



# Coding update of the SMFM definition of low risk for cesarean delivery from ICD-9-CM to ICD-10-CM

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The practice of medicine continues to evolve, and individual circumstances will vary. This publication reflects information available at the time of its submission for publication and is neither designed nor intended to establish an exclusive standard of perinatal care. This publication is not expected to reflect the opinions of all members of the Society for Maternal-Fetal Medicine.

In 2015, the Society for Maternal-Fetal Medicine developed a low risk for cesarean delivery definition based on administrative claims-based diagnosis codes described by the *International Classification of Diseases, Ninth Revision, Clinical Modification*. The Society for Maternal-Fetal Medicine definition is a clinical enrichment of 2 available measures from the Joint Commission and the Agency for Healthcare Research and Quality measures. The Society for Maternal-Fetal Medicine measure excludes diagnosis codes that represent clinically relevant risk factors that are absolute or relative contraindications to vaginal birth while retaining diagnosis codes such as labor disorders that are discretionary risk factors for cesarean delivery. The introduction of the *International Statistical Classification of Diseases, 10th Revision, Clinical Modification* in October 2015 expanded the number of available diagnosis codes and enabled a greater depth and breadth of clinical description. These coding improvements further enhance the clinical validity of the Society for Maternal-Fetal Medicine definition and its potential utility in tracking progress toward the goal of safely lowering the US cesarean delivery rate. This report updates the Society for Maternal-Fetal Medicine definition of low risk for cesarean delivery using *International Statistical Classification of Diseases, 10th Revision, Clinical Modification* coding.

## Society for Maternal-Fetal Medicine definition of low risk for cesarean delivery

In October 2015, the Society for Maternal-Fetal Medicine (SMFM) created and published a low risk for cesarean delivery definition.<sup>1</sup> The SMFM definition sought to refine the identification of patients at low risk for cesarean delivery described by 2 other available measures used for hospital reporting, the Joint Commission and the Agency for Healthcare Research and Quality (AHRQ) definitions.<sup>2,3</sup> The Joint Commission and AHRQ measures apply to nulliparous women at term with a singleton fetus in the vertex position (NTSV). The SMFM refinement excluded women with clinically relevant risk factors that are absolute or relative contraindications to vaginal birth, such as placenta previa, HIV infection, or eclampsia, which were not excluded in the other definitions. It retained other diagnoses that are known to be discretionary risk factors for cesarean delivery, such as labor

disorders, that contribute to the high US cesarean delivery rate. The SMFM definition is based solely on diagnoses identifiable in administrative claims-based data described by the *International Classification of Diseases, Ninth Revision (ICD-9), Clinical Modification (ICD-9-CM)*, further simplifying data collection and measurement.<sup>4</sup> This refinement was intended to increase the face validity of the measure for practicing physicians and hospitals and potentially increase acceptance/use of the measure for quality improvement activities and reporting. In October 2016, AHRQ employed the SMFM definition for the first time in its Healthcare Cost and Utilization Project review of the rate of low-risk cesarean deliveries in US hospitals in 2013.<sup>5</sup> The Healthcare Cost and Utilization Project brief noted that the SMFM definition was used because it “is more clinically comprehensive than other prior definitions available from the Joint Commission and Agency for Healthcare Research and Quality.”<sup>5</sup>

### **International Statistical Classification of Diseases, 10th Revision, Clinical Modification structure and its impact on the SMFM definition of low risk for cesarean delivery**

Since the publication of the SMFM definition, the clinical diagnosis coding standard underwent the first major update in 36 years, shifting from *ICD-9-CM* to *International Statistical Classification of Diseases, 10th Revision (ICD-10)*, *Clinical Modification (ICD-10-CM)*.<sup>6</sup> Mandatory claims submission using *ICD-10-CM*-only codes began on Oct. 1, 2015.<sup>6</sup> The architecture of *ICD-9-CM* limited the amount of data that could describe patients' medical conditions. The structure also limited the number of new codes that could be created, thus preventing the inclusion of new diseases, such as Zika virus, or other relevant clinical or environmental information present in the patient record, such as laterality of disease, body location of injury, or episode of care (eg, whether the clinical situation described is present at the initial or subsequent encounter). In contrast to the 3- to 5-digit code structure in *ICD-9-CM*, each *ICD-10-CM* code can have 3-7 characters, enhancing diagnosis description. The first character is always a letter, the second always a number, and the remaining characters are either letters or numbers. *ICD-10-CM* provides information on trimester of pregnancy for conditions associated with the supervision of complicated pregnancies (O09-O46.93). It also requires a delineation of fetal number when using intrapartum diagnosis codes as indicated by a seventh digit with a value of 0-9 (eg, 0 = singleton; 1 = multiple gestation, first fetus; 2 = multiple gestation, second fetus; 9 = multiple gestation, other fetus). If there are <6 other characters used for a diagnosis code in which a seventh character is required, the dummy placeholder "x" must be used before the seventh values (eg, O69.0xx3 labor and delivery complicated by prolapse of cord, fetus number = 3). Additionally, *ICD-10-CM* allows for the optional inclusion of a Z code to describe the exact week of gestation in which a service is delivered (eg, Z3A.00 = week of gestation not specified, Z3A.01 = <8 weeks of gestation, Z3A.08 = 8 weeks of gestation). The code can be sequentially numbered through Z3A.49, which is >42 weeks of gestation. Finally, *ICD-10-CM* codes can include the use of a placeholder "x" for future coding enrichment.<sup>7,8</sup>

