Public Query Report

*Characteristics of Pregnancy-Related Health Events Across Clinical Research Networks Participating in PCORnet®*

**Rationale for Network Query of PCORnet Data Resources:**

This Network query of PCORnet data resources designed to review characteristics of pregnancy-related health events in any health care setting across PCORnet was requested by the Patient-Centered Outcomes Research Institute® (PCORI®) in collaboration with the PCORnet® Network Partners. Network queries are developed, distributed, and processed through the Coordinating Center for PCORnet®.

In 2019, the U.S. Congress passed legislation that reauthorized funding for PCORI, the founding and primary funder of PCORnet, and identified maternal morbidity and mortality (MMM) as a research priority. The maternal mortality rates in the United States were 32.9 per 100,000 births in 2021 and have risen successively over the past few years. Rates vary by race and ethnicity, as well as by other demographic factors.1 Further, the United States ranks last among comparable developed countries in maternal outcomes.2

A national-scale infrastructure provided by PCORnet has the capacity to support national health system research efforts on MMM. PCORnet® Network Partners convened a workgroup of experts in topics related to MMM – including patient stakeholders – to develop a roadmap for accelerating patient-centered MMM research using PCORnet. As part of building this roadmap, the workgroup developed an exploratory query of pregnancy-related events in support of future national-scale research on MMM. The query demonstrates the utility of the PCORnet infrastructure to identify and characterize the cohort of patients with pregnancy-related health events served by health systems participating in PCORnet.

**Background on PCORnet:**

PCORnet is a large, distributed “network of networks” (Figure 1) funded by PCORI to improve the nation’s capacity to efficiently conduct definitive health research, particularly patient-centered comparative clinical effectiveness research (CER).

At the time of this query report, PCORnet Clinical Research Networks (CRNs) included 63 data contributing CRN sites, in addition to patient partners and a Coordinating Center. Collectively, CRN data-contributing partners consist of more than thirteen thousand clinical sites connected to

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2 Roosa Tikkanen et al., Maternal Mortality and Maternity Care in the United States Compared to 10 Other Developed Countries (Commonwealth Fund, Nov. 2020). DOI: https://org/10.26099/411v-9255
more than 34 million unique patients receiving care across the U.S. each year, including care delivered at large academic health systems, hospitals, federally qualified health centers, and community clinics.

In August 2023, PCORI awarded supplemental funding to support the addition of 16 new partners to PCORnet; the data from these sites are not reflected in this query report. A unique feature of PCORnet is that all data contributing partners store a version of their clinical data in the same standardized data model, the PCORnet® Common Data Model (CDM). In this distributed network, data holders (e.g., health systems, clinics) maintain physical control, use, and manage the transfer of their data to the CRNs, the Coordinating Center for PCORnet® and data requestors.

**Figure 1.** Clinical Research Networks (CRNs) (right) and their participating network sites in PCORnet, August 2023. Each CRN site comprises numerous clinical sites of care. Source: Developed by the Duke Clinical Research Institute (DCRI) with funding through a PCORI Award (RI-DCRI-01-PS3).

**Query Description:**

This query of PCORnet data resources describes the sociodemographic and clinical characteristics of a population of patients with a pregnancy-related event that had a healthcare encounter at a partner site between October 1, 2016 – January 1, 2022. The query results will inform how PCORnet can be used for patient-centered CER studies and trials on MMM and to inform opportunities to enhance PCORnet data resources for MMM research.

In addition, the query aims to demonstrate the utility of PCORnet to:

- Describe the sociodemographic and clinical characteristics of the population experiencing pregnancy-related events served by PCORnet participants
- Report the extent of pregnancy-related events in a large cohort

**Query Methodology, Criteria and Engagement:**
The query of PCORnet data resources includes a cohort of patients with a pregnancy-related event at a partner site participating in PCORnet during a 5-year query period (October 1, 2016, to January 1, 2022). The query identified individuals aged 10 years or older who experienced one pregnancy-related health event across any health care setting. Persons experiencing one pregnancy-related health event were stratified into two cohorts: 1) delivery events only and 2) delivery or pregnancy interruption events.

To minimize misidentifying a delivery, the delivery date had to be followed by a 150-day window without delivery codes (i.e. Current Procedural Terminology (CPT) codes). For identification of persons who experienced an interruption of pregnancy event, the date of that event must be followed by a 45-day window without relevant codes. These 150-day and 45-day windows are applied to reduce over-counting events where codes on multiple dates are associated with a single event. The Coordinating Center for PCORnet® programmed and distributed this descriptive query to all 63 data contributing partners.

As with all PCORI topics, the development process included a review of the relevant literature and engagement with stakeholders such as subject matter experts and patient partners. Patient partners and subject matter experts were engaged early in the query development to help identify the range of pregnancy-related conditions and important characteristics to describe the cohort.

The cohort criteria for the query are provided below:

- A pregnancy-related event at a partner site between October 2016 through January 1, 2022; and
- Female; and
- 10 years or age or older;
- Experienced a health event of interest during or after pregnancy.
- The following characteristics were also examined:
  - Demographics:
    - Race
    - Ethnicity
    - Location of residence
    - Area Deprivation Index
  - Delivery type
  - Severe maternal morbidity at pregnancy-related event
  - Pregnancy-related/associated mortality
  - Prenatal morbidities
  - Peripartum morbidities among deliveries
  - Postpartum morbidities among deliveries

A comprehensive list of all diagnosis and procedure codes used to define the cohorts and comorbidities is available in Appendix A.

Results:
Fifty-eight data contributing partners participating in PCORnet responded to the query request (92%).

**Table 1** provides details of the counts and demographic characteristics of the two cohorts explored through this query of pregnancy-related events: 1) delivery events only and 2) delivery or pregnancy interruption events. For the delivery only cohort, there were 1,318,639 unique patients that experienced 1,528,414 delivery events during the 5-year query period.

The average age of patients experiencing only delivery events was 29.7 years old (SD ± 6.2 years), and the majority of patients were white (56%) and non-Hispanic (73%). For the delivery or interruption cohort, there were 1,874,673 unique events across 1,517,421 unique patients. For both cohorts, Table 1 also includes socioeconomic status for patients defined by zip code and the Area Deprivation Index (ADI). Approximately 17-18% of patients were in the higher disadvantage group of ADI scores at the time of their pregnancy-related event; although, address data at the health care encounter date were missing for 37% of patients in both cohorts.

The majority of delivery events were vaginal deliveries (56%) followed by cesarean (28%) deliveries.

**Table 2** provides details of severe maternal morbidities that occurred during delivery events for the delivery-only cohort. All severe maternal morbidities were observed to be 1% or below for the cohort. The most common maternal morbidity was receipt of blood transfusion (1%). Pregnancy-associated or pregnancy-related mortality occurred in <1% (n=657) of patients which was identified through EHR data in the 365 days post-delivery in the delivery-only cohort.

**Table 3** provides counts of prenatal, perinatal, and postpartum morbidities observed in the delivery-only cohort.

**Limitations:**

Data and analyses presented are descriptive and derived from diagnosis and procedure codes collected during healthcare encounters in the EHR. Rows and percentages may not round due to missing values and/or if counts are less than 10. If counts are less than 10, then they are reported as such to protect patient privacy and risk of identification from aggregate values as outlined in the [Data Privacy Statement for PCORnet®](#).

No inferential analyses were conducted to compare populations or test hypotheses, as these are descriptive data only. Limitations with any EHR data analysis are applicable to this data, such as the possibility for misclassification due to imperfect algorithms and lack of consistent definition of enrollment to define cohorts. Specific to this query, the use of procedure codes is the preferred method to identify events, yet there was high variability in their use, ranging from 21% to 98% at other sites. Additionally, after a delivery event, patient care may resume at other care settings (e.g., primary care) resulting in discontinuity of the availability of data both prenatally and postnatally. Therefore, results should be interpreted with these limitations in mind.

To ensure PCORnet data resources are of high quality for research, activities in preparation for research (e.g., network query requests), and to mitigate the limitations above, all PCORnet-
accessible data resources undergo rigorous quality curation and screening as part of quarterly coordinated data quality assessment. For more information on data curation activities and strategies to improve data quality for PCORnet please contact frontdoor@pcornet.org.

Conclusion:

The results presented in this query report provide researchers and patient/caregiver partners with information about the capacity of the PCORnet infrastructure to identify pregnancy-related health events across any health care setting at a national scale to support future studies related to MMM. Researchers and patients/caregivers can use the information in this report to identify study questions and plan research about MMM that leverage the racial and ethnic diversity and health conditions found through this query. The maternal cohort have diverse racial and ethnic backgrounds and live in areas with a range of socioeconomic vulnerability as measured by the ADI. Further, this cohort experiences a range of physical and mental health conditions in the prenatal and postpartum periods. The large numbers of persons in the query cohorts enables identification of relatively rare occurrences such as severe maternal morbidity and pregnancy-associated or related mortality. This query provides basic information to stimulate future study planning in MMM using the PCORnet infrastructure.

Disclaimer:

PCORnet® is intended to improve the nation's capacity to efficiently conduct patient-centered health research, particularly CER, by providing a large, highly representative network of health data, research expertise, and patient insights. PCORnet has been developed with funding from the Patient-Centered Outcomes Research Institute® (PCORI®).

Network queries that return only aggregate or limited data sets are covered by the PCORnet® Master Data Sharing Agreement (version 4.0), and site-level blanket Institutional Review Board approvals.

The statements presented in this report do not necessarily represent the views of PCORI or other organizations participating in, collaborating with, or funding PCORnet.

For questions, comments or suggestions related to this PCORnet® Front Door query or other PCORnet queries, please contact frontdoor@pcornet.org.
Table 1. Demographic characteristics of the two maternal cohorts across data-contributing partners participating in PCORnet (October 2016 – January 2022).

<table>
<thead>
<tr>
<th>Characteristic</th>
<th>Delivery Only</th>
<th>Delivery or Interruption</th>
</tr>
</thead>
<tbody>
<tr>
<td>Unique Patient Records</td>
<td>1,318,639</td>
<td>1,517,421</td>
</tr>
<tr>
<td>Unique Events</td>
<td>1,528,414</td>
<td>1,874,673</td>
</tr>
<tr>
<td>Mean Age (SD)</td>
<td>29.7 (6.0)</td>
<td>30.0 (6.2)</td>
</tr>
<tr>
<td>Female</td>
<td>100%</td>
<td>100%</td>
</tr>
<tr>
<td>Race</td>
<td></td>
<td></td>
</tr>
<tr>
<td>White</td>
<td>56%</td>
<td>55%</td>
</tr>
<tr>
<td>Black or African American</td>
<td>19%</td>
<td>20%</td>
</tr>
<tr>
<td>American Indian or Alaska Native</td>
<td>0%</td>
<td>0%</td>
</tr>
<tr>
<td>Asian</td>
<td>6%</td>
<td>5%</td>
</tr>
<tr>
<td>Native Hawaiian or Other Pacific Islander</td>
<td>0%</td>
<td>0%</td>
</tr>
<tr>
<td>Multiple Races</td>
<td>1%</td>
<td>1%</td>
</tr>
<tr>
<td>Missing</td>
<td>&lt;1%</td>
<td>&lt;1%</td>
</tr>
<tr>
<td>Other</td>
<td>18%</td>
<td>18%</td>
</tr>
<tr>
<td>Hispanic</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Yes</td>
<td>21%</td>
<td>21%</td>
</tr>
<tr>
<td>No</td>
<td>73%</td>
<td>73%</td>
</tr>
<tr>
<td>Missing</td>
<td>&lt;1%</td>
<td>&lt;1%</td>
</tr>
<tr>
<td>Other</td>
<td>5%</td>
<td>6%</td>
</tr>
<tr>
<td>Area Deprivation Index (ADI)²</td>
<td></td>
<td></td>
</tr>
<tr>
<td>SES Q1</td>
<td>18%</td>
<td>18%</td>
</tr>
<tr>
<td>SES Q2</td>
<td>13%</td>
<td>13%</td>
</tr>
<tr>
<td>SES Q3</td>
<td>15%</td>
<td>15%</td>
</tr>
<tr>
<td>SES Q4</td>
<td>17%</td>
<td>18%</td>
</tr>
<tr>
<td>Missing</td>
<td>37%</td>
<td>37%</td>
</tr>
<tr>
<td>Delivery Type</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Vaginal delivery</td>
<td>65%</td>
<td>56%</td>
</tr>
<tr>
<td>Cesarean section</td>
<td>33%</td>
<td>28%</td>
</tr>
<tr>
<td>Non-spontaneous vaginal delivery</td>
<td>22%</td>
<td>19%</td>
</tr>
<tr>
<td>Operative delivery</td>
<td>3%</td>
<td>3%</td>
</tr>
</tbody>
</table>

¹Other includes those identifying as Other, refuse to answer, and unknown.

²Area Deprivation Index (ADI): Patient 5-Digit Zip Codes are mapped to socioeconomic status by normalized Area Deprivation Index (ADI) value (0-100). Lower values are associated with lower deprivation and higher values are associated with higher deprivation. A ranking of 1 indicates the lowest level of “disadvantage” within the nation and an ADI with a ranking of 100 indicates the highest level of “disadvantage”. In this table, values are grouped into quartiles using the count of zip codes. Quartile 1 (SES Q1) represents the lowest range of ADI values and Quartile 4 (SES Q4) represents the highest range of ADI values (Q1=0-38, Q2=39-43, Q3=44-49, and Q4=50-100). For additional information regarding the ADI index, see the Neighborhood Atlas here: [https://www.neighborhoodatlas.medicine.wisc.edu/](https://www.neighborhoodatlas.medicine.wisc.edu/). Note that the Area Deprivation Index (ADI) is designed for validity at the 9-digit zip or census block group level rather than the 5-digit zip level.
Table 2. Severe maternal morbidity in delivery-only cohort for data-contributing across partners participating in PCORnet (October 2016 – January 2022).

<table>
<thead>
<tr>
<th>Pregnancy-Associated or Pregnancy-Related Mortality</th>
<th>Delivery (n)</th>
<th>Delivery (%)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Within 365 days of delivery as collected in the electronic health record</td>
<td>657</td>
<td>&lt;1%</td>
</tr>
<tr>
<td>Severe Maternal Morbidity</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Blood products transfusion</td>
<td>16,090</td>
<td>1%</td>
</tr>
<tr>
<td>Acute renal failure</td>
<td>4,175</td>
<td>&lt;1%</td>
</tr>
<tr>
<td>Disseminated intravascular coagulation (DIC)</td>
<td>3,750</td>
<td>&lt;1%</td>
</tr>
<tr>
<td>Sepsis</td>
<td>3,306</td>
<td>&lt;1%</td>
</tr>
<tr>
<td>Pulmonary edema/acute heart failure</td>
<td>2,575</td>
<td>&lt;1%</td>
</tr>
<tr>
<td>Adult respiratory distress syndrome (ARDS)</td>
<td>2,368</td>
<td>&lt;1%</td>
</tr>
<tr>
<td>Hysterectomy</td>
<td>2,048</td>
<td>&lt;1%</td>
</tr>
<tr>
<td>Eclampsia</td>
<td>1,544</td>
<td>&lt;1%</td>
</tr>
<tr>
<td>Shock</td>
<td>1,439</td>
<td>&lt;1%</td>
</tr>
<tr>
<td>Puerperal cerebrovascular disorders</td>
<td>1,250</td>
<td>&lt;1%</td>
</tr>
<tr>
<td>Air and thrombotic embolism</td>
<td>1,066</td>
<td>&lt;1%</td>
</tr>
<tr>
<td>Ventilation</td>
<td>964</td>
<td>&lt;1%</td>
</tr>
<tr>
<td>Sickle cell disease with crisis</td>
<td>470</td>
<td>&lt;1%</td>
</tr>
<tr>
<td>Acute myocardial infarction (MI)</td>
<td>276</td>
<td>&lt;1%</td>
</tr>
<tr>
<td>Cardiac arrest, ventricular fibrillation</td>
<td>186</td>
<td>&lt;1%</td>
</tr>
<tr>
<td>Conversion of cardiac rhythm</td>
<td>167</td>
<td>&lt;1%</td>
</tr>
<tr>
<td>Aneurysm</td>
<td>148</td>
<td>&lt;1%</td>
</tr>
<tr>
<td>Amniotic fluid embolism</td>
<td>139</td>
<td>&lt;1%</td>
</tr>
<tr>
<td>Severe anesthesia complications</td>
<td>111</td>
<td>&lt;1%</td>
</tr>
<tr>
<td>Temporary tracheostomy</td>
<td>74</td>
<td>&lt;1%</td>
</tr>
<tr>
<td>Heart failure or arrest</td>
<td>39</td>
<td>&lt;1%</td>
</tr>
</tbody>
</table>
Table 3. Prenatal, peripartum, and postpartum comorbidities in the delivery-only cohort (October 2016 – January 2022).

<table>
<thead>
<tr>
<th></th>
<th>Delivery (n)</th>
<th>Delivery (%)</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Prenatal</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Diabetes (pre-pregnancy or gestational)</td>
<td>100,776</td>
<td>8 %</td>
</tr>
<tr>
<td>Depression/Anxiety</td>
<td>92,532</td>
<td>7 %</td>
</tr>
<tr>
<td>Preeclampsia and other hypertensive disorders of pregnancy</td>
<td>89,052</td>
<td>7 %</td>
</tr>
<tr>
<td>Preterm premature rupture of membranes</td>
<td>76,831</td>
<td>6 %</td>
</tr>
<tr>
<td>Tobacco and other substance use</td>
<td>62,676</td>
<td>5 %</td>
</tr>
<tr>
<td>Placental abruption</td>
<td>26,243</td>
<td>2 %</td>
</tr>
<tr>
<td>Preexisting hypertension (prior to pregnancy)</td>
<td>21,958</td>
<td>2 %</td>
</tr>
<tr>
<td><strong>Peripartum</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Laceration: 3rd or 4th degree</td>
<td>22,117</td>
<td>2%</td>
</tr>
<tr>
<td>Intrauterine fetal demise (IUFD)/Stillbirth</td>
<td>16,484</td>
<td>1%</td>
</tr>
<tr>
<td>Preterm birth (&lt;37 weeks gestational age)</td>
<td>969</td>
<td>&lt;1%</td>
</tr>
<tr>
<td>Low birth weight (&lt;2500g)</td>
<td>209</td>
<td>&lt;1%</td>
</tr>
<tr>
<td>Low birth weight (&lt;1500g)</td>
<td>72</td>
<td>&lt;1%</td>
</tr>
<tr>
<td><strong>Postpartum</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Postpartum hemorrhage</td>
<td>114,365</td>
<td>9%</td>
</tr>
<tr>
<td>Postpartum depression (0 to 180 days)</td>
<td>13,343</td>
<td>1%</td>
</tr>
<tr>
<td>Postpartum depression (181 to 365 days)</td>
<td>2,841</td>
<td>&lt;1%</td>
</tr>
<tr>
<td>Endometritis</td>
<td>1,292</td>
<td>&lt;1%</td>
</tr>
<tr>
<td>Postpartum PTSD</td>
<td>0</td>
<td>0%</td>
</tr>
</tbody>
</table>
Appendix A. ICD-10 and Procedure Code Sets

ICD-10-CM diagnosis codes for 3rd or 4th degree perineal laceration
O70.2 Third degree perineal laceration during delivery
O70.20 Third degree perineal laceration during delivery, unspecified
O70.21 Third degree perineal laceration during delivery, IIIa
O70.22 Third degree perineal laceration during delivery, IIIb
O70.23 Third degree perineal laceration during delivery, IIIc
O70.3 Fourth degree perineal laceration during delivery

ICD-10-CM diagnosis codes for Acute renal failure
N17 Acute kidney failure
N17.0 Acute kidney failure with tubular necrosis
N17.1 Acute kidney failure with acute cortical necrosis
N17.2 Acute kidney failure with medullary necrosis
N17.8 Other acute kidney failure
N17.9 Acute kidney failure, unspecified
O90.4 Postpartum acute kidney failure

ICD-10-CM diagnosis codes for Amniotic fluid embolism
O88.112 Amniotic fluid embolism in pregnancy, second trimester
O88.113 Amniotic fluid embolism in pregnancy, third trimester
O88.119 Amniotic fluid embolism in pregnancy, unspecified
O88.12 Amniotic fluid embolism in childbirth
O88.13 Amniotic fluid embolism in the puerperium

