.

NDC codes are checked against First Data Bank's FDB MedKnowledge®.



## Appendix J. Baseline Covariate Groups Evaluated in this Request

### **Baseline Characteristics**

|                                   |  |  |               |  |   |                                       | Daseille Characteris  |  |  |   | -   |
|-----------------------------------|--|--|---------------|--|---|---------------------------------------|---|--|--|---|---|
| Covariate<br>Name                 | Covariate<br>Number  | Code Category  | Care setting  | Principal Diagnosis<br>Position  | Covariate<br>Evaluation<br>Period Start | Covariate<br>Evaluation<br>Period End | Number of Instances<br>the Covariate Should<br>be Found in<br>Evaluation Period | Forced Supply<br>to Attach to a<br>Code (only<br>applies to RX<br>codes) |  | Anchor Date on which Start Covariate<br>Evaluation  | Anchor Date on which End Covariate Evaluation   |
| Name of<br>covariate<br>specified | Numeric<br>indicator for<br>each<br>covariate                    | RX: Drug code DX: Diagnosis code PX: Procedure code CC: Combination of multiple COVARNUM values to define a covariate EN: Encounter LB: Lab Code | ED: emergency | Only applicable for<br>Inpatient and Institutional<br>stays:<br>*Any<br>*Principal<br>*Secondary<br>*Unknown | Numeric<br>specified                    | Numeric<br>specified                  | Numeric specified   | Numberic<br>specified  | Mother-Infant pregnanct cohort(s)  M: Indicates should look in mother claims only I: Indicates should look in infant claims only | INDEXDT: Anchor on estimated date of pregnancy start. INDEXDT_EXP: Anchor on first date of dispensing or diagnosis or procedure code of drug or comparator of interest. EPISODEENDDT: Anchor on date of pregnancy outcome. blank: COVFROMANCHOR should be left blank for queries other than Type 4. | INDEXDT: Anchor on estimated date of pregnancy start. INDEXDT_EXP: Anchor on first date of dispensing or diagnosis or procedure code of drug or comparator of interest. EPISODEENDDT: Anchor on date of pregnancy outcome. blank: COVTOANCHOR should be left blank for queries other than Type 4. |
|                                   | Year   | Any care setting   | Any           | Any  |   |                                       |   |  | M  |   |   |
| •                                 | Agegroup   |  | Any           | Any  |   |                                       |   |  | M  |   |   |
| -                                 | Race   |  | Any           | Any  |   |                                       |   |  | M  |   |   |
|                                   | Hispanic<br>Ethnicity  | Any care setting   |               | Any  |   |                                       |   |  | М  |   |   |
| 1                                 | Prenatal Care<br>Visit in First<br>Trimester                     | Any care setting   | Any           | Any  | LMP                                     | LMP+97                                | 1   |  | М  | INDEXDT   | INDEXDT   |
| 2                                 | Treated with standard syphilis antibiotics                       | Any care setting   | Any           | Any  | 0                                       | 30                                    | 1   |  | М  | INDEXDT_EXP   | INDEXDT_EXP   |
| 3                                 | Treated with<br>non-standard<br>syphilis<br>antibiotics          |  | Any           | Any  | 0                                       | 30                                    | 1   |  | М  | INDEXDT_EXP   | INDEXDT_EXP   |
| 4                                 | Treated only<br>with non-<br>standard<br>syphilis<br>antibiotics | Any care setting   | Any           | Any  | 0                                       | 30                                    | 1   |  | М  | INDEXDT_EXP   | EPISODEENDDT  |
|                                   |  |  |               |  |   |                                       |   |  |  |   |   |



## Appendix J. Baseline Covariate Groups Evaluated in this Request

## **Baseline Characteristics**

| Covariate<br>Name                 | Covariate<br>Number  | Code Category  | Care setting  | Principal Diagnosis<br>Position | Covariate<br>Evaluation<br>Period Start | Covariate<br>Evaluation<br>Period End | Number of Instances<br>the Covariate Should<br>be Found in<br>Evaluation Period | Code (only            |  | Anchor Date on which Start Covariate<br>Evaluation  | Anchor Date on which End Covariate Evaluation  |
|-----------------------------------|--|--|---------------|---------------------------------|---|---------------------------------------|---|-----------------------|--|---|--|
| Name of<br>covariate<br>specified | Numeric<br>indicator for<br>each<br>covariate                | RX: Drug code DX: Diagnosis code PX: Procedure code CC: Combination of multiple COVARNUM values to define a covariate EN: Encounter LB: Lab Code | ED: emergency |                                 | Numeric<br>specified                    | Numeric<br>specified                  | Numeric specified   | Numberic<br>specified | M: Indicates should look in mother claims only | INDEXDT: Anchor on estimated date of pregnancy start. INDEXDT_EXP: Anchor on first date of dispensing or diagnosis or procedure code of drug or comparator of interest. EPISODEENDDT: Anchor on date of pregnancy outcome. blank: COVFROMANCHOR should be left blank for queries other than Type 4. | INDEXDT: Anchor on estimated date of pregnancy start.  INDEXDT_EXP: Anchor on first date of dispensing or diagnosis or procedure code of drug or comparator of interest.  EPISODEENDDT: Anchor on date of pregnancy outcome.  blank: COVTOANCHOR should be left blank for queries other than Type 4. |
| 5                                 | Treated with standard syphilis antibiotics <=30              | Any care setting   | Any           | Any                             | -30                                     | 7                                     | 1   |                       | М  | EPISODEENDDT  | EPISODEENDDT   |
| 6                                 | Treated with standard syphilis antibiotics >30               | Any care setting   | Any           | Any                             | 0                                       | 31                                    | 1   |                       | М  | INDEXDT   | EPISODEENDDT   |
| 7                                 | Preterm Birth  | Any care setting   | Any           | Any                             | Birth Outcome-7                         | Birth<br>Outcome+7                    | 36W+6DAYS   |                       | М  |   |  |
| 8                                 | Treated only<br>with standard<br>syph<br>antibiotics<br><=30 |  | Any           | Any                             | -30                                     | 7                                     | 1   |                       | М  | INDEXDT_EXP   | EPISODEENDDT   |



#### Question 3