The structure of *ICD-10-CM* makes available a much greater number of codes and thereby enables a greater depth and breadth of clinical description. When *ICD-10-CM* debuted in October 2015, it contained approximately 68,000 total codes compared to 13,000 codes in *ICD-9-CM*.<sup>9,10</sup> *ICD-10* provides twice the number of obstetrical codes than *ICD-9* (2155 in *ICD-10* compared to 1104 in *ICD-9*), allowing for a richer description of pregnancy conditions and potentially additional refinement in the delineation of women at low risk for cesarean delivery.

The US Centers for Medicare and Medicaid Services and other collaborators prepared crossover charts called "general equivalency mappings" (GEMs) to help convert *ICD-9-CM* codes to *ICD-10-CM* codes for common conditions.<sup>10</sup> The GEMs use a 2-way translational dictionary or "crosswalk" (*ICD-9-CM* to *ICD-10-CM* and *ICD-10-CM* to *ICD-9-CM*). The GEMs are designed to give all sectors of the health care industry a tool to convert between the 2 systems, but they are not designed as a comprehensive clinical mapping instrument.<sup>11</sup> The obstetrical crosswalk is especially complicated because in addition to the enhanced specificity of disease description, *ICD-10-CM* also introduced the new dimensions of classification described above (trimester of pregnancy, fetal number, and exact gestational age). As a result, obstetric coding in *ICD-9-CM* compared to *ICD-10-CM* has a 1-to-many crosswalk ratio. For example, in the case of diabetes mellitus complicating pregnancy and placental disorders complicating pregnancy, the ratio of available codes in *ICD-9-CM* to *ICD-10-CM* is approximately 1-to-3 (3 *ICD-10-CM* codes for each *ICD-9-CM* code) (Table).

The increase in the specificity of *ICD-10-CM* coding has utility in supporting public health surveillance, quality measurement, and research that employs administrative claims-based data, including tracking and measuring the low risk for cesarean delivery rate in the United States. In this publication, we update the SMFM low risk for cesarean delivery definition using the *ICD-10-CM* code set. This updated definition was developed with the assistance of the SMFM Coding Committee and Health Policy and Advocacy Committee.

### **Updating the SMFM definition of low risk for cesarean delivery from *ICD-9-CM* to *ICD-10-CM***

The methodology for creating the SMFM low risk for cesarean delivery definition using *ICD-9-CM* coding has been previously described.<sup>1</sup> It includes all term, singleton, vertex, live birth deliveries without prior cesarean delivery and without high-risk diagnoses. Women with prior cesarean deliveries are excluded from measure given the practice variation in trial of labor after cesarean delivery and the impact of patient choice on this decision. The principles guiding code review and classification as high risk for cesarean delivery in both *ICD-9-CM* and *ICD-10-CM* were based on guidelines of the American Congress of Obstetricians and Gynecologists or SMFM where available.<sup>12-14</sup> In the absence of a practice guideline, clinical expertise was used to determine conditions to be excluded from the low-risk definition based on the following principles: obstetric risk factors present prior to delivery or in the intrapartum course (not postpartum occurrences); maternal conditions where vaginal delivery may be relatively contraindicated (eg, maternal cardiac disease); and obstetric clinical factors where there is a contraindication to vaginal delivery or broad professional acceptance of cesarean delivery (eg, umbilical

TABLE

**International Classification of Diseases, Ninth Revision, Clinical Modification and International Statistical Classification of Diseases, 10th Revision, Clinical Modification code comparisons of selected high-risk conditions**