ICD-10-CM diagnosis codes for Air and thrombotic embolism
I26 Pulmonary embolism
I26.0 Pulmonary embolism with acute cor pulmonale
I26.01 Septic pulmonary embolism with acute cor pulmonale
I26.02 Saddle embolus of pulmonary artery with acute cor pulmonale
I26.09 Other pulmonary embolism with acute core pulmonale
I26.9 Pulmonary embolism without acute cor pulmonale
I26.90 Septic pulmonary embolism without acute cor pulmonale
I26.92 Saddle embolus of pulmonary artery without acute cor pulmonale
I26.93 Single subsegmental pulmonary embolism without acute core pulmonale
I26.94 Multiple subsegmental pulmonary emboli without acute cor pulmonale
I26.99 Other pulmonary embolism without acute cor pulmonale
O88.012 Air embolism in pregnancy, second trimester
O88.013 Air embolism in pregnancy, third trimester
O88.019  Air embolism in pregnancy, unspecified trimester
O88.02   Air embolism in childbirth
O88.03   Air embolism in the puerperium
O88.212  Thromboembolism in pregnancy, second trimester
O88.213  Thromboembolism in pregnancy, third trimester
O88.219  Thromboembolism in pregnancy, unspecified trimester
O88.22   Thromboembolism in childbirth
O88.23   Thromboembolism in the puerperium
O88.312  Pyemic and septic embolism in pregnancy, second trimester
O88.313  Pyemic and septic embolism in pregnancy, third trimester
O88.319  Pyemic and septic embolism in pregnancy, unspecified trimester
O88.32   Pyemic and septic embolism in childbirth
O88.33   Pyemic and septic embolism in the puerperium
O88.812  Other embolism in pregnancy, second trimester
O88.813  Other embolism in pregnancy, third trimester
O88.819  Other embolism in pregnancy, unspecified trimester
O88.82   Other embolism in childbirth
O88.83   Other embolism in the puerperium
T80.0XXA Air embolism following infusion, transfusion and therapeutic injection, initial encounter

ICD-10-CM diagnosis codes for Aneurysm
I71     Aortic aneurysm and dissection
I71.0   Dissection of aorta
I71.00  Dissection of unspecified site of aorta
I71.01  Dissection of thoracic aorta
I71.010 Dissection of ascending aorta
I71.011 Dissection of aortic arch
I71.012 Dissection of descending thoracic aorta
I71.019 Dissection of thoracic aorta, unspecified
I71.02  Dissection of abdominal aorta
I71.03  Dissection of thoracoabdominal aorta
I71.1   Thoracic aortic aneurysm, ruptured
I71.10  Thoracic aortic aneurysm, ruptured, unspecified
I71.11  Aneurysm of the ascending aorta, ruptured
I71.12  Aneurysm of the aortic arch, ruptured
I71.13  Aneurysm of the descending thoracic aorta, ruptured
I71.2   Thoracic aortic aneurysm, without rupture
I71.20  Thoracic aortic aneurysm, without rupture, unspecified
I71.21  Aneurysm of the ascending aorta, without rupture
I71.22  Aneurysm of the aortic arch, without rupture
I71.23  Aneurysm of the descending thoracic aorta, without rupture
I71.3   Abdominal aortic aneurysm, ruptured
I71.30  Abdominal aortic aneurysm, ruptured, unspecified
I71.31  Pararenal abdominal aortic aneurysm, ruptured
I71.32  Juxtarenal abdominal aortic aneurysm, ruptured
I71.33  Infra renal abdominal aortic aneurysm, ruptured
I71.4  Abdominal aortic aneurysm, without rupture
I71.40  Abdominal aortic aneurysm, without rupture, unspecified
I71.41  Pararenal abdominal aortic aneurysm, without rupture
I71.42  Juxtarenal abdominal aortic aneurysm, without rupture
I71.43  Infra renal abdominal aortic aneurysm, without rupture
I71.5  Thoracoabdominal aortic aneurysm, ruptured
I71.50  Thoracoabdominal aortic aneurysm, ruptured, unspecified
I71.51  Supraceliac aneurysm of the abdominal aorta, ruptured
I71.52  Paravisceral aneurysm of the abdominal aorta, ruptured
I71.6  Thoracoabdominal aortic aneurysm, without rupture
I71.60  Thoracoabdominal aortic aneurysm, without rupture, unspecified
I71.61  Supraceliac aneurysm of the abdominal aorta, without rupture
I71.62  Paravisceral aneurysm of the abdominal aorta, without rupture
I71.8  Aortic aneurysm of unspecified site, ruptured
I71.9  Aortic aneurysm of unspecified site, without rupture
I79.0  Aneurysm of aorta in diseases classified elsewhere

ICD-10-CM diagnosis codes for Adult respiratory distress syndrome
J80  Acute respiratory distress syndrome
J95.1  Acute pulmonary insufficiency following thoracic surgery
J95.2  Acute pulmonary insufficiency following nonthoracic surgery
J95.3  Chronic pulmonary insufficiency following surgery
J95.82  Postprocedural respiratory failure
J95.821  Acute postprocedural respiratory failure
J95.822  Acute and chronic postprocedural respiratory failure
J96.0  Acute respiratory failure
J96.00  Acute respiratory failure, unspecified whether with hypoxia or hypercapnia
J96.01  Acute respiratory failure with hypoxia
J96.02  Acute respiratory failure with hypercapnia
J96.2  Acute and chronic respiratory failure
J96.20  Acute and chronic respiratory failure, unspecified whether with hypoxia or hypercapnia
J96.21  Acute and chronic respiratory failure with hypoxia
J96.22  Acute and chronic respiratory failure with hypercapnia
J96.9  Respiratory failure, unspecified
J96.90  Respiratory failure, unspecified, unspecified whether with hypoxia or hypercapnia
J96.91  Respiratory failure, unspecified with hypoxia
J96.92  Respiratory failure, unspecified with hypercapnia
R06.03  Acute respiratory distress syndrome
R09.2  Respiratory arrest

ICD-10-CM diagnosis codes for Cardiac arrest / ventricular fibrillation
I46      Cardiac arrest
I46.2    Cardiac arrest due to underlying cardiac condition
I46.8    Cardiac arrest due to other underlying condition
I46.9    Cardiac arrest, cause unspecified
I49.0    Ventricular fibrillation and flutter
I49.01   Ventricular fibrillation
I49.02   Ventricular flutter

ICD-10-CM diagnosis codes for C-section delivery
Onset (spontaneous) of labor after 37 completed weeks of gestation but before
O75.82   39 completed weeks gestation, with delivery by (planned) cesarean section
O82      Encounter for cesarean delivery without indication

ICD-10-CM diagnosis codes for Delivery
Z37      Outcome of delivery
Z37.0    Single live birth
Z37.1    Single stillbirth
Z37.2    Twins, both liveborn
Z37.3    Twins, one liveborn and one stillborn
Z37.4    Twins, both stillborn
Z37.5    Other multiple births, all liveborn
Z37.50   Multiple births, unspecified, all liveborn
Z37.51   Triplets, all liveborn
Z37.52   Quadruplets, all liveborn
Z37.53   Quintuplets, all liveborn
Z37.54   Sextuplets, all liveborn
Z37.59   Other multiple births, all liveborn
Z37.6    Other multiple births, some liveborn
Z37.60   Multiple births, unspecified, some liveborn
Z37.61   Triplets, some liveborn
Z37.62   Quadruplets, some liveborn
Z37.63   Quintuplets, some liveborn
Z37.64   Sextuplets, some liveborn
Z37.69   Other multiple births, some liveborn
Z37.7    Other multiple births, all stillborn
Z37.9    Outcome of delivery, unspecified
O60.1    Preterm labor with preterm delivery
O60.10   Preterm labor with preterm delivery, unspecified trimester
Preterm labor with preterm delivery, unspecified trimester, not applicable or unspecified
O60.10X0
Preterm labor with preterm delivery, unspecified trimester, fetus 1
O60.10X1
Preterm labor with preterm delivery, unspecified trimester, fetus 2
O60.10X2
Preterm labor with preterm delivery, unspecified trimester, fetus 3
O60.10X3
Preterm labor with preterm delivery, unspecified trimester, fetus 4
O60.10X4
Preterm labor with preterm delivery, unspecified trimester, fetus 5
O60.10X5
Preterm labor with preterm delivery, unspecified trimester, other fetus
O60.10X9
Preterm labor with preterm delivery, unspecified trimester, unspecified
Preterm labor with preterm delivery second trimester, not applicable or unspecified
O60.12X0
Preterm labor second trimester with preterm delivery second trimester, fetus 1
O60.12X1
Preterm labor second trimester with preterm delivery second trimester, fetus 2
O60.12X2
Preterm labor second trimester with preterm delivery second trimester, fetus 3
O60.12X3
Preterm labor second trimester with preterm delivery second trimester, fetus 4
O60.12X4
Preterm labor second trimester with preterm delivery second trimester, fetus 5
O60.12X5
Preterm labor second trimester with preterm delivery second trimester, other fetus
O60.12X9
Preterm labor second trimester with preterm delivery third trimester, not applicable or unspecified
O60.13X0
Preterm labor second trimester with preterm delivery third trimester, fetus 1
O60.13X1
Preterm labor second trimester with preterm delivery third trimester, fetus 2
O60.13X2
Preterm labor second trimester with preterm delivery third trimester, fetus 3
O60.13X3
Preterm labor second trimester with preterm delivery third trimester, fetus 4
O60.13X4
Preterm labor second trimester with preterm delivery third trimester, fetus 5
O60.13X5
Preterm labor second trimester with preterm delivery third trimester, other fetus
O60.13X9
Preterm labor third trimester with preterm delivery third trimester, not applicable or unspecified
O60.14X0
Preterm labor third trimester with preterm delivery third trimester, fetus 1
O60.14X1
Preterm labor third trimester with preterm delivery third trimester, fetus 2
O60.14X2
Preterm labor third trimester with preterm delivery third trimester, fetus 3
O60.14X3
Preterm labor third trimester with preterm delivery third trimester, fetus 4
O60.14X4
Preterm labor third trimester with preterm delivery third trimester, fetus 5
O60.14X5
Preterm labor third trimester with preterm delivery third trimester, other fetus
O60.14X9
O60.2  Term delivery with preterm labor
O60.20  Term delivery with preterm labor, unspecified trimester
        Term delivery with preterm labor, unspecified trimester, not applicable or unspecified
O60.20X0
O60.20X1  Term delivery with preterm labor, unspecified trimester, fetus 1
O60.20X2  Term delivery with preterm labor, unspecified trimester, fetus 2
O60.20X3  Term delivery with preterm labor, unspecified trimester, fetus 3
O60.20X4  Term delivery with preterm labor, unspecified trimester, fetus 4
O60.20X5  Term delivery with preterm labor, unspecified trimester, fetus 5
O60.20X9  Term delivery with preterm labor, unspecified trimester, other fetus
O60.22  Term delivery with preterm labor, second trimester
        Term delivery with preterm labor, second trimester, not applicable or unspecified
O60.22X0
O60.22X1  Term delivery with preterm labor, second trimester, fetus 1
O60.22X2  Term delivery with preterm labor, second trimester, fetus 2
O60.22X3  Term delivery with preterm labor, second trimester, fetus 3
O60.22X4  Term delivery with preterm labor, second trimester, fetus 4
O60.22X5  Term delivery with preterm labor, second trimester, fetus 5
O60.22X9  Term delivery with preterm labor, second trimester, other fetus
O60.23  Term delivery with preterm labor, third trimester
        Term delivery with preterm labor, third trimester, not applicable or unspecified
O60.23X0
O60.23X1  Term delivery with preterm labor, third trimester, fetus 1
O60.23X2  Term delivery with preterm labor, third trimester, fetus 2
O60.23X3  Term delivery with preterm labor, third trimester, fetus 3
O60.23X4  Term delivery with preterm labor, third trimester, fetus 4
O60.23X5  Term delivery with preterm labor, third trimester, fetus 5
O60.23X9  Term delivery with preterm labor, third trimester, other fetus
O66.5  Attempted application of vacuum extractor and forceps
        Onset (spontaneous) of labor after 37 completed weeks of gestation but before 39 completed weeks gestation, with delivery by (planned) cesarean section
O75.82
O80  Encounter for full-term uncomplicated delivery
O82  Encounter for cesarean delivery without indication

**ICD-10-CM diagnosis codes for Depression/Anxiety**

F06.4  Anxiety disorder due to known physiological condition
F31.3  Bipolar disorder, current episode depressed, mild or moderate severity
        Bipolar disorder, current episode depressed, mild or moderate severity, unspecified
F31.30
F31.31  Bipolar disorder, current episode depressed, mild
F31.32  Bipolar disorder, current episode depressed, moderate
Bipolar disorder, current episode depressed, severe, without psychotic features
F31.4

Bipolar disorder, current episode depressed, severe, with psychotic features
F31.5

Bipolar disorder, current episode mixed
F31.6

Bipolar disorder, current episode mixed, unspecified
F31.60

Bipolar disorder, current episode mixed, mild
F31.61

Bipolar disorder, current episode mixed, moderate
F31.62

Bipolar disorder, current episode mixed, severe, without psychotic features
F31.63

Bipolar disorder, current episode mixed, severe, with psychotic features
F31.64

Bipolar disorder, in partial remission, most recent episode depressed
F31.75

Bipolar disorder, in full remission, most recent episode depressed
F31.76

Bipolar disorder, in partial remission, most recent episode mixed
F31.77

Bipolar disorder, in full remission, most recent episode mixed
F31.78

Bipolar II disorder
F31.81

Major depressive disorder, single episode, mild
F32.0

Major depressive disorder, single episode, moderate
F32.1

Major depressive disorder, single episode, severe without psychotic features
F32.2

Major depressive disorder, single episode, severe with psychotic features
F32.3

Major depressive disorder, single episode, in partial remission
F32.4

Major depressive disorder, single episode, in full remission
F32.5

Other specified depressive episodes
F32.89

Major depressive disorder, single episode, unspecified
F32.9

Depression, unspecified
F32.A

Major depressive disorder, recurrent
F33

Major depressive disorder, recurrent, mild
F33.0

Major depressive disorder, recurrent, moderate
F33.1

Major depressive disorder, recurrent severe without psychotic features
F33.2

Major depressive disorder, recurrent severe with psychotic symptoms
F33.3

Major depressive disorder, recurrent, in remission
F33.4

Major depressive disorder, recurrent, in remission, unspecified
F33.40

Major depressive disorder, recurrent, in partial remission
F33.41

Major depressive disorder, recurrent, in full remission
F33.42

Other recurrent depressive disorders
F33.8

Major depressive disorder, recurrent, unspecified
F33.9

Dysthymic disorder
F34.1

Phobic anxiety disorders
F40

Agoraphobia
F40.0

Agoraphobia, unspecified
F40.00

Agoraphobia with panic disorder
F40.01

Agoraphobia without panic disorder
F40.02

Social phobias
F40.1
F40.10  Social phobia, unspecified
F40.11  Social phobia, generalized
F40.2   Specific (isolated) phobias
F40.21  Animal type phobia
F40.210 Arachnophobia
F40.218 Other animal type phobia
F40.22  Natural environment type phobia
F40.220 Fear of thunderstorms
F40.228 Other natural environment type phobia
F40.23  Blood, injection, injury type phobia
F40.230 Fear of blood
F40.231 Fear of injections and transfusions
F40.232 Fear of other medical care
F40.233 Fear of injury
F40.24  Situational type phobia
F40.240 Claustrophobia
F40.241 Acrophobia
F40.242 Fear of bridges
F40.243 Fear of flying
F40.248 Other situational type phobia
F40.29  Other specified phobia
F40.290 Androphobia
F40.291 Gynephobia
F40.298 Other specified phobia
F40.8   Other phobic anxiety disorders
F40.9   Phobic anxiety disorder, unspecified
F41     Other anxiety disorders
F41.0   Panic disorder [episodic paroxysmal anxiety]
F41.1   Generalized anxiety disorder
F41.3   Other mixed anxiety disorders
F41.8   Other specified anxiety disorders
F41.9   Anxiety disorder, unspecified
F42     Obsessive-compulsive disorder
F42.2   Mixed obsessional thoughts and acts
F42.3   Hoarding disorder
F42.4   Excoriation (skin-picking) disorder
F42.8   Other obsessive-compulsive disorder
F42.9   Obsessive-compulsive disorder, unspecified
F43.0   Acute stress reaction
F43.1   Post-traumatic stress disorder (PTSD)
F43.10  Post-traumatic stress disorder, unspecified
F43.11  Post-traumatic stress disorder, acute
F43.12  Post-traumatic stress disorder, chronic
F43.21  Adjustment disorder with depressed mood
F43.23  Adjustment disorder with mixed anxiety and depressed mood
F44.9   Dissociative and conversion disorder, unspecified
F45.8   Other somatoform disorders
F48.8   Other specified nonpsychotic mental disorders
F48.9   Nonpsychotic mental disorder, unspecified
F93.8   Other childhood emotional disorders
F99     Mental disorder, not otherwise specified
R45.2   Unhappiness
R45.5   Hostility
R45.6   Violent behavior
R45.7   State of emotional shock and stress, unspecified

ICD-10-CM diagnosis codes for Diabetes
E10     Type 1 diabetes mellitus
E10.1   Type 1 diabetes mellitus with ketoacidosis
E10.10  Type 1 diabetes mellitus with ketoacidosis without coma
E10.11  Type 1 diabetes mellitus with ketoacidosis with coma
E10.2   Type 1 diabetes mellitus with kidney complications
E10.21  Type 1 diabetes mellitus with diabetic nephropathy
E10.22  Type 1 diabetes mellitus with diabetic chronic kidney disease
E10.29  Type 1 diabetes mellitus with other diabetic kidney complication
E10.3   Type 1 diabetes mellitus with ophthalmic complications
E10.31  Type 1 diabetes mellitus with unspecified diabetic retinopathy
        Type 1 diabetes mellitus with unspecified diabetic retinopathy with macular edema
E10.311 Type 1 diabetes mellitus with unspecified diabetic retinopathy without macular edema
E10.319 Type 1 diabetes mellitus with mild nonproliferative diabetic retinopathy
E10.32  Type 1 diabetes mellitus with mild nonproliferative diabetic retinopathy with macular edema
E10.321 Type 1 diabetes mellitus with mild nonproliferative diabetic retinopathy with macular edema, right eye
E10.3211 Type 1 diabetes mellitus with mild nonproliferative diabetic retinopathy with macular edema, left eye
E10.3212 Type 1 diabetes mellitus with mild nonproliferative diabetic retinopathy with macular edema, bilateral
E10.3213 Type 1 diabetes mellitus with mild nonproliferative diabetic retinopathy with macular edema, unspecified eye
E10.3219 Type 1 diabetes mellitus with mild nonproliferative diabetic retinopathy without macular edema
E10.329 Type 1 diabetes mellitus with mild nonproliferative diabetic retinopathy without macular edema, right eye
E10.3291 Type 1 diabetes mellitus with mild nonproliferative diabetic retinopathy without macular edema, left eye
Type 1 diabetes mellitus with mild nonproliferative diabetic retinopathy without macular edema, left eye
E10.3292
Type 1 diabetes mellitus with mild nonproliferative diabetic retinopathy without macular edema, bilateral
E10.3293
Type 1 diabetes mellitus with mild nonproliferative diabetic retinopathy without macular edema, unspecified eye
E10.3299
Type 1 diabetes mellitus with moderate nonproliferative diabetic retinopathy with macular edema
E10.33
Type 1 diabetes mellitus with moderate nonproliferative diabetic retinopathy with macular edema, right eye
E10.3311
Type 1 diabetes mellitus with moderate nonproliferative diabetic retinopathy with macular edema, left eye
E10.3312
Type 1 diabetes mellitus with moderate nonproliferative diabetic retinopathy with macular edema, bilateral
E10.3313
Type 1 diabetes mellitus with moderate nonproliferative diabetic retinopathy without macular edema, unspecified eye
E10.3319
Type 1 diabetes mellitus with severe nonproliferative diabetic retinopathy with macular edema
E10.34
Type 1 diabetes mellitus with severe nonproliferative diabetic retinopathy with macular edema, right eye
E10.3411
Type 1 diabetes mellitus with severe nonproliferative diabetic retinopathy with macular edema, left eye
E10.3412
Type 1 diabetes mellitus with severe nonproliferative diabetic retinopathy with macular edema, bilateral
E10.3413
Type 1 diabetes mellitus with severe nonproliferative diabetic retinopathy without macular edema, unspecified eye
E10.3419
Type 1 diabetes mellitus with severe nonproliferative diabetic retinopathy without macular edema
E10.349
Type 1 diabetes mellitus with severe nonproliferative diabetic retinopathy without macular edema, right eye
E10.3491
Type 1 diabetes mellitus with severe nonproliferative diabetic retinopathy without macular edema, left eye

Type 1 diabetes mellitus with severe nonproliferative diabetic retinopathy without macular edema, bilateral

Type 1 diabetes mellitus with severe nonproliferative diabetic retinopathy without macular edema, unspecified eye

Type 1 diabetes mellitus with proliferative diabetic retinopathy with macular edema

Type 1 diabetes mellitus with proliferative diabetic retinopathy with macular edema, right eye

Type 1 diabetes mellitus with proliferative diabetic retinopathy with macular edema, left eye

Type 1 diabetes mellitus with proliferative diabetic retinopathy with macular edema, bilateral

Type 1 diabetes mellitus with proliferative diabetic retinopathy with macular edema, unspecified eye

Type 1 diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment involving the macula

Type 1 diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment involving the macula, right eye

Type 1 diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment involving the macula, left eye

Type 1 diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment involving the macula, bilateral

Type 1 diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment involving the macula, unspecified eye

Type 1 diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment not involving the macula

Type 1 diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment not involving the macula, right eye

Type 1 diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment not involving the macula, left eye

Type 1 diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment not involving the macula, bilateral

Type 1 diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment not involving the macula, unspecified eye

Type 1 diabetes mellitus with proliferative diabetic retinopathy with combined traction retinal detachment and rhegmatogenous retinal detachment

Type 1 diabetes mellitus with proliferative diabetic retinopathy with combined traction retinal detachment and rhegmatogenous retinal detachment, right eye
Type 1 diabetes mellitus with proliferative diabetic retinopathy with combined traction retinal detachment and rhegmatogenous retinal detachment, left eye

E10.3542

Type 1 diabetes mellitus with proliferative diabetic retinopathy with combined traction retinal detachment and rhegmatogenous retinal detachment, bilateral

E10.3543

Type 1 diabetes mellitus with proliferative diabetic retinopathy with combined traction retinal detachment and rhegmatogenous retinal detachment, unspecified eye

E10.3549

Type 1 diabetes mellitus with stable proliferative diabetic retinopathy

E10.355

Type 1 diabetes mellitus with stable proliferative diabetic retinopathy, right eye

E10.3551

Type 1 diabetes mellitus with stable proliferative diabetic retinopathy, left eye

E10.3552

Type 1 diabetes mellitus with stable proliferative diabetic retinopathy, bilateral

E10.3553

Type 1 diabetes mellitus with stable proliferative diabetic retinopathy, unspecified eye

E10.3559

Type 1 diabetes mellitus with proliferative diabetic retinopathy without macular edema

E10.359

Type 1 diabetes mellitus with proliferative diabetic retinopathy without macular edema, right eye

E10.3591

Type 1 diabetes mellitus with proliferative diabetic retinopathy without macular edema, left eye

E10.3592

Type 1 diabetes mellitus with proliferative diabetic retinopathy without macular edema, bilateral

E10.3593

Type 1 diabetes mellitus with proliferative diabetic retinopathy without macular edema, unspecified eye

E10.3599

Type 1 diabetes mellitus with diabetic cataract

E10.36

Type 1 diabetes mellitus with diabetic macular edema, resolved following treatment

E10.37

Type 1 diabetes mellitus with diabetic macular edema, resolved following treatment, right eye

E10.37X1

Type 1 diabetes mellitus with diabetic macular edema, resolved following treatment, left eye

E10.37X2

Type 1 diabetes mellitus with diabetic macular edema, resolved following treatment, bilateral

E10.37X3

Type 1 diabetes mellitus with diabetic macular edema, resolved following treatment, unspecified eye

E10.37X9

Type 1 diabetes mellitus with other diabetic ophthalmic complication

E10.39

Type 1 diabetes mellitus with neurological complications

E10.4

Type 1 diabetes mellitus with diabetic neuropathy, unspecified

E10.40

Type 1 diabetes mellitus with diabetic mononeuropathy

E10.41
E10.42  Type 1 diabetes mellitus with diabetic polyneuropathy
E10.43  Type 1 diabetes mellitus with diabetic autonomic (poly)neuropathy
E10.44  Type 1 diabetes mellitus with diabetic amyotrophy
E10.49  Type 1 diabetes mellitus with other diabetic neurological complication
E10.5  Type 1 diabetes mellitus with circulatory complications
E10.51  Type 1 diabetes mellitus with diabetic peripheral angiopathy without gangrene
E10.52  Type 1 diabetes mellitus with diabetic peripheral angiopathy with gangrene
E10.59  Type 1 diabetes mellitus with other circulatory complications
E10.6  Type 1 diabetes mellitus with other specified complications
E10.61  Type 1 diabetes mellitus with diabetic arthropathy
E10.610 Type 1 diabetes mellitus with diabetic neuropathic arthropathy
E10.618 Type 1 diabetes mellitus with other diabetic arthropathy
E10.62  Type 1 diabetes mellitus with skin complications
E10.620 Type 1 diabetes mellitus with diabetic dermatitis
E10.621 Type 1 diabetes mellitus with foot ulcer
E10.622 Type 1 diabetes mellitus with other skin ulcer
E10.628 Type 1 diabetes mellitus with other skin complications
E10.63  Type 1 diabetes mellitus with oral complications
E10.630 Type 1 diabetes mellitus with periodontal disease
E10.638 Type 1 diabetes mellitus with other oral complications
E10.64  Type 1 diabetes mellitus with hypoglycemia
E10.641 Type 1 diabetes mellitus with hypoglycemia with coma
E10.649 Type 1 diabetes mellitus with hypoglycemia without coma
E10.65  Type 1 diabetes mellitus with hyperglycemia
E10.69  Type 1 diabetes mellitus with other specified complication
E10.8  Type 1 diabetes mellitus with unspecified complications
E10.9  Type 1 diabetes mellitus without complications
E11  Type 2 diabetes mellitus
E11.0  Type 2 diabetes mellitus with hyperosmolarity
E11.00 Type 2 diabetes mellitus with hyperosmolarity without nonketotic hyperglycemic-hyperosmolar coma (NKHHC)
E11.01 Type 2 diabetes mellitus with hyperosmolarity with coma
E11.1  Type 2 diabetes mellitus with ketoacidosis
E11.10 Type 2 diabetes mellitus with ketoacidosis without coma
E11.11 Type 2 diabetes mellitus with ketoacidosis with coma
E11.2  Type 2 diabetes mellitus with kidney complications
E11.21 Type 2 diabetes mellitus with diabetic nephropathy
E11.22 Type 2 diabetes mellitus with diabetic chronic kidney disease
E11.29 Type 2 diabetes mellitus with other diabetic kidney complication
E11.3  Type 2 diabetes mellitus with ophtalmic complications
E11.31 Type 2 diabetes mellitus with unspecified diabetic retinopathy
E11.311  Type 2 diabetes mellitus with unspecified diabetic retinopathy with macular edema
E11.319  Type 2 diabetes mellitus with unspecified diabetic retinopathy without macular edema
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E11.3391 Type 2 diabetes mellitus with moderate nonproliferative diabetic retinopathy without macular edema, right eye
E11.3392 Type 2 diabetes mellitus with moderate nonproliferative diabetic retinopathy without macular edema, left eye
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<th>Code</th>
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<td>Type 2 diabetes mellitus with moderate nonproliferative diabetic retinopathy without macular edema, unspecified eye</td>
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<td>Type 2 diabetes mellitus with severe nonproliferative diabetic retinopathy with macular edema</td>
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<td>Type 2 diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment involving the macula</td>
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<td>Type 2 diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment involving the macula, right eye</td>
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Type 2 diabetes mellitus with stable proliferative diabetic retinopathy
Type 2 diabetes mellitus with stable proliferative diabetic retinopathy, right eye
Type 2 diabetes mellitus with stable proliferative diabetic retinopathy, left eye
Type 2 diabetes mellitus with stable proliferative diabetic retinopathy, bilateral
Type 2 diabetes mellitus with stable proliferative diabetic retinopathy, unspecified eye
Type 2 diabetes mellitus with proliferative diabetic retinopathy without macular edema
Type 2 diabetes mellitus with proliferative diabetic retinopathy without macular edema, right eye
Type 2 diabetes mellitus with proliferative diabetic retinopathy without macular edema, left eye

**E11.3592**

Type 2 diabetes mellitus with proliferative diabetic retinopathy without macular edema, bilateral

**E11.3593**

Type 2 diabetes mellitus with proliferative diabetic retinopathy without macular edema, unspecified eye

**E11.3599**

Type 2 diabetes mellitus with diabetic cataract

**E11.36**

Type 2 diabetes mellitus with diabetic macular edema, resolved following treatment

**E11.37**

Type 2 diabetes mellitus with diabetic macular edema, resolved following treatment, right eye

**E11.37X1**

Type 2 diabetes mellitus with diabetic macular edema, resolved following treatment, left eye

**E11.37X2**

Type 2 diabetes mellitus with diabetic macular edema, resolved following treatment, bilateral

**E11.37X3**

Type 2 diabetes mellitus with diabetic macular edema, resolved following treatment, unspecified eye

**E11.37X9**

Type 2 diabetes mellitus with other diabetic ophthalmic complication

**E11.39**

Type 2 diabetes mellitus with neurological complications

**E11.4**

Type 2 diabetes mellitus with diabetic neuropathy, unspecified

**E11.40**

Type 2 diabetes mellitus with diabetic mononeuropathy

**E11.41**

Type 2 diabetes mellitus with diabetic polyneuropathy

**E11.42**

Type 2 diabetes mellitus with diabetic autonomic (poly)neuropathy

**E11.43**

Type 2 diabetes mellitus with diabetic amyotrophy

**E11.44**

Type 2 diabetes mellitus with other diabetic neurological complication

**E11.49**

Type 2 diabetes mellitus with circulatory complications

**E11.5**

Type 2 diabetes mellitus with diabetic peripheral angiopathy without gangrene

**E11.51**

Type 2 diabetes mellitus with diabetic peripheral angiopathy with gangrene

**E11.52**

Type 2 diabetes mellitus with other circulatory complications

**E11.59**

Type 2 diabetes mellitus with other specified complications

**E11.6**

Type 2 diabetes mellitus with diabetic arthropathy

**E11.61**

Type 2 diabetes mellitus with diabetic neuropathic arthropathy

**E11.610**

Type 2 diabetes mellitus with other diabetic arthropathy

**E11.618**

Type 2 diabetes mellitus with skin complications

**E11.62**

Type 2 diabetes mellitus with diabetic dermatitis

**E11.620**

Type 2 diabetes mellitus with foot ulcer

**E11.621**

Type 2 diabetes mellitus with other skin ulcer

**E11.622**

Type 2 diabetes mellitus with other skin complications

**E11.628**

Type 2 diabetes mellitus with oral complications

**E11.63**

Type 2 diabetes mellitus with periodontal disease

**E11.630**

Type 2 diabetes mellitus with other oral complications

**E11.638**

Type 2 diabetes mellitus with hypoglycemia

**E11.641**
E11.641 Type 2 diabetes mellitus with hypoglycemia with coma
E11.649 Type 2 diabetes mellitus with hypoglycemia without coma
E11.65 Type 2 diabetes mellitus with hyperglycemia
E11.69 Type 2 diabetes mellitus with other specified complication
E11.8 Type 2 diabetes mellitus with unspecified complications
E11.9 Type 2 diabetes mellitus without complications
E13 Other specified diabetes mellitus
E13.0 Other specified diabetes mellitus with hyperosmolarity
Other specified diabetes mellitus with hyperosmolarity without nonketotic hyperglycemic-hyperosmolar coma (NKHHC)
E13.00 Other specified diabetes mellitus with hyperosmolarity with coma
E13.01 Other specified diabetes mellitus with hyperosmolarity with coma
E13.1 Other specified diabetes mellitus with ketoacidosis
E13.10 Other specified diabetes mellitus with ketoacidosis without coma
E13.11 Other specified diabetes mellitus with ketoacidosis with coma
E13.2 Other specified diabetes mellitus with kidney complications
E13.21 Other specified diabetes mellitus with diabetic nephropathy
E13.22 Other specified diabetes mellitus with diabetic chronic kidney disease
E13.29 Other specified diabetes mellitus with other diabetic kidney complication
E13.3 Other specified diabetes mellitus with ophthalmic complications
E13.31 Other specified diabetes mellitus with unspecified diabetic retinopathy
Other specified diabetes mellitus with unspecified diabetic retinopathy with macular edema
E13.311 Other specified diabetes mellitus with unspecified diabetic retinopathy with macular edema
E13.319 Other specified diabetes mellitus with mild nonproliferative diabetic retinopathy
E13.32 Other specified diabetes mellitus with mild nonproliferative diabetic retinopathy with macular edema
E13.321 Other specified diabetes mellitus with mild nonproliferative diabetic retinopathy with macular edema
E13.3211 Other specified diabetes mellitus with mild nonproliferative diabetic retinopathy with macular edema, right eye
E13.3212 Other specified diabetes mellitus with mild nonproliferative diabetic retinopathy with macular edema, left eye
E13.3213 Other specified diabetes mellitus with mild nonproliferative diabetic retinopathy with macular edema, bilateral
E13.3219 Other specified diabetes mellitus with mild nonproliferative diabetic retinopathy with macular edema, unspecified eye
E13.329 Other specified diabetes mellitus with mild nonproliferative diabetic retinopathy without macular edema
E13.3291 Other specified diabetes mellitus with mild nonproliferative diabetic retinopathy without macular edema, right eye
E13.3292 Other specified diabetes mellitus with mild nonproliferative diabetic retinopathy without macular edema, left eye
Other specified diabetes mellitus with mild nonproliferative diabetic retinopathy without macular edema, bilateral
Other specified diabetes mellitus with mild nonproliferative diabetic retinopathy without macular edema, unspecified eye
Other specified diabetes mellitus with moderate nonproliferative diabetic retinopathy
Other specified diabetes mellitus with moderate nonproliferative diabetic retinopathy with macular edema
Other specified diabetes mellitus with moderate nonproliferative diabetic retinopathy with macular edema, right eye
Other specified diabetes mellitus with moderate nonproliferative diabetic retinopathy with macular edema, left eye
Other specified diabetes mellitus with moderate nonproliferative diabetic retinopathy with macular edema, bilateral
Other specified diabetes mellitus with moderate nonproliferative diabetic retinopathy with macular edema, unspecified eye
Other specified diabetes mellitus with moderate nonproliferative diabetic retinopathy without macular edema
Other specified diabetes mellitus with moderate nonproliferative diabetic retinopathy without macular edema, right eye
Other specified diabetes mellitus with moderate nonproliferative diabetic retinopathy without macular edema, left eye
Other specified diabetes mellitus with moderate nonproliferative diabetic retinopathy without macular edema, bilateral
Other specified diabetes mellitus with moderate nonproliferative diabetic retinopathy without macular edema, unspecified eye
Other specified diabetes mellitus with severe nonproliferative diabetic retinopathy
Other specified diabetes mellitus with severe nonproliferative diabetic retinopathy with macular edema
Other specified diabetes mellitus with severe nonproliferative diabetic retinopathy with macular edema, right eye
Other specified diabetes mellitus with severe nonproliferative diabetic retinopathy with macular edema, left eye
Other specified diabetes mellitus with severe nonproliferative diabetic retinopathy with macular edema, bilateral
Other specified diabetes mellitus with severe nonproliferative diabetic retinopathy with macular edema, unspecified eye
Other specified diabetes mellitus with severe nonproliferative diabetic retinopathy without macular edema
Other specified diabetes mellitus with severe nonproliferative diabetic retinopathy without macular edema, right eye
Other specified diabetes mellitus with severe nonproliferative diabetic retinopathy without macular edema, left eye

E13.3492

Other specified diabetes mellitus with severe nonproliferative diabetic retinopathy without macular edema, bilateral

E13.3493

Other specified diabetes mellitus with severe nonproliferative diabetic retinopathy without macular edema, unspecified eye

E13.3499

Other specified diabetes mellitus with proliferative diabetic retinopathy

E13.35

Other specified diabetes mellitus with proliferative diabetic retinopathy with macular edema

E13.351

Other specified diabetes mellitus with proliferative diabetic retinopathy with macular edema, right eye

E13.3511

Other specified diabetes mellitus with proliferative diabetic retinopathy with macular edema, left eye

E13.3512

Other specified diabetes mellitus with proliferative diabetic retinopathy with macular edema, bilateral

E13.3513

Other specified diabetes mellitus with proliferative diabetic retinopathy with macular edema, unspecified eye

E13.3519

Other specified diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment involving the macula

E13.352

Other specified diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment involving the macula, right eye

E13.3521

Other specified diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment involving the macula, left eye

E13.3522

Other specified diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment involving the macula, bilateral

E13.3523

Other specified diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment involving the macula, unspecified eye

E13.3529

Other specified diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment not involving the macula

E13.353

Other specified diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment not involving the macula, right eye

E13.3531

Other specified diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment not involving the macula, left eye

E13.3532

Other specified diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment not involving the macula, bilateral

E13.3533

Other specified diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment not involving the macula, unspecified eye

E13.3539

Other specified diabetes mellitus with proliferative diabetic retinopathy with combined traction retinal detachment and rhegmatogenous retinal detachment

E13.354

Other specified diabetes mellitus with proliferative diabetic retinopathy with combined traction retinal detachment and rhegmatogenous retinal detachment, right eye

E13.3541
Other specified diabetes mellitus with proliferative diabetic retinopathy with combined traction retinal detachment and rhegmatogenous retinal detachment, left eye

E13.3542

Other specified diabetes mellitus with proliferative diabetic retinopathy with combined traction retinal detachment and rhegmatogenous retinal detachment, bilateral

E13.3543

Other specified diabetes mellitus with proliferative diabetic retinopathy with combined traction retinal detachment and rhegmatogenous retinal detachment, unspecified eye

E13.3549

Other specified diabetes mellitus with stable proliferative diabetic retinopathy

E13.355

Other specified diabetes mellitus with stable proliferative diabetic retinopathy, right eye

E13.3551

Other specified diabetes mellitus with stable proliferative diabetic retinopathy, left eye

E13.3552

Other specified diabetes mellitus with stable proliferative diabetic retinopathy, bilateral

E13.3553

Other specified diabetes mellitus with stable proliferative diabetic retinopathy, unspecified eye

E13.3559

Other specified diabetes mellitus with proliferative diabetic retinopathy without macular edema

E13.359

Other specified diabetes mellitus with proliferative diabetic retinopathy without macular edema, right eye

E13.3591

Other specified diabetes mellitus with proliferative diabetic retinopathy without macular edema, left eye

E13.3592

Other specified diabetes mellitus with proliferative diabetic retinopathy without macular edema, bilateral

E13.3593

Other specified diabetes mellitus with proliferative diabetic retinopathy without macular edema, unspecified eye

E13.3599

Other specified diabetes mellitus with diabetic cataract

E13.36

Other specified diabetes mellitus with diabetic macular edema, resolved following treatment

E13.37

Other specified diabetes mellitus with diabetic macular edema, resolved following treatment, right eye

E13.37X1

Other specified diabetes mellitus with diabetic macular edema, resolved following treatment, left eye

E13.37X2

Other specified diabetes mellitus with diabetic macular edema, resolved following treatment, bilateral

E13.37X3

Other specified diabetes mellitus with diabetic macular edema, resolved following treatment, unspecified eye

E13.37X9

Other specified diabetes mellitus with other diabetic ophthalmic complication

E13.39

Other specified diabetes mellitus with neurological complications

E13.4
E13.40  Other specified diabetes mellitus with diabetic neuropathy, unspecified
E13.41  Other specified diabetes mellitus with diabetic mononeuropathy
E13.42  Other specified diabetes mellitus with diabetic polyneuropathy
E13.43  Other specified diabetes mellitus with diabetic autonomic (poly)neuropathy
E13.44  Other specified diabetes mellitus with diabetic amyotrophy
        Other specified diabetes mellitus with other diabetic neurological compensation
E13.5   Other specified diabetes mellitus with circulatory complications
        Other specified diabetes mellitus with diabetic peripheral angiopathy
        Other specified diabetes mellitus with diabetic peripheral angiopathy with gangrene
E13.6   Other specified diabetes mellitus with other circulatory complications
E13.61  Other specified diabetes mellitus with diabetic arthropathy
E13.610 Other specified diabetes mellitus with diabetic neuropathic arthropathy
E13.618 Other specified diabetes mellitus with other diabetic arthropathy
E13.62  Other specified diabetes mellitus with skin complications
E13.620 Other specified diabetes mellitus with diabetic dermatitis
E13.621 Other specified diabetes mellitus with foot ulcer
E13.622 Other specified diabetes mellitus with other skin ulcer
E13.628 Other specified diabetes mellitus with other skin complications
E13.63  Other specified diabetes mellitus with oral complications
E13.630 Other specified diabetes mellitus with periodontal disease
E13.638 Other specified diabetes mellitus with other oral complications
E13.64  Other specified diabetes mellitus with hypoglycemia
E13.641 Other specified diabetes mellitus with hypoglycemia with coma
E13.649 Other specified diabetes mellitus with hypoglycemia without coma
E13.65  Other specified diabetes mellitus with hyperglycemia
E13.69  Other specified diabetes mellitus with other specified complication
E13.8   Other specified diabetes mellitus with unspecified complications
E13.9   Other specified diabetes mellitus without complications
O24    Diabetes mellitus in pregnancy, childbirth, and the puerperium
        Pre-existing type 1 diabetes mellitus, in pregnancy, childbirth and the puerperium
O24.0  Pre-existing type 1 diabetes mellitus, in pregnancy
O24.01 Pre-existing type 1 diabetes mellitus, in pregnancy, first trimester
O24.011 Pre-existing type 1 diabetes mellitus, in pregnancy, first trimester
O24.012 Pre-existing type 1 diabetes mellitus, in pregnancy, second trimester
O24.013 Pre-existing type 1 diabetes mellitus, in pregnancy, third trimester
O24.019 Pre-existing type 1 diabetes mellitus, in pregnancy, unspecified trimester
O24.02 Pre-existing type 1 diabetes mellitus, in childbirth
O24.03 Pre-existing type 1 diabetes mellitus, in the puerperium
Pre-existing type 2 diabetes mellitus, in pregnancy, childbirth and the puerperium
O24.1  Pre-existing type 2 diabetes mellitus, in pregnancy
O24.11  Pre-existing type 2 diabetes mellitus, in pregnancy, first trimester
O24.112  Pre-existing type 2 diabetes mellitus, in pregnancy, second trimester
O24.113  Pre-existing type 2 diabetes mellitus, in pregnancy, third trimester
O24.119  Pre-existing type 2 diabetes mellitus, in pregnancy, unspecified trimester
O24.12  Pre-existing type 2 diabetes mellitus, in childbirth
O24.13  Pre-existing type 2 diabetes mellitus, in the puerperium
Unspecified pre-existing diabetes mellitus in pregnancy, childbirth and the puerperium
O24.3  Unspecified pre-existing diabetes mellitus in pregnancy
O24.31  Unspecified pre-existing diabetes mellitus in pregnancy, first trimester
O24.312  Unspecified pre-existing diabetes mellitus in pregnancy, second trimester
O24.313  Unspecified pre-existing diabetes mellitus in pregnancy, third trimester
Unspecified pre-existing diabetes mellitus in pregnancy, unspecified trimester
O24.32  Unspecified pre-existing diabetes mellitus in childbirth
O24.33  Unspecified pre-existing diabetes mellitus in the puerperium
O24.4  Gestational diabetes mellitus
O24.41  Gestational diabetes mellitus in pregnancy
O24.410  Gestational diabetes mellitus in pregnancy, diet controlled
O24.414  Gestational diabetes mellitus in pregnancy, insulin controlled
Gestational diabetes mellitus in pregnancy, controlled by oral hypoglycemic drugs
O24.415  Gestational diabetes mellitus in pregnancy, unspecified control
O24.42  Gestational diabetes mellitus in childbirth
O24.420  Gestational diabetes mellitus in childbirth, diet controlled
O24.424  Gestational diabetes mellitus in childbirth, insulin controlled
Gestational diabetes mellitus in childbirth, controlled by oral hypoglycemic drugs
O24.425  Gestational diabetes mellitus in childbirth, unspecified control
O24.43  Gestational diabetes mellitus in the puerperium
O24.430  Gestational diabetes mellitus in the puerperium, diet controlled
O24.434  Gestational diabetes mellitus in the puerperium, insulin controlled
Gestational diabetes mellitus in puerperium, controlled by oral hypoglycemic drugs
O24.435  Gestational diabetes mellitus in the puerperium, unspecified control
Other pre-existing diabetes mellitus in pregnancy, childbirth, and the puerperium
O24.8  Other pre-existing diabetes mellitus in pregnancy
O24.81  Other pre-existing diabetes mellitus in pregnancy, first trimester
O24.811  Other pre-existing diabetes mellitus in pregnancy, first trimester
O24.812  Other pre-existing diabetes mellitus in pregnancy, second trimester
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<td>O24.81</td>
<td>Other pre-existing diabetes mellitus in pregnancy, third trimester</td>
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<td>O24.819</td>
<td>Other pre-existing diabetes mellitus in pregnancy, unspecified trimester</td>
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<tr>
<td>O24.82</td>
<td>Other pre-existing diabetes mellitus in childbirth</td>
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<tr>
<td>O24.83</td>
<td>Other pre-existing diabetes mellitus in the puerperium</td>
</tr>
<tr>
<td>O24.9</td>
<td>Unspecified diabetes mellitus in pregnancy, childbirth and the puerperium</td>
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<tr>
<td>O24.91</td>
<td>Unspecified diabetes mellitus in pregnancy</td>
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<td>O24.911</td>
<td>Unspecified diabetes mellitus in pregnancy, first trimester</td>
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<td>O24.912</td>
<td>Unspecified diabetes mellitus in pregnancy, second trimester</td>
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<td>O24.913</td>
<td>Unspecified diabetes mellitus in pregnancy, third trimester</td>
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<tr>
<td>O24.919</td>
<td>Unspecified diabetes mellitus in pregnancy, unspecified trimester</td>
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<tr>
<td>O24.92</td>
<td>Unspecified diabetes mellitus in childbirth</td>
</tr>
<tr>
<td>O24.93</td>
<td>Unspecified diabetes mellitus in the puerperium</td>
</tr>
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</table>

**ICD-10-CM diagnosis codes for Disseminated intravascular coagulation**

<table>
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<tr>
<th>Code</th>
<th>Description</th>
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<tbody>
<tr>
<td>D65</td>
<td>Disseminated intravascular coagulation [defibrination syndrome]</td>
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<tr>
<td>D68.8</td>
<td>Other specified coagulation effects</td>
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<tr>
<td>D68.9</td>
<td>Coagulation defect, unspecified</td>
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<tr>
<td>O45.002</td>
<td>Premature separation of placenta with coagulation defect, unspecified, second trimester</td>
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<tr>
<td>O45.003</td>
<td>Premature separation of placenta with coagulation defect, unspecified, third trimester</td>
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<tr>
<td>O45.009</td>
<td>Premature separation of placenta with coagulation defect, unspecified, unspecified trimester</td>
</tr>
<tr>
<td>O45.012</td>
<td>Premature separation of placenta with afibrinogenemia, second trimester</td>
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<tr>
<td>O45.013</td>
<td>Premature separation of placenta with afibrinogenemia, third trimester</td>
</tr>
<tr>
<td>O45.019</td>
<td>Premature separation of placenta with afibrinogenemia, unspecified trimester</td>
</tr>
<tr>
<td>O45.022</td>
<td>Premature separation of placenta with disseminated intravascular coagulation, second trimester</td>
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<td>O45.023</td>
<td>Premature separation of placenta with disseminated intravascular coagulation, third trimester</td>
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<tr>
<td>O45.029</td>
<td>Premature separation of placenta with disseminated intravascular coagulation, unspecified trimester</td>
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<tr>
<td>O45.092</td>
<td>Premature separation of placenta with other coagulation defect, second trimester</td>
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<td>O45.093</td>
<td>Premature separation of placenta with other coagulation defect, third trimester</td>
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<tr>
<td>O45.099</td>
<td>Antepartum hemorrhage with coagulation defect, unspecified trimester</td>
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<td>O46.002</td>
<td>Antepartum hemorrhage with coagulation defect, unspecified, second trimester</td>
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<tr>
<td>O46.003</td>
<td>Antepartum hemorrhage with coagulation defect, unspecified, third trimester</td>
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</table>
Antepartum hemorrhage with coagulation defect, unspecified, unspecified trimester
O46.009
Antepartum hemorrhage with afibrinogenemia, second trimester
O46.012
Antepartum hemorrhage with afibrinogenemia, third trimester
O46.013
Antepartum hemorrhage with afibrinogenemia, unspecified trimester
O46.019
Antepartum hemorrhage with disseminated intravascular coagulation, second trimester
O46.022
Antepartum hemorrhage with disseminated intravascular coagulation, third trimester
O46.023
Antepartum hemorrhage with disseminated intravascular coagulation, unspecified trimester
O46.029
Antepartum hemorrhage with other coagulation defect, second trimester
O46.092
Antepartum hemorrhage with other coagulation defect, third trimester
O46.093
Antepartum hemorrhage with other coagulation defect, unspecified trimester
O46.099
Intrapartum hemorrhage with coagulation defect
O67.0
Postpartum coagulation defects
O72.3

ICD-10-CM diagnosis codes for Eclampsia
O15 Eclampsia
O15.0 Eclampsia complicating pregnancy
Eclampsia complicating pregnancy, unspecified trimester
O15.00
Eclampsia complicating pregnancy, second trimester
O15.02
Eclampsia complicating pregnancy, third trimester
O15.03
Eclampsia complicating labor
O15.1
Eclampsia complicating the puerperium
O15.2
Eclampsia, unspecified as to time period
O15.9

ICD-10-CM diagnosis codes for Endometritis
O86.12 Endometritis following delivery
Inflammatory disease of uterus, except cervix
N71.X

ICD-10-CM diagnosis codes for Heart failure / arrest during surgery or procedure
I97.12 Postprocedural cardiac arrest
Postprocedural cardiac arrest following cardiac surgery
I97.120
Postprocedural cardiac arrest following other surgery
I97.121
Postprocedural heart failure
Postprocedural heart failure following cardiac surgery
I97.130

Postprocedural heart failure following other surgery
I97.131
Intraoperative cardiac arrest during cardiac surgery
I97.710
Intraoperative cardiac arrest during other surgery
I97.711

**ICD-10-CM diagnosis codes for Hypertension in pregnancy**

- **Pre-existing hypertension complicating pregnancy, childbirth and the puerperium**
  - O10
    - Pre-existing essential hypertension complicating pregnancy, childbirth and the puerperium
  - O10.0
    - Pre-existing essential hypertension complicating pregnancy
  - O10.01
    - Pre-existing essential hypertension complicating pregnancy, first trimester
  - O10.011
    - Pre-existing essential hypertension complicating pregnancy, second trimester
  - O10.012
    - Pre-existing essential hypertension complicating pregnancy, third trimester
  - O10.013
    - Pre-existing essential hypertension complicating pregnancy, unspecified trimester
  - O10.019
    - Pre-existing essential hypertension complicating pregnancy, unspecified trimester
  - O10.02
    - Pre-existing essential hypertension complicating childbirth
  - O10.03
    - Pre-existing essential hypertension complicating the puerperium
  - O10.1
    - Pre-existing hypertensive heart disease complicating pregnancy, childbirth and the puerperium
  - O10.11
    - Pre-existing hypertensive heart disease complicating pregnancy
  - O10.111
    - Pre-existing hypertensive heart disease complicating pregnancy, first trimester
  - O10.112
    - Pre-existing hypertensive heart disease complicating pregnancy, second trimester
  - O10.113
    - Pre-existing hypertensive heart disease complicating pregnancy, third trimester
  - O10.119
    - Pre-existing hypertensive heart disease complicating pregnancy, unspecified trimester
  - O10.12
    - Pre-existing hypertensive heart disease complicating childbirth
  - O10.13
    - Pre-existing hypertensive heart disease complicating the puerperium
  - O10.2
    - Pre-existing hypertensive chronic kidney disease complicating pregnancy, childbirth and the puerperium
  - O10.21
    - Pre-existing hypertensive chronic kidney disease complicating pregnancy
  - O10.211
    - Pre-existing hypertensive chronic kidney disease complicating pregnancy, first trimester
  - O10.212
    - Pre-existing hypertensive chronic kidney disease complicating pregnancy, second trimester
  - O10.213
    - Pre-existing hypertensive chronic kidney disease complicating pregnancy, third trimester
  - O10.219
    - Pre-existing hypertensive chronic kidney disease complicating pregnancy, unspecified trimester
O10.22 Pre-existing hypertensive chronic kidney disease complicating childbirth
O10.22 Pre-existing hypertensive chronic kidney disease complicating the puerperium
O10.23 Pre-existing hypertensive heart and chronic kidney disease complicating pregnancy, childbirth and the puerperium
O10.3 Pre-existing hypertensive heart and chronic kidney disease complicating pregnancy
O10.31 Pre-existing hypertensive heart and chronic kidney disease complicating pregnancy, first trimester
O10.312 Pre-existing hypertensive heart and chronic kidney disease complicating pregnancy, second trimester
O10.313 Pre-existing hypertensive heart and chronic kidney disease complicating pregnancy, third trimester
O10.319 Pre-existing hypertensive heart and chronic kidney disease complicating pregnancy, unspecified trimester
O10.32 Pre-existing hypertensive heart and chronic kidney disease complicating childbirth
O10.33 Pre-existing hypertensive heart and chronic kidney disease complicating the puerperium
O10.4 Pre-existing secondary hypertension complicating pregnancy, childbirth and the puerperium
O10.41 Pre-existing secondary hypertension complicating pregnancy
O10.411 Pre-existing secondary hypertension complicating pregnancy, first trimester
O10.412 Pre-existing secondary hypertension complicating pregnancy, second trimester
O10.413 Pre-existing secondary hypertension complicating pregnancy, third trimester
O10.419 Pre-existing secondary hypertension complicating pregnancy, unspecified trimester
O10.42 Pre-existing secondary hypertension complicating childbirth
O10.43 Pre-existing secondary hypertension complicating the puerperium
Unspecified pre-existing hypertension complicating pregnancy, childbirth and the puerperium
O10.9 Unspecified pre-existing hypertension complicating pregnancy
O10.91 Unspecified pre-existing hypertension complicating pregnancy, first trimester
O10.912 Unspecified pre-existing hypertension complicating pregnancy, second trimester
O10.913 Unspecified pre-existing hypertension complicating pregnancy, third trimester
O10.919 Unspecified pre-existing hypertension complicating pregnancy, unspecified trimester
O10.92 Unspecified pre-existing hypertension complicating childbirth
O10.93 Unspecified pre-existing hypertension complicating the puerperium
O11.1 Pre-existing hypertension with pre-eclampsia, first trimester
O11.2 Pre-existing hypertension with pre-eclampsia, second trimester
O11.3 Pre-existing hypertension with pre-eclampsia, third trimester
O11.9 Pre-existing hypertension with pre-eclampsia, unspecified trimester
O14.00 Mild to moderate pre-eclampsia, unspecified trimester
O14.02 Mild to moderate pre-eclampsia, second trimester
O14.03 Mild to moderate pre-eclampsia, third trimester
O14.10 Severe pre-eclampsia, unspecified trimester
O14.12 Severe pre-eclampsia, second trimester
O14.13 Severe pre-eclampsia, third trimester
O14.20 HELLP syndrome (HELLP), unspecified trimester
O14.22 HELLP syndrome (HELLP), second trimester
O14.23 HELLP syndrome (HELLP), third trimester
O14.90 Unspecified pre-eclampsia, unspecified trimester
O14.92 Unspecified pre-eclampsia, second trimester
O14.93 Unspecified pre-eclampsia, third trimester
O15 Eclampsia
O15.0 Eclampsia complicating pregnancy
O15.00 Eclampsia complicating pregnancy, unspecified trimester
O15.02 Eclampsia complicating pregnancy, second trimester
O15.03 Eclampsia complicating pregnancy, third trimester
O15.1 Eclampsia complicating labor
O15.2 Eclampsia complicating the puerperium
O15.9 Eclampsia, unspecified as to time period
O16.1 Unspecified maternal hypertension, first trimester
O16.2 Unspecified maternal hypertension, second trimester
O16.3 Unspecified maternal hypertension, third trimester
O16.9 Unspecified maternal hypertension, unspecified trimester
Gestational [pregnancy-induced] hypertension without significant proteinuria,
O13.1 first trimester
Gestational [pregnancy-induced] hypertension without significant proteinuria,
O13.2 second trimester
Gestational [pregnancy-induced] hypertension without significant proteinuria,
O13.3 third trimester
Gestational [pregnancy-induced] hypertension without significant proteinuria,
O13.9 unspecified trimester

ICD-10-CM diagnosis codes for Interruption of Pregnancy
O00 Ectopic pregnancy
O00.0 Abdominal pregnancy
O00.00 Abdominal pregnancy without intrauterine pregnancy
O00.01 Abdominal pregnancy with intrauterine pregnancy
O00.1 Tubal pregnancy
O00.10 Tubal pregnancy without intrauterine pregnancy
Right tubal pregnancy without intrauterine pregnancy
Left tubal pregnancy without intrauterine pregnancy
Unspecified tubal pregnancy without intrauterine pregnancy
Tubal pregnancy with intrauterine pregnancy
Right tubal pregnancy with intrauterine pregnancy
Left tubal pregnancy with intrauterine pregnancy
Unspecified tubal pregnancy with intrauterine pregnancy
Ovarian pregnancy
Right ovarian pregnancy without intrauterine pregnancy
Left ovarian pregnancy without intrauterine pregnancy
Unspecified ovarian pregnancy without intrauterine pregnancy
Ovarian pregnancy with intrauterine pregnancy
Right ovarian pregnancy with intrauterine pregnancy
Left ovarian pregnancy without intrauterine pregnancy
Unspecified ovarian pregnancy with intrauterine pregnancy
Other ectopic pregnancy
Right ectopic pregnancy without intrauterine pregnancy
Left ectopic pregnancy without intrauterine pregnancy
Other ectopic pregnancy with intrauterine pregnancy
Ectopic pregnancy, unspecified
Unspecified ectopic pregnancy without intrauterine pregnancy
Unspecified ectopic pregnancy with intrauterine pregnancy
Hydatidiform mole
Classical hydatidiform mole
Incomplete and partial hydatidiform mole
Hydatidiform mole, unspecified
Blighted ovum and nonhydatidiform mole
Missed abortion
Inappropriate change in quantitative human chorionic gonadotropin (hCG) in early pregnancy
Other abnormal products of conception
Abnormal product of conception, unspecified
Spontaneous abortion
Genital tract and pelvic infection following incomplete spontaneous abortion
Delayed or excessive hemorrhage following incomplete spontaneous abortion
abortion
Embolism following incomplete spontaneous abortion
Other and unspecified complications following incomplete spontaneous abortion
Unspecified complication following incomplete spontaneous abortion
Shock following incomplete spontaneous abortion
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<td>O03.32</td>
<td>Renal failure following incomplete spontaneous abortion</td>
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<td>O03.33</td>
<td>Metabolic disorder following incomplete spontaneous abortion</td>
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<td>O03.34</td>
<td>Damage to pelvic organs following incomplete spontaneous abortion</td>
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<td>O03.35</td>
<td>Other venous complications following incomplete spontaneous abortion</td>
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<td>O03.36</td>
<td>Cardiac arrest following incomplete spontaneous abortion</td>
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<td>Sepsis following incomplete spontaneous abortion</td>
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<td>Urinary tract infection following incomplete spontaneous abortion</td>
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<td>Incomplete spontaneous abortion with other complications</td>
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<td>Incomplete spontaneous abortion without complication</td>
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<td>Genital tract and pelvic infection following complete or unspecified abortion</td>
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<td>Delayed or excessive hemorrhage following complete or unspecified abortion</td>
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<td>Embolism following complete or unspecified spontaneous abortion</td>
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<td>Other and unspecified complications following complete or unspecified abortion</td>
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<td>Renal failure following complete or unspecified spontaneous abortion</td>
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<td>O03.83</td>
<td>Metabolic disorder following complete or unspecified spontaneous abortion</td>
</tr>
<tr>
<td>O03.84</td>
<td>Damage to pelvic organs following complete or unspecified spontaneous abortion</td>
</tr>
<tr>
<td>O03.85</td>
<td>Other venous complications following complete or unspecified spontaneous abortion</td>
</tr>
<tr>
<td>O03.86</td>
<td>Cardiac arrest following complete or unspecified spontaneous abortion</td>
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<tr>
<td>O03.87</td>
<td>Sepsis following complete or unspecified spontaneous abortion</td>
</tr>
<tr>
<td>O03.88</td>
<td>Urinary tract infection following complete or unspecified spontaneous abortion</td>
</tr>
<tr>
<td>O03.89</td>
<td>Complete or unspecified spontaneous abortion with other complications</td>
</tr>
<tr>
<td>O03.9</td>
<td>Complete or unspecified spontaneous abortion without complication</td>
</tr>
<tr>
<td>O04</td>
<td>Complications following (induced) termination of pregnancy</td>
</tr>
<tr>
<td>O04.5</td>
<td>Genital tract and pelvic infection following (induced) termination of pregnancy</td>
</tr>
<tr>
<td></td>
<td>Delayed or excessive hemorrhage following (induced) termination of pregnancy</td>
</tr>
<tr>
<td>O04.6</td>
<td>Embolism following (induced) termination of pregnancy</td>
</tr>
<tr>
<td>O04.7</td>
<td>(Induced) termination of pregnancy with other and unspecified complications</td>
</tr>
<tr>
<td>O04.80</td>
<td>(Induced) termination of pregnancy with unspecified complications</td>
</tr>
<tr>
<td>O04.81</td>
<td>Shock following (induced) termination of pregnancy</td>
</tr>
<tr>
<td>O04.82</td>
<td>Renal failure following (induced) termination of pregnancy</td>
</tr>
<tr>
<td>O04.83</td>
<td>Metabolic disorder following (induced) termination of pregnancy</td>
</tr>
<tr>
<td>O04.84</td>
<td>Damage to pelvic organs following (induced) termination of pregnancy</td>
</tr>
<tr>
<td>O04.85</td>
<td>Other venous complications following (induced) termination of pregnancy</td>
</tr>
</tbody>
</table>
O04.86 Cardiac arrest following (induced) termination of pregnancy
O04.87 Sepsis following (induced) termination of pregnancy
O04.88 Urinary tract infection following (induced) termination of pregnancy
O04.89 (Induced) termination of pregnancy with other complications
O07 Failed attempted termination of pregnancy
  O07.0 Genital tract and pelvic infection following failed attempted termination of pregnancy
  O07.1 Delayed or excessive hemorrhage following failed attempted termination of pregnancy
  O07.2 Embolism following failed attempted termination of pregnancy
  O07.3 Failed attempted termination of pregnancy with other and unspecified complications
  O07.30 Failed attempted termination of pregnancy with unspecified complications
  O07.31 Shock following failed attempted termination of pregnancy
  O07.32 Renal failure following failed attempted termination of pregnancy
  O07.33 Metabolic disorder following failed attempted termination of pregnancy
  O07.34 Damage to pelvic organs following failed attempted termination of pregnancy
  O07.35 Other venous complications following failed attempted termination of pregnancy
  O07.36 Cardiac arrest following failed attempted termination of pregnancy
  O07.37 Sepsis following failed attempted termination of pregnancy
  O07.38 Urinary tract infection following failed attempted termination of pregnancy
  O07.39 Failed attempted termination of pregnancy with other complications
  O07.4 Failed attempted termination of pregnancy without complication
O08 Complications following ectopic and molar pregnancy
O08.0 Genital tract and pelvic infection following ectopic and molar pregnancy
O08.1 Delayed or excessive hemorrhage following ectopic and molar pregnancy
O08.2 Embolism following ectopic and molar pregnancy
O08.3 Shock following ectopic and molar pregnancy
O08.4 Renal failure following ectopic and molar pregnancy
O08.5 Metabolic disorders following an ectopic and molar pregnancy
O08.6 Damage to pelvic organs and tissues following an ectopic and molar pregnancy
O08.7 Other venous complications following an ectopic and molar pregnancy
O08.8 Other complications following an ectopic and molar pregnancy
O08.81 Cardiac arrest following an ectopic and molar pregnancy
O08.82 Sepsis following an ectopic and molar pregnancy
O08.83 Urinary tract infection following an ectopic and molar pregnancy
O08.89 Other complications following an ectopic and molar pregnancy
O08.9 Unspecified complication following an ectopic and molar pregnancy

**ICD-10-CM diagnosis codes for Intrauterine fetal demise (IUFD)/Stillbirth**

O36.4 Maternal care for intrauterine death
Maternal care for intrauterine death, not applicable or unspecified
O36.4XX0
Maternal care for intrauterine death, fetus 1
O36.4XX1
Maternal care for intrauterine death, fetus 2
O36.4XX2
Maternal care for intrauterine death, fetus 3
O36.4XX3
Maternal care for intrauterine death, fetus 4
O36.4XX4
Maternal care for intrauterine death, fetus 5
O36.4XX5
Maternal care for intrauterine death, other fetus
O36.4XX9
Stillbirth
P95
Single stillbirth
Z37.1
 Twins, one liveborn and one stillborn
Z37.3
 Twins, both stillborn
Z37.4
 Other multiple births, all stillborn
Z37.7

ICD-10-CM diagnosis codes for Low birth weight (<1500g)

P07.0       Extremely low birth weight newborn
P07.00      Extremely low birth weight newborn, unspecified
P07.01      Extremely low birth weight newborn, less than 500 grams
P07.02      Extremely low birth weight newborn, 500-749 grams
P07.03      Extremely low birth weight newborn, 750-999 grams
P07.14      Other low birth weight newborn, 1000-1249 grams
P07.15      Other low birth weight newborn, 1250-1499 grams

ICD-10-CM diagnosis codes for Low birth weight (<2500g)

P07.0       Extremely low birth weight newborn
P07.00      Extremely low birth weight newborn, unspecified
P07.01      Extremely low birth weight newborn, less than 500 grams
P07.02      Extremely low birth weight newborn, 500-749 grams
P07.03      Extremely low birth weight newborn, 750-999 grams
P07.1       Other low birth weight newborn
P07.10      Other low birth weight newborn, unspecified weight
P07.14      Other low birth weight newborn, 1000-1249 grams
P07.15      Other low birth weight newborn, 1250-1499 grams
P07.16      Other low birth weight newborn, 1500-1749 grams
P07.17      Other low birth weight newborn, 1750-1999 grams
P07.18      Other low birth weight newborn, 2000-2499 grams
ICD-10-CM diagnosis codes for Maternal death

O95 Obstetric death of unspecified cause
  Death from any obstetric cause occurring more than 42 days but less than one year after delivery
O96 Death from direct obstetric cause occurring more than 42 days but less than one year after delivery
O96.0 Death from direct obstetric cause occurring more than 42 days but less than one year after delivery
O96.1 Death from indirect obstetric cause occurring more than 42 days but less than one year after delivery
O96.9 Death from unspecified obstetric cause occurring more than 42 days but less than one year after delivery
O97 Death from sequelae of obstetric causes
O97.0 Death from sequelae of direct obstetric cause
O97.1 Death from sequelae of indirect obstetric cause
O97.9 Death from sequelae of obstetric cause, unspecified

ICD-10-CM diagnosis codes for Acute myocardial infarction

I21 Acute myocardial infarction
I21.0 ST elevation (STEMI) myocardial infarction of anterior wall
I21.01 ST elevation (STEMI) myocardial infarction involving left main coronary artery
I21.02 ST elevation (STEMI) myocardial infarction involving left anterior descending coronary artery
I21.09 ST elevation (STEMI) myocardial infarction involving other coronary artery of anterior wall
I21.1 ST elevation (STEMI) myocardial infarction of inferior wall
I21.11 ST elevation (STEMI) myocardial infarction involving right coronary artery
I21.19 ST elevation (STEMI) myocardial infarction involving other coronary artery of inferior wall
I21.2 ST elevation (STEMI) myocardial infarction of other sites
I21.21 ST elevation (STEMI) myocardial infarction involving left circumflex coronary artery
I21.29 ST elevation (STEMI) myocardial infarction involving other sites
I21.3 ST elevation (STEMI) myocardial infarction of unspecified site
I21.4 Non-ST elevation (NSTEMI) myocardial infarction
I21.9 Acute myocardial infarction, unspecified
I21.A Other type of myocardial infarction
I21.A1 Myocardial infarction type 2
I21.A9 Other myocardial infarction type
I22 Subsequent ST elevation (STEMI) and non-ST elevation (NSTEMI) myocardial infarction
I22.0 Subsequent ST elevation (STEMI) myocardial infarction of anterior wall
I22.1  Subsequent ST elevation (STEMI) myocardial infarction of inferior wall
I22.2  Subsequent non-ST elevation (NSTEMI) myocardial infarction
I22.8  Subsequent ST elevation (STEMI) myocardial infarction of other sites
I22.9  Subsequent ST elevation (STEMI) myocardial infarction of unspecified site

**ICD-10-CM diagnosis codes for Normal spontaneous vaginal delivery (NSVD)**

O80  Encounter for full-term uncomplicated delivery

**ICD-10-CM diagnosis codes for Operative vaginal delivery (with forceps or vacuum)**

O66.5  Attempted application of vacuum extractor and forceps

**ICD-10-CM diagnosis codes for Placental Abruption**

O43811  Placental infarction, first trimester
O43812  Placental infarction, second trimester
O43813  Placental infarction, third trimester
O43819  Placental infarction, unspecified trimester

Premature separation of placenta with coagulation defect, unspecified, first trimester
Premature separation of placenta with coagulation defect, unspecified, first trimester
Premature separation of placenta with coagulation defect, unspecified, second trimester
Premature separation of placenta with coagulation defect, unspecified, second trimester
Premature separation of placenta with coagulation defect, unspecified, third trimester
Premature separation of placenta with coagulation defect, unspecified, third trimester

O45001  Premature separation of placenta with coagulation defect, unspecified, first trimester
O45001  Premature separation of placenta with coagulation defect, unspecified, first trimester
O45002  Premature separation of placenta with coagulation defect, unspecified, second trimester
O45002  Premature separation of placenta with coagulation defect, unspecified, second trimester
O45003  Premature separation of placenta with coagulation defect, unspecified, third trimester
O45003  Premature separation of placenta with coagulation defect, unspecified, third trimester

O45009  Premature separation of placenta with coagulation defect, unspecified, unspecified trimester
O45009  Premature separation of placenta with coagulation defect, unspecified, unspecified trimester
O45011  Premature separation of placenta with afibrinogenemia, first trimester
O45011  Premature separation of placenta with afibrinogenemia, first trimester
O45012  Premature separation of placenta with afibrinogenemia, second trimester
O45012  Premature separation of placenta with afibrinogenemia, second trimester
O45013  Premature separation of placenta with afibrinogenemia, third trimester
O45013  Premature separation of placenta with afibrinogenemia, third trimester

Premature separation of placenta with afibrinogenemia, unspecified trimester
Premature separation of placenta with afibrinogenemia, unspecified trimester
Premature separation of placenta with afibrinogenemia, unspecified trimester
Premature separation of placenta with afibrinogenemia, unspecified trimester
Premature separation of placenta with disseminated intravascular coagulation, first trimester

Premature separation of placenta with disseminated intravascular coagulation, first trimester

Premature separation of placenta with disseminated intravascular coagulation, second trimester

Premature separation of placenta with disseminated intravascular coagulation, second trimester

Premature separation of placenta with disseminated intravascular coagulation, third trimester

Premature separation of placenta with disseminated intravascular coagulation, third trimester

Premature separation of placenta with disseminated intravascular coagulation, unspecified trimester

Premature separation of placenta with disseminated intravascular coagulation, unspecified trimester

Premature separation of placenta with other coagulation defect, first trimester

Premature separation of placenta with other coagulation defect, first trimester

Premature separation of placenta with other coagulation defect, second trimester

Premature separation of placenta with other coagulation defect, second trimester

Premature separation of placenta with other coagulation defect, third trimester

Premature separation of placenta with other coagulation defect, third trimester

Premature separation of placenta with other coagulation defect, unspecified trimester

Premature separation of placenta with other coagulation defect, unspecified trimester

Premature separation of placenta, unspecified, unspecified trimester

Premature separation of placenta, unspecified, first trimester
O4591  Premature separation of placenta, unspecified, first trimester
O4592  Premature separation of placenta, unspecified, second trimester
O4592  Premature separation of placenta, unspecified, second trimester
O4593  Premature separation of placenta, unspecified, third trimester
O4593  Premature separation of placenta, unspecified, third trimester

ICD-10-CM diagnosis codes for Postpartum depression
F53.0  Postpartum depression
       Other mental disorders complicating the
       puererium

ICD-10-CM diagnosis codes for Postpartum hemorrhage
O44.10 Placenta previa with hemorrhage, unspecified trimester
O44.12 Placenta previa with hemorrhage, second trimester
O44.13 Placenta previa with hemorrhage, third trimester
O44.30 Partial placenta previa with hemorrhage, unspecified trimester
O44.32 Partial placenta previa with hemorrhage, second trimester
O44.33 Partial placenta previa with hemorrhage, third trimester
O44.50 Low lying placenta with hemorrhage, unspecified trimester
O44.52 Low lying placenta with hemorrhage, second trimester
O44.53 Low lying placenta with hemorrhage, third trimester
       Premature separation of placenta with coagulation defect, unspecified,
       second trimester
       Premature separation of placenta with coagulation defect, unspecified, third
       trimester
       Premature separation of placenta with coagulation defect, unspecified,
       unspecified trimester
O45.012 Premature separation of placenta with afibrinogenemia, second trimester
O45.013 Premature separation of placenta with afibrinogenemia, third trimester
       Premature separation of placenta with afibrinogenemia, unspecified
       trimester
       Premature separation of placenta with disseminated intravascular
       coagulation, second trimester
       Premature separation of placenta with disseminated intravascular
       coagulation, third trimester
       Premature separation of placenta with disseminated intravascular
       coagulation, unspecified trimester
       Premature separation of placenta with other coagulation defect, second
       trimester
       Premature separation of placenta with other coagulation defect, third
       trimester
       Premature separation of placenta with other coagulation defect, unspecified
       trimester
O45.8X2 Other premature separation of placenta, second trimester
O45.8X3 Other premature separation of placenta, third trimester
O45.8X9 Other premature separation of placenta, unspecified trimester
O45.90 Premature separation of placenta, unspecified, unspecified trimester
O45.92 Premature separation of placenta, unspecified, second trimester
O45.93 Premature separation of placenta, unspecified, third trimester
Antepartum hemorrhage with coagulation defect, unspecified, second trimester
O46.002 Antepartum hemorrhage with coagulation defect, unspecified, third trimester
Antepartum hemorrhage with coagulation defect, unspecified, unspecified trimester
O46.009 Antepartum hemorrhage with afibrinogenemia, second trimester
O46.013 Antepartum hemorrhage with afibrinogenemia, third trimester
O46.019 Antepartum hemorrhage with afibrinogenemia, unspecified trimester
Antepartum hemorrhage with disseminated intravascular coagulation, second trimester
O46.022 Antepartum hemorrhage with disseminated intravascular coagulation, third trimester
O46.023 Antepartum hemorrhage with disseminated intravascular coagulation, unspecified trimester
O46.029 Antepartum hemorrhage with other coagulation defect, unspecified trimester
O46.092 Antepartum hemorrhage with other coagulation defect, second trimester
O46.093 Antepartum hemorrhage with other coagulation defect, third trimester
O46.099 Antepartum hemorrhage with other coagulation defect, unspecified trimester
O46.8X2 Other antepartum hemorrhage, second trimester
O46.8X3 Other antepartum hemorrhage, third trimester
O46.8X9 Other antepartum hemorrhage, unspecified trimester
O46.92 Antepartum hemorrhage unspecified, second trimester
O46.93 Antepartum hemorrhage unspecified, third trimester
O46.90 Antepartum hemorrhage unspecified, unspecified trimester
O43.212 Placenta accreta, second trimester
O43.213 Placenta accreta, third trimester
O43.219 Placenta accreta, unspecified trimester
O43.222 Placenta increta, second trimester
O43.223 Placenta increta, third trimester
O43.229 Placenta increta, unspecified trimester
O43.232 Placenta percreta, second trimester
O43.233 Placenta percreta, third trimester
O43.239 Placenta percreta, unspecified trimester
O72 Postpartum hemorrhage
O72.0 Third-stage hemorrhage
O72.1 Other immediate postpartum hemorrhage
O72.2 Delayed and secondary postpartum hemorrhage
O72.3 Postpartum coagulation defects
ICD-10-CM diagnosis codes for Postpartum PTSD

Post-traumatic stress disorder
F43.1X (PTSD)

ICD-10-CM diagnosis codes for Preterm premature rupture of membranes

Premature rupture of membranes, onset of labor within 24 hours of rupture, unspecified weeks of gestation
O4200

Preterm premature rupture of membranes, onset of labor within 24 hours of rupture, first trimester
O42011

Preterm premature rupture of membranes, onset of labor within 24 hours of rupture, second trimester
O42012

Preterm premature rupture of membranes, onset of labor within 24 hours of rupture, third trimester
O42013

Preterm premature rupture of membranes, onset of labor within 24 hours of rupture, unspecified trimester
O42019

Premature rupture of membranes, onset of labor more than 24 hours following rupture, first trimester
O42111

Premature rupture of membranes, onset of labor more than 24 hours following rupture, second trimester
O42112

Premature rupture of membranes, onset of labor more than 24 hours following rupture, third trimester
O42113

Premature rupture of membranes, onset of labor more than 24 hours following rupture, unspecified trimester
O42119

Premature rupture of membranes, unspecified as to length of time between rupture and onset of labor, unspecified weeks of gestation
O4290

Premature rupture of membranes, unspecified as to length of time between rupture and onset of labor, first trimester
O42911

Premature rupture of membranes, unspecified as to length of time between rupture and onset of labor, second trimester
O42912

Premature rupture of membranes, unspecified as to length of time between rupture and onset of labor, third trimester
O42913

Premature rupture of membranes, unspecified as to length of time between rupture and onset of labor, unspecified trimester
O42919

ICD-10-CM diagnosis codes for Preterm birth (<37 weeks gestational age)

Extreme immaturity of newborn
P07.2

Extreme immaturity of newborn, unspecified weeks of gestation
P07.20

Extreme immaturity of newborn, gestational age less than 23 completed weeks
P07.21

Extreme immaturity of newborn, gestational age 23 completed weeks
P07.22

Extreme immaturity of newborn, gestational age 24 completed weeks
P07.23

Extreme immaturity of newborn, gestational age 25 completed weeks
P07.24
P07.25 Extreme immaturity of newborn, gestational age 26 completed weeks
P07.26 Extreme immaturity of newborn, gestational age 27 completed weeks
P07.3 Preterm [premature] newborn [other]
P07.30 Preterm newborn, unspecified weeks of gestation
P07.31 Preterm newborn, gestational age 28 completed weeks
P07.32 Preterm newborn, gestational age 29 completed weeks
P07.33 Preterm newborn, gestational age 30 completed weeks
P07.34 Preterm newborn, gestational age 31 completed weeks
P07.35 Preterm newborn, gestational age 32 completed weeks
P07.36 Preterm newborn, gestational age 33 completed weeks
P07.37 Preterm newborn, gestational age 34 completed weeks
P07.38 Preterm newborn, gestational age 35 completed weeks
P07.39 Preterm newborn, gestational age 36 completed weeks

ICD-10-CM diagnosis codes for Preexisting Hypertension (prior to pregnancy)
I10 Essential (primary) hypertension
I11.9 Hypertensive heart disease without heart failure
Hypertensive chronic kidney disease with stage 1 through stage 4 chronic kidney disease
I12.9 Hypertensive heart and chronic kidney disease without heart failure, with stage 1 through stage 4 chronic kidney disease, or unspecified chronic kidney disease
I13.10 Hypertensive heart and chronic kidney disease without heart failure, with stage 1 through stage 4 chronic kidney disease, or unspecified chronic kidney disease
I16 Hypertensive crisis
I16.0 Hypertensive urgency
I16.1 Hypertensive emergency
I16.9 Hypertensive crisis, unspecified

ICD-10-CM diagnosis codes for Puerperal cerebrovascular disorders
A81.2 Progressive multifocal leukoencephalopathy
G45 Transient cerebral ischemic attacks and related syndromes
G45.0 Vertebro-basilar artery syndrome
G45.1 Carotid artery syndrome (hemispheric)
G45.2 Multiple and bilateral precerebral artery syndromes
G45.3 Amaurosis fugax
G45.4 Transient global amnesia
G45.8 Other transient cerebral ischemic attacks and related syndromes
G45.9 Transient cerebral ischemic attack, unspecified
G46 Vascular syndromes of brain in cerebrovascular diseases
G46.0 Middle cerebral artery syndrome
G46.1 Anterior cerebral artery syndrome
G46.2 Posterior cerebral artery syndrome
G46.3 Brain stem stroke syndrome
G46.4 Cerebellar stroke syndrome
G46.5  Pure motor lacunar syndrome
G46.6  Pure sensory lacunar syndrome
G46.7  Other lacunar syndromes
G46.8  Other vascular syndromes of brain in cerebrovascular diseases
G93.49 Other encephalopathy
H34.0  Transient retinal artery occlusion
H34.00 Transient retinal artery occlusion, unspecified eye
H34.01 Transient retinal artery occlusion, right eye
H34.02 Transient retinal artery occlusion, left eye
H34.03 Transient retinal artery occlusion, bilateral
I60  Nontraumatic subarachnoid hemorrhage
I60.0 Nontraumatic subarachnoid hemorrhage from carotid siphon and bifurcation
I60.00 Nontraumatic subarachnoid hemorrhage from unspecified carotid siphon and bifurcation
I60.01 Nontraumatic subarachnoid hemorrhage from right carotid siphon and bifurcation
I60.02 Nontraumatic subarachnoid hemorrhage from left carotid siphon and bifurcation
I60.1 Nontraumatic subarachnoid hemorrhage from middle cerebral artery
I60.10 Nontraumatic subarachnoid hemorrhage from unspecified middle cerebral artery
I60.11 Nontraumatic subarachnoid hemorrhage from right middle cerebral artery
I60.12 Nontraumatic subarachnoid hemorrhage from left middle cerebral artery
I60.2 Nontraumatic subarachnoid hemorrhage from anterior communicating artery
I60.3 Nontraumatic subarachnoid hemorrhage from posterior communicating artery
I60.30 Nontraumatic subarachnoid hemorrhage from unspecified posterior communicating artery
I60.31 Nontraumatic subarachnoid hemorrhage from right posterior communicating artery
I60.32 Nontraumatic subarachnoid hemorrhage from left posterior communicating artery
I60.4 Nontraumatic subarachnoid hemorrhage from basilar artery
I60.5 Nontraumatic subarachnoid hemorrhage from vertebral artery
I60.50 Nontraumatic subarachnoid hemorrhage from unspecified vertebral artery
I60.51 Nontraumatic subarachnoid hemorrhage from right vertebral artery
I60.52 Nontraumatic subarachnoid hemorrhage from left vertebral artery
I60.6 Nontraumatic subarachnoid hemorrhage from other intracranial arteries
I60.7 Nontraumatic subarachnoid hemorrhage from unspecified intracranial artery
I60.8 Other nontraumatic subarachnoid hemorrhage
I60.9 Nontraumatic subarachnoid hemorrhage, unspecified
I61 Nontraumatic intracerebral hemorrhage
I61.0 Nontraumatic intracerebral hemorrhage in hemisphere, subcortical
I61.1 Nontraumatic intracerebral hemorrhage in hemisphere, cortical
I61.2 Nontraumatic intracerebral hemorrhage in hemisphere, unspecified
I61.3 Nontraumatic intracerebral hemorrhage in brain stem
I61.4 Nontraumatic intracerebral hemorrhage in cerebellum
I61.5 Nontraumatic intracerebral hemorrhage, intraventricular
I61.6 Nontraumatic intracerebral hemorrhage, multiple localized
I61.8 Other nontraumatic intracerebral hemorrhage
I61.9 Nontraumatic intracerebral hemorrhage, unspecified
I62 Other and unspecified nontraumatic intracranial hemorrhage
I62.0 Nontraumatic subdural hemorrhage
I62.00 Nontraumatic subdural hemorrhage, unspecified
I62.01 Nontraumatic acute subdural hemorrhage
I62.02 Nontraumatic subacute subdural hemorrhage
I62.03 Nontraumatic chronic subdural hemorrhage
I62.1 Nontraumatic extradural hemorrhage
I62.9 Nontraumatic intracranial hemorrhage, unspecified
I63 Cerebral infarction
I63.0 Cerebral infarction due to thrombosis of precerebral arteries
I63.00 Cerebral infarction due to thrombosis of unspecified precerebral artery
I63.01 Cerebral infarction due to thrombosis of vertebral artery
I63.011 Cerebral infarction due to thrombosis of right vertebral artery
I63.012 Cerebral infarction due to thrombosis of left vertebral artery
I63.013 Cerebral infarction due to thrombosis of bilateral vertebral arteries
I63.019 Cerebral infarction due to thrombosis of unspecified vertebral artery
I63.02 Cerebral infarction due to thrombosis of basilar artery
I63.03 Cerebral infarction due to thrombosis of carotid artery
I63.031 Cerebral infarction due to thrombosis of right carotid artery
I63.032 Cerebral infarction due to thrombosis of left carotid artery
I63.033 Cerebral infarction due to thrombosis of bilateral carotid arteries
I63.09 Cerebral infarction due to thrombosis of other precerebral artery
I63.0 Cerebral infarction due to embolism of precerebral arteries
I63.10 Cerebral infarction due to embolism of unspecified precerebral artery
I63.1 Cerebral infarction due to embolism of vertebral artery
I63.11 Cerebral infarction due to embolism of right vertebral artery
I63.12 Cerebral infarction due to embolism of left vertebral artery
I63.13 Cerebral infarction due to embolism of basilar artery
I63.131 Cerebral infarction due to embolism of right carotid artery
I63.132 Cerebral infarction due to embolism of left carotid artery
I63.133 Cerebral infarction due to embolism of bilateral carotid arteries
I63.139 Cerebral infarction due to embolism of unspecified carotid artery
I63.19  Cerebral infarction due to embolism of other precerebral artery
    Cerebral infarction due to unspecified occlusion or stenosis of precerebral arteries
I63.2  Cerebral infarction due to unspecified occlusion or stenosis of unspecified precerebral arteries
I63.20  Cerebral infarction due to unspecified occlusion or stenosis of vertebral arteries
I63.21  Cerebral infarction due to unspecified occlusion or stenosis of right vertebral artery
I63.211 Cerebral infarction due to unspecified occlusion or stenosis of left vertebral artery
I63.212 Cerebral infarction due to unspecified occlusion or stenosis of bilateral vertebral arteries
I63.219 Cerebral infarction due to unspecified occlusion or stenosis of unspecified vertebral arteries
I63.22  Cerebral infarction due to unspecified occlusion or stenosis of basilar artery
I63.23  Cerebral infarction due to unspecified occlusion or stenosis of carotid arteries
I63.231 Cerebral infarction due to unspecified occlusion or stenosis of right carotid arteries
I63.232 Cerebral infarction due to unspecified occlusion or stenosis of left carotid arteries
I63.233 Cerebral infarction due to unspecified occlusion or stenosis of bilateral carotid arteries
I63.239 Cerebral infarction due to unspecified occlusion or stenosis of unspecified carotid arteries
I63.29  Cerebral infarction due to unspecified occlusion or stenosis of other precerebral arteries
I63.3  Cerebral infarction due to thrombosis of cerebral arteries
I63.30  Cerebral infarction due to thrombosis of unspecified cerebral artery
I63.31  Cerebral infarction due to thrombosis of middle cerebral artery
I63.311 Cerebral infarction due to thrombosis of right middle cerebral artery
I63.312 Cerebral infarction due to thrombosis of left middle cerebral artery
I63.313 Cerebral infarction due to thrombosis of bilateral middle cerebral arteries
I63.319 Cerebral infarction due to thrombosis of unspecified middle cerebral artery
I63.32  Cerebral infarction due to thrombosis of anterior cerebral artery
I63.321 Cerebral infarction due to thrombosis of right anterior cerebral artery
I63.322 Cerebral infarction due to thrombosis of left anterior cerebral artery
I63.323 Cerebral infarction due to thrombosis of bilateral anterior cerebral arteries
I63.329 Cerebral infarction due to thrombosis of unspecified anterior cerebral artery
I63.33  Cerebral infarction due to thrombosis of posterior cerebral artery
I63.331 Cerebral infarction due to thrombosis of right posterior cerebral artery
I63.332 Cerebral infarction due to thrombosis of left posterior cerebral artery
I63.333 Cerebral infarction to thrombosis of bilateral posterior cerebral arteries
I63.339  Cerebral infarction due to thrombosis of unspecified posterior cerebral artery
I63.34  Cerebral infarction due to thrombosis of cerebellar artery
I63.341  Cerebral infarction due to thrombosis of right cerebellar artery
I63.342  Cerebral infarction due to thrombosis of left cerebellar artery
I63.343  Cerebral infarction to thrombosis of bilateral cerebellar arteries
I63.349  Cerebral infarction due to thrombosis of unspecified cerebellar artery
I63.39  Cerebral infarction due to thrombosis of other cerebral artery
I63.4  Cerebral infarction due to embolism of cerebral arteries
I63.40  Cerebral infarction due to embolism of unspecified cerebral artery
I63.41  Cerebral infarction due to embolism of middle cerebral artery
I63.411  Cerebral infarction due to embolism of right middle cerebral artery
I63.412  Cerebral infarction due to embolism of left middle cerebral artery
I63.413  Cerebral infarction due to embolism of bilateral middle cerebral arteries
I63.419  Cerebral infarction due to embolism of unspecified middle cerebral artery
I63.42  Cerebral infarction due to embolism of anterior cerebral artery
I63.421  Cerebral infarction due to embolism of right anterior cerebral artery
I63.422  Cerebral infarction due to embolism of left anterior cerebral artery
I63.423  Cerebral infarction due to embolism of bilateral anterior cerebral arteries
I63.429  Cerebral infarction due to embolism of unspecified anterior cerebral artery
I63.43  Cerebral infarction due to embolism of posterior cerebral artery
I63.431  Cerebral infarction due to embolism of right posterior cerebral artery
I63.432  Cerebral infarction due to embolism of left posterior cerebral artery
I63.433  Cerebral infarction due to embolism of bilateral posterior cerebral arteries
I63.439  Cerebral infarction due to embolism of unspecified posterior cerebral artery
I63.44  Cerebral infarction due to embolism of cerebellar artery
I63.441  Cerebral infarction due to embolism of right cerebellar artery
I63.442  Cerebral infarction due to embolism of left cerebellar artery
I63.443  Cerebral infarction due to embolism of bilateral cerebellar arteries
I63.449  Cerebral infarction due to embolism of unspecified cerebellar artery
I63.49  Cerebral infarction due to unspecified occlusion or stenosis of cerebral arteries
Cerebral infarction due to unspecified occlusion or stenosis of unspecified cerebral artery
I63.50  Cerebral infarction due to unspecified occlusion or stenosis of middle cerebral artery
I63.51  Cerebral infarction due to unspecified occlusion or stenosis of right middle cerebral artery
I63.511  Cerebral infarction due to unspecified occlusion or stenosis of left middle cerebral artery
I63.512  Cerebral infarction due to unspecified occlusion or stenosis of bilateral middle cerebral arteries
I63.513  Cerebral infarction due to unspecified occlusion or stenosis of unspecified middle cerebral artery
Cerebral infarction due to unspecified occlusion or stenosis of anterior cerebral artery

I63.52
Cerebral infarction due to unspecified occlusion or stenosis of right anterior cerebral artery

I63.521
Cerebral infarction due to unspecified occlusion or stenosis of left anterior cerebral artery

I63.522
Cerebral infarction due to unspecified occlusion or stenosis of bilateral anterior cerebral arteries

I63.523
Cerebral infarction due to unspecified occlusion or stenosis of unspecified anterior cerebral artery

I63.529
Cerebral infarction due to unspecified occlusion or stenosis of posterior cerebral artery

I63.53
Cerebral infarction due to unspecified occlusion or stenosis of right posterior cerebral artery

I63.531
Cerebral infarction due to unspecified occlusion or stenosis of left posterior cerebral artery

I63.532
Cerebral infarction due to unspecified occlusion or stenosis of bilateral posterior cerebral arteries

I63.533
Cerebral infarction due to unspecified occlusion or stenosis of unspecified posterior cerebral artery

I63.539
Cerebral infarction due to unspecified occlusion or stenosis of cerebellar artery

I63.54
Cerebral infarction due to unspecified occlusion or stenosis of right cerebellar artery

I63.541
Cerebral infarction due to unspecified occlusion or stenosis of left cerebellar artery

I63.542
Cerebral infarction due to unspecified occlusion or stenosis of bilateral cerebellar arteries

I63.543
Cerebral infarction due to unspecified occlusion or stenosis of unspecified cerebellar artery

I63.549
Cerebral infarction due to unspecified occlusion or stenosis of other cerebral artery

I63.6
Cerebral infarction due to cerebral venous thrombosis, nonpyogenic

I63.8
Other cerebral infarction

I63.81
Other cerebral infarction due to occlusion or stenosis of small artery

I63.89
Other cerebral infarction

I63.9
Cerebral infarction, unspecified

Occlusion and stenosis of precerebral arteries, not resulting in cerebral infarction

I65
Occlusion and stenosis of vertebral artery

I65.0
Occlusion and stenosis of right vertebral artery

I65.01
Occlusion and stenosis of left vertebral artery

I65.03
Occlusion and stenosis of bilateral vertebral arteries

I65.09
Occlusion and stenosis of unspecified vertebral artery
I65.1  Occlusion and stenosis of basilar artery
I65.2  Occlusion and stenosis of carotid artery
I65.21 Occlusion and stenosis of right carotid artery
I65.22 Occlusion and stenosis of left carotid artery
I65.23 Occlusion and stenosis of bilateral carotid arteries
I65.29 Occlusion and stenosis of unspecified carotid artery
I65.8  Occlusion and stenosis of other precerebral arteries
I65.9  Occlusion and stenosis of unspecified precerebral artery
I66   Occlusion and stenosis of cerebral arteries, not resulting in cerebral infarction
I66.0  Occlusion and stenosis of middle cerebral artery
I66.01 Occlusion and stenosis of right middle cerebral artery
I66.02 Occlusion and stenosis of left middle cerebral artery
I66.03 Occlusion and stenosis of bilateral middle cerebral arteries
I66.09 Occlusion and stenosis of unspecified middle cerebral artery
I66.1  Occlusion and stenosis of anterior cerebral artery
I66.11 Occlusion and stenosis of right anterior cerebral artery
I66.12 Occlusion and stenosis of left anterior cerebral artery
I66.13 Occlusion and stenosis of bilateral anterior cerebral arteries
I66.19 Occlusion and stenosis of unspecified anterior cerebral artery
I66.2  Occlusion and stenosis of posterior cerebral artery
I66.21 Occlusion and stenosis of right posterior cerebral artery
I66.22 Occlusion and stenosis of left posterior cerebral artery
I66.23 Occlusion and stenosis of bilateral posterior cerebral arteries
I66.29 Occlusion and stenosis of unspecified posterior cerebral artery
I66.3  Occlusion and stenosis of cerebellar arteries
I66.8  Occlusion and stenosis of other cerebral arteries
I66.9  Occlusion and stenosis of unspecified cerebral artery
I67   Other cerebrovascular diseases
I67.0  Dissection of cerebral arteries, nonruptured
I67.1  Cerebral aneurysm, nonruptured
I67.2  Cerebral atherosclerosis
I67.3  Progressive vascular leukoencephalopathy
I67.4  Hypertensive encephalopathy
I67.5  Moyamoya disease
I67.6  Nonpyogenic thrombosis of intracranial venous system
I67.7  Cerebral arteritis, not elsewhere classified
I67.8  Other specified cerebrovascular diseases
I67.81 Acute cerebrovascular insufficiency
I67.82 Cerebral ischemia
I67.83 Posterior reversible encephalopathy syndrome
I67.84 Cerebral vasospasm and vasoconstriction
I67.841 Reversible cerebrovascular vasoconstriction syndrome
I67.848 Other cerebrovascular vasospasm and vasoconstriction
I67.85 Hereditary cerebrovascular diseases
  Cerebral autosomal dominant arteriopathy with subcortical infarcts and leukoencephalopathy
I67.850 Other hereditary cerebrovascular disease
I67.858 Other hereditary cerebrovascular disease
I67.89 Other cerebrovascular disease
I67.9 Cerebrovascular disease, unspecified
I68 Cerebrovascular disorders in diseases classified elsewhere
I68.0 Cerebral amyloid angiopathy
I68.2 Cerebral arteritis in other diseases classified elsewhere
I68.8 Other cerebrovascular disorders in diseases classified elsewhere
O22.50 Cerebral venous thrombosis in pregnancy, unspecified trimester
O22.52 Cerebral venous thrombosis in pregnancy, second trimester
O22.53 Cerebral venous thrombosis in pregnancy, third trimester
I97.81 Intraoperative cerebrovascular infarction
I97.810 Intraoperative cerebrovascular infarction during cardiac surgery
I97.811 Intraoperative cerebrovascular infarction during other surgery
I97.82 Postprocedural cerebrovascular infarction
I97.820 Postprocedural cerebrovascular infarction following cardiac surgery
I97.821 Postprocedural cerebrovascular infarction following other surgery
O87.3 Cerebral venous thrombosis in the puerperium

ICD-10-CM diagnosis codes for Pulmonary edema / Acute heart failure
  J81.0 Acute pulmonary edema
  I50.1 Left ventricular failure
  I50.20 Unspecified systolic (congestive) heart failure
  I50.21 Acute systolic (congestive) heart failure
  I50.23 Acute on chronic systolic (congestive) heart failure
  I50.30 Unspecified diastolic (congestive) heart failure
  I50.31 Acute diastolic (congestive) heart failure
  I50.33 Acute on chronic diastolic (congestive) heart failure
  I50.40 Unspecified combined systolic (congestive) and diastolic (congestive) heart failure
  I50.41 Acute combined systolic (congestive) and diastolic (congestive) heart failure
  I50.43 Acute on chronic combined systolic (congestive) and diastolic (congestive) heart failure
  I50.810 Right heart failure, unspecified
  I50.811 Acute right heart failure
  I50.813 Acute on chronic right heart failure
  I50.814 Right heart failure due to left heart failure
  I50.82 Biventricular heart failure
  I50.83 High output heart failure
  I50.84 End stage heart failure
  I50.89 Other heart failure
I50.9  Heart failure, unspecified

**ICD-10-CM diagnosis AND procedure codes for C-section delivery**

- Onset (spontaneous) of labor after 37 completed weeks of gestation but before 39 completed weeks gestation, with delivery by (planned) cesarean section
- O75.82 Onset (spontaneous) of labor after 37 completed weeks of gestation but before 39 completed weeks gestation, with delivery by (planned) cesarean section
- O82 Encounter for cesarean delivery without indication
- 10D00Z0 Extraction of products of conception, high, open approach
- 10D00Z1 Extraction of products of conception, low, open approach
- 10D00Z2 Extraction of products of conception, extraperitoneal, open approach
- Routine obstetric care including antepartum care, cesarean delivery, and postpartum care
- 59510 Cesarean delivery only
- 59514 Cesarean delivery only; including postpartum care
- Routine obstetric care including antepartum care, cesarean delivery, and postpartum care, following attempted vaginal delivery after previous cesarean delivery
- 59618 Cesarean delivery only, following attempted vaginal delivery after previous cesarean delivery
- 59620 Cesarean delivery only, following attempted vaginal delivery after previous cesarean delivery; including postpartum care

**ICD-10-CM diagnosis AND procedure codes for Delivery**

- Z37 Outcome of delivery
- Z37.0 Single live birth
- Z37.1 Single stillbirth
- Z37.2 Twins, both liveborn
- Z37.3 Twins, one liveborn and one stillborn
- Z37.4 Twins, both stillborn
- Z37.5 Other multiple births, all liveborn
- Z37.50 Multiple births, unspecified, all liveborn
- Z37.51 Triplets, all liveborn
- Z37.52 Quadruplets, all liveborn
- Z37.53 Quintuplets, all liveborn
- Z37.54 Sextuplets, all liveborn
- Z37.59 Other multiple births, all liveborn
- Z37.6 Other multiple births, some liveborn
- Z37.60 Multiple births, unspecified, some liveborn
- Z37.61 Triplets, some liveborn
- Z37.62 Quadruplets, some liveborn
- Z37.63 Quintuplets, some liveborn
- Z37.64 Sextuplets, some liveborn
- Z37.69 Other multiple births, some liveborn
Z37.7  Other multiple births, all stillborn
Z37.9  Outcome of delivery, unspecified
O60.1  Preterm labor with preterm delivery
O60.10 Preterm labor with preterm delivery, unspecified trimester
O60.10X Preterm labor with preterm delivery, unspecified trimester, not applicable or unspecified
1 O60.10X Preterm labor with preterm delivery, unspecified trimester, fetus 1
2 O60.10X Preterm labor with preterm delivery, unspecified trimester, fetus 2
3 O60.10X Preterm labor with preterm delivery, unspecified trimester, fetus 3
4 O60.10X Preterm labor with preterm delivery, unspecified trimester, fetus 4
5 O60.10X Preterm labor with preterm delivery, unspecified trimester, fetus 5
9 O60.10X Preterm labor with preterm delivery, unspecified trimester, other fetus
O60.12 Preterm labor second trimester with preterm delivery second trimester
O60.12X Preterm labor second trimester with preterm delivery second trimester, not applicable or unspecified
0 O60.12X Preterm labor second trimester with preterm delivery second trimester, fetus 1
1 O60.12X Preterm labor second trimester with preterm delivery second trimester, fetus 2
2 O60.12X Preterm labor second trimester with preterm delivery second trimester, fetus 3
3 O60.12X Preterm labor second trimester with preterm delivery second trimester, fetus 4
4 O60.12X Preterm labor second trimester with preterm delivery second trimester, fetus 5
5 O60.12X Preterm labor second trimester with preterm delivery second trimester, other fetus
9 O60.13 Preterm labor second trimester with preterm delivery third trimester
O60.13X Preterm labor second trimester with preterm delivery third trimester, not applicable or unspecified
0 O60.13X Preterm labor second trimester with preterm delivery third trimester, fetus 1
1 O60.13X Preterm labor second trimester with preterm delivery third trimester, fetus 2
2 O60.13X Preterm labor second trimester with preterm delivery third trimester, fetus 3
O60.13X
4  Preterm labor second trimester with preterm delivery third trimester, fetus 4
O60.13X
5  Preterm labor second trimester with preterm delivery third trimester, fetus 5
O60.13X
9  Preterm labor second trimester with preterm delivery third trimester, other fetus
O60.14  Preterm labor third trimester with preterm delivery third trimester
O60.14X
0  Preterm labor third trimester with preterm delivery third trimester, not applicable or unspecified
O60.14X
1  Preterm labor third trimester with preterm delivery third trimester, fetus 1
O60.14X
2  Preterm labor third trimester with preterm delivery third trimester, fetus 2
O60.14X
3  Preterm labor third trimester with preterm delivery third trimester, fetus 3
O60.14X
4  Preterm labor third trimester with preterm delivery third trimester, fetus 4
O60.14X
5  Preterm labor third trimester with preterm delivery third trimester, fetus 5
O60.14X
9  Preterm labor third trimester with preterm delivery third trimester, other fetus
O60.2  Term delivery with preterm labor
O60.20  Term delivery with preterm labor, unspecified trimester
O60.20X  Term delivery with preterm labor, unspecified trimester, not applicable or unspecified
O60.20X
1  Term delivery with preterm labor, unspecified trimester, fetus 1
O60.20X
2  Term delivery with preterm labor, unspecified trimester, fetus 2
O60.20X
3  Term delivery with preterm labor, unspecified trimester, fetus 3
O60.20X
4  Term delivery with preterm labor, unspecified trimester, fetus 4
O60.20X
5  Term delivery with preterm labor, unspecified trimester, fetus 5
O60.20X
9  Term delivery with preterm labor, unspecified trimester, other fetus
O60.22  Term delivery with preterm labor, second trimester
O60.22X  Term delivery with preterm labor, second trimester, not applicable or unspecified
O60.22X
1  Term delivery with preterm labor, second trimester, fetus 1
O60.22X  2  Term delivery with preterm labor, second trimester, fetus 2
O60.22X  3  Term delivery with preterm labor, second trimester, fetus 3
O60.22X  4  Term delivery with preterm labor, second trimester, fetus 4
O60.22X  5  Term delivery with preterm labor, second trimester, fetus 5
O60.22X  9  Term delivery with preterm labor, second trimester, other fetus

O60.23  Term delivery with preterm labor, third trimester
O60.23X Term delivery with preterm labor, third trimester, not applicable or unspecified

O60.23X  1  Term delivery with preterm labor, third trimester, fetus 1
O60.23X  2  Term delivery with preterm labor, third trimester, fetus 2
O60.23X  3  Term delivery with preterm labor, third trimester, fetus 3
O60.23X  4  Term delivery with preterm labor, third trimester, fetus 4
O60.23X  5  Term delivery with preterm labor, third trimester, fetus 5
O60.23X  9  Term delivery with preterm labor, third trimester, other fetus

O66.5  Attempted application of vacuum extractor and forceps

O75.82 Onset (spontaneous) of labor after 37 completed weeks of gestation but before 39 completed weeks gestation, with delivery by (planned) cesarean section

O80  Encounter for full-term uncomplicated delivery
O82  Encounter for cesarean delivery without indication

10D00Z0 Extraction of products of conception, high, open approach
10D00Z1 Extraction of products of conception, low, open approach
10D00Z2 Extraction of products of conception, extraperitoneal, open approach

10D07Z3 Extraction of products of conception, low forceps, via natural or artificial opening
10D07Z4 Extraction of products of conception, mid forceps, via natural or artificial opening
10D07Z5 Extraction of products of conception, high forceps, via natural or artificial opening
10D07Z6 Extraction of products of conception, vacuum, via natural or artificial opening
10D07Z7 Extraction of products of conception, internal version, via natural or artificial opening
Extraction of products of conception, other, via natural or artificial opening
Delivery of products of conception, external approach
Vaginal delivery only (with or without episiotomy and/or forceps)
Vaginal delivery only, after previous cesarean delivery (with or without episiotomy and/or forceps)
Cesarean delivery only, following attempted vaginal delivery after previous cesarean delivery

ICD-10-CM diagnosis AND procedure codes for Interruption of Pregnancy

O00 Ectopic pregnancy
O00.0 Abdominal pregnancy
O00.00 Abdominal pregnancy without intrauterine pregnancy
O00.01 Abdominal pregnancy with intrauterine pregnancy
O00.1 Tubal pregnancy
O00.10 Tubal pregnancy without intrauterine pregnancy
O00.101 Right tubal pregnancy without intrauterine pregnancy
O00.102 Left tubal pregnancy without intrauterine pregnancy
O00.109 Unspecified tubal pregnancy without intrauterine pregnancy
O00.11 Tubal pregnancy with intrauterine pregnancy
O00.111 Right tubal pregnancy with intrauterine pregnancy
O00.112 Left tubal pregnancy with intrauterine pregnancy
O00.119 Unspecified tubal pregnancy with intrauterine pregnancy
O00.2 Ovarian pregnancy
O00.20 Ovarian pregnancy without intrauterine pregnancy
O00.201 Right ovarian pregnancy without intrauterine pregnancy
O00.202 Left ovarian pregnancy without intrauterine pregnancy
O00.209 Unspecified ovarian pregnancy without intrauterine pregnancy
O00.21 Ovarian pregnancy with intrauterine pregnancy
O00.211 Right ovarian pregnancy with intrauterine pregnancy
O00.212 Left ovarian pregnancy with intrauterine pregnancy
O00.219 Unspecified ovarian pregnancy with intrauterine pregnancy
O00.8 Other ectopic pregnancy
O00.80 Other ectopic pregnancy without intrauterine pregnancy
O00.81 Other ectopic pregnancy with intrauterine pregnancy
O00.9 Ectopic pregnancy, unspecified
O00.90 Unspecified ectopic pregnancy without intrauterine pregnancy
O00.91 Unspecified ectopic pregnancy with intrauterine pregnancy
O01 Hydatidiform mole
O01.0 Classical hydatidiform mole
O01.1 Incomplete and partial hydatidiform mole
O01.9 Hydatidiform mole, unspecified
O02 Other abnormal products of conception
O02.0 Blighted ovum and nonhydatidiform mole
O02.1 Missed abortion
O02.8 Other specified abnormal products of conception
   Inappropriate change in quantitative human chorionic gonadotropin (hCG) in
   early pregnancy
O02.89 Other abnormal products of conception
O02.9 Abnormal product of conception, unspecified
O03 Spontaneous abortion
O03.0 Genital tract and pelvic infection following incomplete spontaneous abortion
   Delayed or excessive hemorrhage following incomplete spontaneous abortion
O03.1 Embolism following incomplete spontaneous abortion
O03.2 Other and unspecified complications following incomplete spontaneous abortion
O03.3 Unspecified complication following incomplete spontaneous abortion
O03.31 Shock following incomplete spontaneous abortion
O03.32 Renal failure following incomplete spontaneous abortion
O03.33 Metabolic disorder following incomplete spontaneous abortion
O03.34 Damage to pelvic organs following incomplete spontaneous abortion
O03.35 Other venous complications following incomplete spontaneous abortion
O03.36 Cardiac arrest following incomplete spontaneous abortion
O03.37 Sepsis following incomplete spontaneous abortion
O03.38 Urinary tract infection following incomplete spontaneous abortion
O03.39 Incomplete spontaneous abortion with other complications
O03.4 Incomplete spontaneous abortion without complication
O03.5 Genital tract and pelvic infection following complete or unspecified spontaneous
   abortion
O03.6 Delayed or excessive hemorrhage following complete or unspecified spontaneous
   abortion
O03.7 Embolism following complete or unspecified spontaneous abortion
O03.8 Other and unspecified complications following complete or unspecified spontaneous
   abortion
O03.9 Unspecified complication following complete or unspecified spontaneous abortion
O03.81 Shock following complete or unspecified spontaneous abortion
O03.82 Renal failure following complete or unspecified spontaneous abortion
O03.83 Metabolic disorder following complete or unspecified spontaneous abortion
O03.84 Damage to pelvic organs following complete or unspecified spontaneous abortion
O03.85 Other venous complications following complete or unspecified spontaneous abortion
O03.86 Cardiac arrest following complete or unspecified spontaneous abortion
O03.87 Sepsis following complete or unspecified spontaneous abortion
Urinary tract infection following complete or unspecified spontaneous abortion
O03.88

Complete or unspecified spontaneous abortion with other complications
O03.89

Complete or unspecified spontaneous abortion without complication
O03.9

Complications following (induced) termination of pregnancy
O04

Genital tract and pelvic infection following (induced) termination of pregnancy
O04.5

Delayed or excessive hemorrhage following (induced) termination of pregnancy
O04.6

Embolism following (induced) termination of pregnancy
O04.7

(Induced) termination of pregnancy with other and unspecified complications
O04.80

(Induced) termination of pregnancy with unspecified complications
O04.80

Shock following (induced) termination of pregnancy
O04.81

Renal failure following (induced) termination of pregnancy
O04.82

Metabolic disorder following (induced) termination of pregnancy
O04.83

Damage to pelvic organs following (induced) termination of pregnancy
O04.84

Other venous complications following (induced) termination of pregnancy
O04.86

Cardiac arrest following (induced) termination of pregnancy
O04.87

Urinary tract infection following (induced) termination of pregnancy
O04.88

(Induced) termination of pregnancy with other complications
O04.89

Failed attempted termination of pregnancy
O07

Genital tract and pelvic infection following failed attempted termination of pregnancy
O07.0

Delayed or excessive hemorrhage following failed attempted termination of pregnancy
O07.1

Embolism following failed attempted termination of pregnancy
O07.2

Failed attempted termination of pregnancy with other and unspecified complications
O07.3

Failed attempted termination of pregnancy with unspecified complications
O07.30

Shock following failed attempted termination of pregnancy
O07.31

Renal failure following failed attempted termination of pregnancy
O07.32

Metabolic disorder following failed attempted termination of pregnancy
O07.33

Damage to pelvic organs following failed attempted termination of pregnancy
O07.34

Other venous complications following failed attempted termination of pregnancy
O07.35

Cardiac arrest following failed attempted termination of pregnancy
O07.36

Sepsis following failed attempted termination of pregnancy
O07.37

Urinary tract infection following failed attempted termination of pregnancy
O07.38

Failed attempted termination of pregnancy with other complications
O07.39

Failed attempted termination of pregnancy without complication
O07.4

Complications following ectopic and molar pregnancy
O08

Genital tract and pelvic infection following ectopic and molar pregnancy
O08.0

Delayed or excessive hemorrhage following ectopic and molar pregnancy
O08.1
Embolism following ectopic and molar pregnancy
Shock following ectopic and molar pregnancy
Renal failure following ectopic and molar pregnancy
Metabolic disorders following an ectopic and molar pregnancy
Damage to pelvic organs and tissues following an ectopic and molar pregnancy
Other venous complications following an ectopic and molar pregnancy
Other complications following an ectopic and molar pregnancy
Cardiac arrest following an ectopic and molar pregnancy
Sepsis following ectopic and molar pregnancy
Urinary tract infection following an ectopic and molar pregnancy
Other complications following an ectopic and molar pregnancy
Unspecified complication following an ectopic and molar pregnancy
Abortion of products of conception, open approach
Abortion of products of conception, percutaneous approach
Abortion of products of conception, percutaneous endoscopic approach
Abortion of products of conception, vacuum, via natural or artificial opening
Abortion of products of conception, laminaria, via natural or artificial opening
Abortion of products of conception, abortifacient, via natural or artificial opening
Abortion of products of conception, via natural or artificial opening
Abortion of products of conception, via natural or artificial endoscopic

ICD-10-CM diagnosis AND procedure codes for Operative vaginal delivery (with forceps or vacuum)
Attempted application of vacuum extractor and forceps
Extraction of products of conception, low forceps, via natural or artificial opening
Extraction of products of conception, mid forceps, via natural or artificial opening
Extraction of products of conception, high forceps, via natural or artificial opening
Extraction of products of conception, vacuum, via natural or artificial opening

ICD-10-CM diagnosis AND procedure codes for Vaginal delivery
Encounter for full-term uncomplicated delivery
Extraction of products of conception, low forceps, via natural or artificial opening
Extraction of products of conception, mid forceps, via natural or artificial opening
Extraction of products of conception, high forceps, via natural or artificial opening
Extraction of products of conception, vacuum, via natural or artificial opening
Extraction of products of conception, internal version, via natural or artificial opening
Extraction of products of conception, other, via natural or artificial opening
Delivery of products of conception, external approach
Routine obstetric care including antepartum care, vaginal delivery (with or without episiotomy, and/or forceps) and postpartum care
Vaginal delivery only (with or without episiotomy and/or forceps)
Vaginal delivery only (with or without episiotomy and/or forceps); including postpartum care
Routine obstetric care including antepartum care, vaginal delivery (with or without episiotomy, and/or forceps) and postpartum care, after previous cesarean delivery
Vaginal delivery only, after previous cesarean delivery (with or without episiotomy and/or forceps)
Vaginal delivery only, after previous cesarean delivery (with or without episiotomy and/or forceps); including postpartum care

**ICD-10-CM diagnosis codes for Sepsis**

- **O85** Puerperal sepsis
- **R65.2** Severe sepsis
- **R65.20** Severe sepsis without septic shock
- **R65.21** Severe sepsis with septic shock
- **T81.12XA** Postprocedural septic shock, initial encounter
- **T81.44XA** Sepsis following a procedure, initial encounter
- **I76** Septic arterial embolism
- **O86.04** Sepsis following an obstetrical procedure
- **A40** Streptococcal sepsis
- **A40.0** Sepsis due to streptococcus, group A
- **A40.1** Sepsis due to streptococcus, group B
- **A40.3** Sepsis due to streptococcus, group B
- **A40.8** Other streptococcal sepsis
- **A40.9** Streptococcal sepsis, unspecified
- **A41** Other sepsis
- **A41.0** Sepsis due to Staphylococcus aureus
- **A41.01** Sepsis due to Methicillin susceptible Staphylococcus aureus
- **A41.02** Sepsis due to Methicillin resistant Staphylococcus aureus
- **A41.1** Sepsis due to other specified staphylococcus
- **A41.2** Sepsis due to unspecified staphylococcus
A41.3  Sepsis due to Hemophilus influenzae
A41.4  Sepsis due to anaerobes
A41.5  Sepsis due to other Gram-negative organisms
A41.50 Gram-negative sepsis, unspecified
A41.51 Sepsis due to Escherichia coli [E. coli]
A41.52 Sepsis due to Pseudomonas
A41.53 Sepsis due to Serratia
A41.59 Other Gram-negative sepsis
A41.8  Other specified sepsis
A41.81 Sepsis due to Enterococcus
A41.89 Other specified sepsis
A41.9  Sepsis, unspecified organism
A32.7  Listerial sepsis

ICD-10-CM diagnosis codes for Severe anesthesia complications

O29.112 Cardiac arrest due to anesthesia during pregnancy, second trimester
O29.113 Cardiac arrest due to anesthesia during pregnancy, third trimester
O29.119 Cardiac arrest due to anesthesia during pregnancy, unspecified trimester
O29.122 Cardiac failure due to anesthesia during pregnancy, second trimester
O29.123 Cardiac failure due to anesthesia during pregnancy, third trimester
O29.129 Cardiac failure due to anesthesia during pregnancy, unspecified trimester
O29.192 Other cardiac complications of anesthesia during pregnancy, second trimester
O29.193 Other cardiac complications of anesthesia during pregnancy, third trimester
O29.199 Other cardiac complications of anesthesia during pregnancy, unspecified trimester
O29.212 Cerebral anoxia due to anesthesia during pregnancy, second trimester
O29.213 Cerebral anoxia due to anesthesia during pregnancy, third trimester
O29.219 Cerebral anoxia due to anesthesia during pregnancy, unspecified trimester
O29.292 Other central nervous system complications of anesthesia during pregnancy, second trimester
O29.293 Other central nervous system complications of anesthesia during pregnancy, third trimester
O29.299 Other central nervous system complications of anesthesia during pregnancy, unspecified trimester
O74.0  Aspiration pneumonitis due to anesthesia during labor and delivery
O74.1  Other pulmonary complications of anesthesia during labor and delivery
O74.2  Cardiac complications of anesthesia during labor and delivery
O74.3  Central nervous system complications of anesthesia during labor and delivery
O89.0  Pulmonary complications of anesthesia during the puerperium
O89.01 Aspiration pneumonitis due to anesthesia during the puerperium
O89.09 Other pulmonary complications of anesthesia during the puerperium
O89.1  Cardiac complications of anesthesia during the puerperium
O89.2  Central nervous system complications of anesthesia during the puerperium
<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
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<tbody>
<tr>
<td>T88.2XX</td>
<td>Shock due to anesthesia, initial encounter</td>
</tr>
<tr>
<td>T88.3XX</td>
<td>Malignant hyperthermia due to anesthesia, initial encounter</td>
</tr>
</tbody>
</table>

**ICD-10-CM diagnosis codes for Shock**

- **O75.1** Shock during or following labor and delivery
- **R57** Shock, not elsewhere classified
- **R57.0** Cardiogenic shock
- **R57.1** Hypovolemic shock
- **R57.8** Other shock
- **R57.9** Shock, unspecified
- **T78.2XXA** Anaphylactic shock, unspecified, initial encounter
- **T88.6XXA** Anaphylactic reaction due to adverse effect of correct drug or medicament properly administered, initial encounter
- **T81.10XA** Postprocedural shock unspecified, initial encounter
- **T81.11XA** Postprocedural cardiogenic shock, initial encounter
- **T81.19XA** Other postprocedural shock, initial encounter

**ICD-10-CM diagnosis codes for Sickle cell disease with crisis**

- **D57.0** Hb-SS disease with crisis
- **D57.00** Hb-SS disease with crisis, unspecified
- **D57.01** Hb-SS disease with acute chest syndrome
- **D57.02** Hb-SS disease with splenic sequestration
- **D57.03** Hb-SS disease with cerebral vascular involvement
- **D57.09** Hb-SS disease with crisis with other specified complication
- **D57.21** Sickle-cell/Hb-C disease with crisis
- **D57.211** Sickle-cell/Hb-C disease with acute chest syndrome
- **D57.212** Sickle-cell/Hb-C disease with splenic sequestration
- **D57.213** Sickle-cell/Hb-C disease with cerebral vascular involvement
- **D57.218** Sickle-cell/Hb-C disease with crisis with other specified complication
- **D57.219** Sickle-cell/Hb-C disease with crisis, unspecified
- **D57.41** Sickle-cell thalassemia, unspecified, with crisis
- **D57.411** Sickle-cell thalassemia, unspecified, with acute chest syndrome
- **D57.412** Sickle-cell thalassemia, unspecified, with splenic sequestration
- **D57.413** Sickle-cell thalassemia, unspecified, with cerebral vascular involvement
- **D57.418** Sickle-cell thalassemia, unspecified, with crisis with other specified complication
- **D57.419** Sickle-cell thalassemia, unspecified, with crisis
- **D57.81** Other sickle-cell disorders with crisis
- **D57.811** Other sickle-cell disorders with acute chest syndrome
- **D57.812** Other sickle-cell disorders with splenic sequestration
- **D57.813** Other sickle-cell disorders with cerebral vascular involvement
D57.818 Other sickle-cell disorders with crisis with other specified complication
D57.819 Other sickle-cell disorders with crisis, unspecified

ICD-10-CM diagnosis codes for Tobacco and other Substance Use
F10.10 Alcohol abuse, uncomplicated
F10.12 Alcohol abuse with intoxication
F10.120 Alcohol abuse with intoxication, uncomplicated
F10.121 Alcohol abuse with intoxication delirium
F10.129 Alcohol abuse with intoxication, unspecified
F10.14 Alcohol abuse with alcohol-induced mood disorder
F10.181 Alcohol abuse with alcohol-induced sexual dysfunction
F10.182 Alcohol abuse with alcohol-induced sleep disorder
F10.188 Alcohol abuse with other alcohol-induced disorder
F10.19 Alcohol abuse with unspecified alcohol-induced disorder
F10.20 Alcohol dependence, uncomplicated
F10.22 Alcohol dependence with intoxication
F10.220 Alcohol dependence with intoxication, uncomplicated
F10.221 Alcohol dependence with intoxication delirium
F10.229 Alcohol dependence with intoxication, unspecified
F10.23 Alcohol dependence with withdrawal
F10.230 Alcohol dependence with withdrawal, uncomplicated
F10.231 Alcohol dependence with withdrawal delirium
F10.232 Alcohol dependence w withdrawal with perceptual disturbance
F10.239 Alcohol dependence with withdrawal, unspecified
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F10.982 Alcohol use, unspecified with alcohol-induced sleep disorder
F10.988 Alcohol use, unspecified with other alcohol-induced disorder
F10.99 Alcohol use, unsp with unspecified alcohol-induced disorder
G31.2 Degeneration of nervous system due to alcohol
G62.1 Alcoholic polyneuropathy
O35.4 Maternal care for (suspected) damage to fetus from alcohol
  Maternal care for (suspected) damage to fetus from alcohol, not applicable
  or unspecified
O35.4XX0 Maternal care for (suspected) damage to fetus from alcohol, fetus 1
O35.4XX1 Maternal care for (suspected) damage to fetus from alcohol, fetus 2
O35.4XX2 Maternal care for (suspected) damage to fetus from alcohol, fetus 3
O35.4XX4 Maternal care for (suspected) damage to fetus from alcohol, fetus 4
O35.4XX5 Maternal care for (suspected) damage to fetus from alcohol, fetus 5
O35.4XX9 Maternal care for (suspected) damage to fetus from alcohol, other fetus
O99.31 Alcohol use complicating pregnancy, childbirth, and the puerperium
  Alcohol use complicating pregnancy, unspecified trimester
O99.311 Alcohol use complicating pregnancy, first trimester
O99.312 Alcohol use complicating pregnancy, second trimester
O99.313 Alcohol use complicating pregnancy, third trimester
O99.314 Alcohol use complicating childbirth
O99.315 Alcohol use complicating the puerperium
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F11.90 Opioid use, unspecified, uncomplicated
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<td>F18.221</td>
<td>Inhalant dependence with intoxication delirium</td>
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<tr>
<td>F18.229</td>
<td>Inhalant dependence with intoxication, unspecified</td>
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<td>F18.24</td>
<td>Inhalant dependence with inhalant-induced mood disorder</td>
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<td>Inhalant dependence with inhalant-induced dementia</td>
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<td>F18.288</td>
<td>Inhalant dependence with other inhalant-induced disorder</td>
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<td>Inhalant dependence with unsp inhalant-induced disorder</td>
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<td>F18.90</td>
<td>Inhalant use, unspecified, uncomplicated</td>
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<td>F18.92</td>
<td>Inhalant use, unspecified with intoxication</td>
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<td>F18.920</td>
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<td>F18.921</td>
<td>Inhalant use, unspecified with intoxication with delirium</td>
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<td>F18.929</td>
<td>Inhalant use, unspecified with intoxication, unspecified</td>
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<td>F18.94</td>
<td>Inhalant use, unsp with inhalant-induced mood disorder</td>
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<td>F18.97</td>
<td>Inhalant use, unsp with inhalant-induced persisting dementia</td>
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<td>F18.988</td>
<td>Inhalant use, unsp with other inhalant-induced disorder</td>
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<td>F18.99</td>
<td>Inhalant use, unsp with unsp inhalant-induced disorder</td>
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<td>F17.200</td>
<td>Nicotine dependence, unspecified, uncomplicated</td>
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<td>F17.203</td>
<td>Nicotine dependence unspecified, with withdrawal</td>
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<td>F17.208</td>
<td>Nicotine dependence, unsp, w oth nicotine-induced disorders</td>
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<tr>
<td>F17.209</td>
<td>Nicotine dependence, unsp, w unsp nicotine-induced disorders</td>
</tr>
<tr>
<td>F17.210</td>
<td>Nicotine dependence, cigarettes, uncomplicated</td>
</tr>
<tr>
<td>F17.213</td>
<td>Nicotine dependence, cigarettes, with withdrawal</td>
</tr>
<tr>
<td>F17.218</td>
<td>Nicotine dependence, cigarettes, w oth disorders</td>
</tr>
<tr>
<td>F17.219</td>
<td>Nicotine dependence, cigarettes, w unsp disorders</td>
</tr>
<tr>
<td>F17.220</td>
<td>Nicotine dependence, chewing tobacco, uncomplicated</td>
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F17.223 Nicotine dependence, chewing tobacco, with withdrawal
F17.228 Nicotine dependence, chewing tobacco, w oth disorders
F17.229 Nicotine dependence, chewing tobacco, w unsp disorders
F17.290 Nicotine dependence, other tobacco product, uncomplicated
F17.293 Nicotine dependence, other tobacco product, with withdrawal
F17.298 Nicotine dependence, oth tobacco product, w oth disorders
F17.299 Nicotine dependence, oth tobacco product, w unsp disorders
Tobacco use disorder complicating pregnancy, childbirth, and the puerperium
O99.33 Smoking (tobacco) complicating pregnancy, unspecified trimester
O99.331 Smoking (tobacco) complicating pregnancy, first trimester
O99.332 Smoking (tobacco) complicating pregnancy, second trimester
O99.333 Smoking (tobacco) complicating pregnancy, third trimester
O99.334 Smoking (tobacco) complicating childbirth
O99.335 Smoking (tobacco) complicating the puerperium
F19.10 Other psychoactive substance abuse, uncomplicated
F19.12 Other psychoactive substance abuse with intoxication
F19.120 Oth psychoactive substance abuse w intoxication, uncomp
F19.121 Oth psychoactive substance abuse with intoxication delirium
F19.122 Oth psychoactive substance abuse w intox w perceptual disturb
F19.129 Other psychoactive substance abuse with intoxication, unsp
F19.14 Oth psychoactive substance abuse w mood disorder
F19.16 Oth psychoactive substance abuse w persist amnestic disorder
Other psychoactive substance abuse with psychoactive substance-induced persisting dementia
F19.17 Oth psychoactive substance abuse w sexual dysfunction
Other psychoactive substance abuse with psychoactive substance-induced sleep disorder
F19.182 Oth psychoactive substance abuse w oth disorder
F19.19 Oth psychoactive substance abuse w unsp disorder
F19.20 Other psychoactive substance dependence, uncomplicated
F19.22 Other psychoactive substance dependence with intoxication
F19.220 Oth psychoactive substance dependence w intoxication, uncomp
F19.221 Oth psychoactive substance dependence w intox delirium
F19.222 Oth psychoactive substance depend w intox w perceptual disturb
F19.229 Other psychoactive substance dependence w intoxication, unsp
F19.23 Other psychoactive substance dependence with withdrawal
F19.230 Oth psychoactive substance dependence w withdrawal, uncomp
F19.231 Oth psychoactive substance dependence w withdrawal delirium
F19.232 Oth psychoactive sub depend w w/drawal w perceptl disturb
F19.239 Other psychoactive substance dependence with withdrawal, unsp
F19.24 Oth psychoactive substance dependence w mood disorder
F19.26 Oth psychoactive substance depend w persist amnestic disorder
Other psychoactive substance dependence with psychoactive substance-induced persisting dementia
F19.27
Oth psychoactive substance dependence w sexual dysfunction
F19.281
Other psychoactive substance dependence with psychoactive substance-induced sleep disorder
F19.282
Oth psychoactive substance dependence w oth disorder
F19.288
Oth psychoactive substance dependence w unsp disorder
F19.29
Other psychoactive substance use, unspecified, uncomplicated
F19.90
Other psychoactive substance use, unspecified with intoxication
F19.920
Oth psychoactive substance use, unsp w intoxication, uncomp
F19.921
Oth psychoactive substance use, unsp w intox w delirium
F19.922
Oth psychoactive sub use, unsp w intox w perceptl disturb
F19.929
Oth psychoactive substance use, unsp with intoxication, unsp
F19.93
Oth psychoactive substance use, unsp w withdrawal, unsp
F19.930
Oth psychoactive substance use, unsp w withdrawal delirium
F19.931
Oth psychoactive substance use, unsp w withdrawal percep distur
F19.932
Oth psychoactive substance use, unsp w withdrawal, unsp
F19.939
Oth psychoactive substance use, unsp w mood disorder
F19.94
Oth psychoactive sub use, unsp w persist amnestic disorder
F19.96
Other psychoactive substance use, unspecified with psychoactive substance-induced persisting dementia
F19.97
Oth psychoactive substance use, unsp w sexual dysfunction
F19.981
Other psychoactive substance use, unspecified with psychoactive substance-induced sleep disorder
F19.982
Oth psychoactive substance use, unsp w oth disorder
F19.988
Oth psychoactive substance use, unsp w unsp disorder
F19.99
Maternal care for (suspected) damage to fetus by drugs
O35.5
Maternal care for (suspected) damage to fetus by drugs, not applicable or unspecified
O35.5XX0
Maternal care for (suspected) damage to fetus by drugs, fetus 1
O35.5XX1
Maternal care for (suspected) damage to fetus by drugs, fetus 2
O35.5XX2
Maternal care for (suspected) damage to fetus by drugs, fetus 3
O35.5XX3
Maternal care for (suspected) damage to fetus by drugs, fetus 4
O35.5XX4
Maternal care for (suspected) damage to fetus by drugs, fetus 5
O35.5XX5
Maternal care for (suspected) damage to fetus by drugs, other fetus
O35.5XX9
Drug use complicating pregnancy, childbirth, and the puerperium
O99.32
Drug use complicating pregnancy, unspecified trimester
O99.320
Drug use complicating pregnancy, first trimester
O99.321
Drug use complicating pregnancy, second trimester
O99.322
Drug use complicating pregnancy, third trimester
O99.323
Drug use complicating childbirth
O99.324
Drug use complicating the puerperium
O99.325
ICD-10-CM diagnosis codes for Vaginal delivery

   Encounter for full-term uncomplicated
O80   delivery

Procedure codes for Blood products transfusion

30230H0  Transfusion of autologous whole blood into peripheral vein, open approach
30230K0  Transfusion of autologous frozen plasma into peripheral vein, open approach
30230L0  Transfusion of autologous fresh plasma into peripheral vein, open approach
30230M0  Transfusion of autologous plasma cryoprecipitate into peripheral vein, open approach
30230N0  Transfusion of autologous red blood cells into peripheral vein, open approach
30230P0  Transfusion of autologous frozen red cells into peripheral vein, open approach
30230R0  Transfusion of autologous platelets into peripheral vein, open approach
30230T0  Transfusion of autologous fibrinogen into peripheral vein, open approach
30230H1  Transfusion of nonautologous whole blood into peripheral vein, open approach
30230K1  Transfusion of nonautologous frozen plasma into peripheral vein, open approach
30230L1  Transfusion of nonautologous fresh plasma into peripheral vein, open approach
30230M1  Transfusion of nonautologous plasma cryoprecipitate into peripheral vein, open approach
30230N1  Transfusion of nonautologous red blood cells into peripheral vein, open approach
30230P1  Transfusion of nonautologous frozen red cells into peripheral vein, open approach
30230R1  Transfusion of nonautologous platelets into peripheral vein, open approach
30230T1  Transfusion of autologous whole blood into peripheral vein, percutaneous approach
30233H0  Transfusion of autologous frozen plasma into peripheral vein, percutaneous approach
30233K0  Transfusion of autologous fresh plasma into peripheral vein, percutaneous approach
30233L0  Transfusion of autologous plasma cryoprecipitate into peripheral vein, percutaneous approach
30233M0  Transfusion of autologous red blood cells into peripheral vein, percutaneous approach
30233N0  Transfusion of autologous platelets into peripheral vein, percutaneous approach
30233T0  Transfusion of autologous fibrinogen into peripheral vein, percutaneous approach
Transfusion of autologous frozen red cells into peripheral vein, percutaneous approach

Transfusion of autologous platelets into peripheral vein, percutaneous approach

Transfusion of autologous fibrinogen into peripheral vein, percutaneous approach

Transfusion of nonautologous whole blood into peripheral vein, percutaneous approach

Transfusion of nonautologous frozen plasma into peripheral vein, percutaneous approach

Transfusion of nonautologous fresh plasma into peripheral vein, percutaneous approach

Transfusion of nonautologous plasma cryoprecipitate into peripheral vein, percutaneous approach

Transfusion of nonautologous red blood cells into peripheral vein, percutaneous approach

Transfusion of nonautologous frozen red cells into peripheral vein, percutaneous approach

Transfusion of nonautologous platelets into peripheral vein, percutaneous approach

Transfusion of nonautologous fibrinogen into peripheral vein, percutaneous approach

Transfusion of autologous whole blood into central vein, open approach

Transfusion of autologous frozen plasma into central vein, open approach

Transfusion of autologous fresh plasma into central vein, open approach

Transfusion of autologous plasma cryoprecipitate into central vein, open approach

Transfusion of autologous red blood cells into central vein, open approach

Transfusion of autologous frozen red cells into central vein, open approach

Transfusion of autologous platelets into central vein, open approach

Transfusion of autologous fibrinogen into central vein, open approach

Transfusion of nonautologous whole blood into central vein, open approach

Transfusion of nonautologous frozen plasma into central vein, open approach

Transfusion of nonautologous fresh plasma into central vein, open approach

Transfusion of nonautologous plasma cryoprecipitate into central vein, open approach

Transfusion of nonautologous red blood cells into central vein, open approach

Transfusion of nonautologous frozen red cells into central vein, open approach

Transfusion of nonautologous platelets into central vein, open approach

Transfusion of nonautologous fibrinogen into central vein, open approach
Transfusion of autologous whole blood into central vein, percutaneous approach

Transfusion of autologous frozen plasma into central vein, percutaneous approach

Transfusion of autologous fresh plasma into central vein, percutaneous approach

Transfusion of autologous plasma cryoprecipitate into central vein, percutaneous approach

Transfusion of autologous red blood cells into central vein, percutaneous approach

Transfusion of autologous frozen red cells into central vein, percutaneous approach

Transfusion of autologous platelets into central vein, percutaneous approach

Transfusion of autologous fibrinogen into central vein, percutaneous approach

Transfusion of nonautologous whole blood into central vein, percutaneous approach

Transfusion of nonautologous frozen plasma into central vein, percutaneous approach

Transfusion of nonautologous fresh plasma into central vein, percutaneous approach

Transfusion of nonautologous plasma cryoprecipitate into central vein, percutaneous approach

Transfusion of nonautologous red blood cells into central vein, percutaneous approach

Transfusion of nonautologous frozen red cells into central vein, percutaneous approach

Transfusion of nonautologous platelets into central vein, percutaneous approach

Transfusion of nonautologous fibrinogen into central vein, percutaneous approach

Procedure codes for Conversion of cardiac rhythm

5A2204Z Restoration of cardiac rhythm, single
Performance of cardiac output, single,

5A12012 manual

Procedure codes for C-section delivery

10D00Z 0 Extraction of products of conception, high, open approach

10D00Z 1 Extraction of products of conception, low, open approach
<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
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<tbody>
<tr>
<td>10D00Z</td>
<td>Extraction of products of conception, extraperitoneal, open approach</td>
</tr>
<tr>
<td>2</td>
<td>Routine obstetric care including antepartum care, cesarean delivery, and</td>
</tr>
<tr>
<td></td>
<td>postpartum care</td>
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<tr>
<td>59510</td>
<td>Cesarean delivery only</td>
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<tr>
<td>59514</td>
<td>Cesarean delivery only; including postpartum care</td>
</tr>
<tr>
<td></td>
<td>Routine obstetric care including antepartum care, cesarean delivery, and</td>
</tr>
<tr>
<td></td>
<td>postpartum care, following attempted vaginal delivery after previous cesarean</td>
</tr>
<tr>
<td>59618</td>
<td>Cesarean delivery only, following attempted vaginal delivery after previous</td>
</tr>
<tr>
<td></td>
<td>cesarean delivery</td>
</tr>
<tr>
<td>59620</td>
<td>Cesarean delivery only, following attempted vaginal delivery after previous</td>
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<tr>
<td></td>
<td>cesarean delivery; including postpartum care</td>
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</table>

### Procedure codes for Delivery

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<th>Code</th>
<th>Description</th>
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<tbody>
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<td>Extraction of products of conception, high, open approach</td>
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<tr>
<td>10D00Z</td>
<td>Extraction of products of conception, low, open approach</td>
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<tr>
<td>10D00Z</td>
<td>Extraction of products of conception, extraperitoneal, open approach</td>
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<td>2</td>
<td>Routine obstetric care including antepartum care, cesarean delivery, and</td>
</tr>
<tr>
<td></td>
<td>postpartum care</td>
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<tr>
<td>10D07Z</td>
<td>Extraction of products of conception, low forceps, via natural or artificial</td>
</tr>
<tr>
<td>3</td>
<td>opening</td>
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<tr>
<td>10D07Z</td>
<td>Extraction of products of conception, mid forceps, via natural or artificial</td>
</tr>
<tr>
<td>4</td>
<td>opening</td>
</tr>
<tr>
<td>10D07Z</td>
<td>Extraction of products of conception, high forceps, via natural or artificial</td>
</tr>
<tr>
<td>5</td>
<td>opening</td>
</tr>
<tr>
<td>10D07Z</td>
<td>Extraction of products of conception, vacuum, via natural or artificial</td>
</tr>
<tr>
<td>6</td>
<td>opening</td>
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<tr>
<td>10D07Z</td>
<td>Extraction of products of conception, internal version, via natural or</td>
</tr>
<tr>
<td>7</td>
<td>artificial opening</td>
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<tr>
<td>10D07Z</td>
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<tr>
<td>8</td>
<td>Extraction of products of conception, other, via natural or artificial</td>
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<tr>
<td>10E0XZ</td>
<td>Delivery of products of conception, external approach</td>
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<tr>
<td>59409</td>
<td>Vaginal delivery only (with or without episiotomy and/or forceps)</td>
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<tr>
<td>59514</td>
<td>Cesarean delivery only</td>
</tr>
<tr>
<td></td>
<td>Vaginal delivery only, after previous cesarean delivery (with or without</td>
</tr>
<tr>
<td></td>
<td>episiotomy and/or forceps)</td>
</tr>
<tr>
<td>59612</td>
<td>Cesarean delivery only</td>
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<tr>
<td></td>
<td>Cesarean delivery only, following attempted vaginal delivery after previous</td>
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<td>59620</td>
<td>cesarean delivery</td>
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### Procedure codes for Hysterectomy

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<tbody>
<tr>
<td>0UT90ZZ</td>
<td>Resection of uterus, open approach</td>
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</table>
Resection of Uterus, Supracervical, Via Natural or Artificial Opening

Procedure codes for Interruption of Pregnancy
10A00ZZ Abortion of products of conception, open approach
10A03ZZ Abortion of products of conception, percutaneous approach
10A04ZZ Abortion of products of conception, percutaneous endoscopic approach
10A07Z6 Abortion of products of conception, vacuum, via natural or artificial opening
10A07ZW Abortion of products of conception, laminaria, via natural or artificial opening
10A07ZX Abortion of products of conception, abortifacient, via natural or artificial opening
10A07ZZ Abortion of products of conception, via natural or artificial opening endoscopic

Procedure codes for Operative vaginal delivery (with forceps or vacuum)
10D07Z3 Extraction of products of conception, low forceps, via natural or artificial opening
10D07Z4 Extraction of products of conception, mid forceps, via natural or artificial opening
10D07Z5 Extraction of products of conception, high forceps, via natural or artificial opening
10D07Z6 Extraction of products of conception, vacuum, via natural or artificial opening

Procedure codes for Temporary tracheostomy
0B110F Bypass trachea to cutaneous with tracheostomy device, open approach
0B113F Bypass trachea to cutaneous with tracheostomy device, percutaneous approach
0B114F Bypass trachea to cutaneous with tracheostomy device, percutaneous endoscopic approach

Procedure codes for Vaginal delivery
10D07Z3 Extraction of products of conception, low forceps, via natural or artificial opening
10D07Z4 Extraction of products of conception, mid forceps, via natural or artificial opening
<table>
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<th>Procedure Code</th>
<th>Description</th>
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<tr>
<td>10D07Z5</td>
<td>Extraction of products of conception, high forceps, via natural or artificial opening</td>
</tr>
<tr>
<td>10D07Z6</td>
<td>Extraction of products of conception, vacuum, via natural or artificial opening</td>
</tr>
<tr>
<td>10D07Z7</td>
<td>Extraction of products of conception, internal version, via natural or artificial opening</td>
</tr>
<tr>
<td>10D07Z8</td>
<td>Extraction of products of conception, other, via natural or artificial opening</td>
</tr>
<tr>
<td>10E0XZZ</td>
<td>Delivery of products of conception, external approach</td>
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<tr>
<td>59400</td>
<td>Routine obstetric care including antepartum care, vaginal delivery (with or without episiotomy, and/or forceps) and postpartum care</td>
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<tr>
<td>59409</td>
<td>Vaginal delivery only (with or without episiotomy and/or forceps)</td>
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<tr>
<td>59410</td>
<td>Vaginal delivery only (with or without episiotomy and/or forceps); including postpartum care</td>
</tr>
<tr>
<td>59610</td>
<td>Routine obstetric care including antepartum care, vaginal delivery (with or without episiotomy, and/or forceps) and postpartum care, after previous cesarean delivery</td>
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<tr>
<td>59612</td>
<td>Vaginal delivery only, after previous cesarean delivery (with or without episiotomy and/or forceps)</td>
</tr>
<tr>
<td>59614</td>
<td>Vaginal delivery only, after previous cesarean delivery (with or without episiotomy and/or forceps); including postpartum care</td>
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**Procedure codes for Ventilation**

<table>
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<th>Code</th>
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<tbody>
<tr>
<td>5A1935Z</td>
<td>Respiratory ventilation, less than 24 consecutive hours</td>
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<tr>
<td>5A1945Z</td>
<td>Respiratory ventilation, 24-96 consecutive hours</td>
</tr>
<tr>
<td>5A1955Z</td>
<td>Respiratory ventilation, greater than 96 consecutive hours</td>
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