Diagnosis code	Diagnosis description	ICD code type
648.0X	DIABETES MELLITUS COMPLICATING PREGNANCY	ICD9
648.00	DIABETES MELLITUS OF MOTHER, COMPLICATING PREGNANCY, CHILDBIRTH, OR PUERPERIUM, UNSPECIFIED AS TO EPISODE OF CARE OR NOT APPLICABLE	ICD9
648.01	DIABETES MELLITUS OF MOTHER, COMPLICATING PREGNANCY, CHILDBIRTH, OR PUERPERIUM, DELIVERED, WITH OR WITHOUT MENTION OF ANTEPARTUM CONDITION	ICD9
648.02	DIABETES MELLITUS OF MOTHER, COMPLICATING PREGNANCY, CHILDBIRTH, OR PUERPERIUM, DELIVERED, WITH MENTION OF POSTPARTUM COMPLICATION	ICD9
648.03	DIABETES MELLITUS OF MOTHER, COMPLICATING PREGNANCY, CHILDBIRTH, OR PUERPERIUM, ANTEPARTUM CONDITION OR COMPLICATION	ICD9
648.04	DIABETES MELLITUS OF MOTHER, COMPLICATING PREGNANCY, CHILDBIRTH, OR PUERPERIUM, POSTPARTUM CONDITION OR COMPLICATION	ICD9
648.8X	ABNORMAL GLUCOSE TOLERANCE COMPLICATING PREGNANCY	ICD9
648.80	ABNORMAL GLUCOSE TOLERANCE OF MOTHER, UNSPECIFIED AS TO EPISODE OF CARE OR NOT APPLICABLE	ICD9
648.81	ABNORMAL GLUCOSE TOLERANCE OF MOTHER, DELIVERED, WITH OR WITHOUT MENTION OF ANTEPARTUM CONDITION	ICD9
648.82	ABNORMAL GLUCOSE TOLERANCE OF MOTHER, DELIVERED, WITH MENTION OF POSTPARTUM COMPLICATION	ICD9
648.83	ABNORMAL GLUCOSE TOLERANCE OF MOTHER, ANTEPARTUM CONDITION OR COMPLICATION	ICD9
648.84	ABNORMAL GLUCOSE TOLERANCE OF MOTHER, POSTPARTUM CONDITION OR COMPLICATION	ICD9
024.011	PREEXISTING TYPE 1 DIABETES MELLITUS, IN PREGNANCY, FIRST TRIMESTER	ICD10DX
024.012	PREEXISTING TYPE 1 DIABETES MELLITUS, IN PREGNANCY, SECOND TRIMESTER	ICD10DX
024.013	PREEXISTING TYPE 1 DIABETES MELLITUS, IN PREGNANCY, THIRD TRIMESTER	ICD10DX
024.019	PREEXISTING TYPE 1 DIABETES MELLITUS, IN PREGNANCY, UNSPECIFIED TRIMESTER	ICD10DX
024.02	PREEXISTING TYPE 1 DIABETES MELLITUS, IN CHILDBIRTH	ICD10DX
024.03	PREEXISTING TYPE 1 DIABETES MELLITUS, IN PUERPERIUM	ICD10DX
024.111	PREEXISTING TYPE 2 DIABETES MELLITUS, IN PREGNANCY, FIRST TRIMESTER	ICD10DX
024.112	PREEXISTING TYPE 2 DIABETES MELLITUS, IN PREGNANCY, SECOND TRIMESTER	ICD10DX
024.113	PREEXISTING TYPE 2 DIABETES MELLITUS, IN PREGNANCY, THIRD TRIMESTER	ICD10DX
024.119	PREEXISTING TYPE 2 DIABETES MELLITUS, IN PREGNANCY, UNSPECIFIED TRIMESTER	ICD10DX
024.12	PREEXISTING TYPE 2 DIABETES MELLITUS, IN CHILDBIRTH	ICD10DX
024.13	PREEXISTING TYPE 2 DIABETES MELLITUS, IN PUERPERIUM	ICD10DX
024.311	UNSPECIFIED PREEXISTING DIABETES MELLITUS IN PREGNANCY, FIRST TRIMESTER	ICD10DX
024.312	UNSPECIFIED PREEXISTING DIABETES MELLITUS IN PREGNANCY, SECOND TRIMESTER	ICD10DX
024.313	UNSPECIFIED PREEXISTING DIABETES MELLITUS IN PREGNANCY, THIRD TRIMESTER	ICD10DX
024.319	UNSPECIFIED PREEXISTING DIABETES MELLITUS IN PREGNANCY, UNSPECIFIED TRIMESTER	ICD10DX
024.32	UNSPECIFIED PREEXISTING DIABETES MELLITUS IN CHILDBIRTH	ICD10DX
024.33	UNSPECIFIED PREEXISTING DIABETES MELLITUS IN PUERPERIUM	ICD10DX
024.410	GESTATIONAL DIABETES MELLITUS IN PREGNANCY, DIET CONTROLLED	ICD10DX
024.414	GESTATIONAL DIABETES MELLITUS IN PREGNANCY, INSULIN CONTROLLED	ICD10DX

SMFM. Coding update for cesarean delivery from ICD-9-CM to ICD-10-CM. Am J Obstet Gynecol 2017.

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**TABLE**

**International Classification of Diseases, Ninth Revision, Clinical Modification and International Statistical Classification of Diseases, 10th Revision, Clinical Modification code comparisons of selected high-risk conditions** (continued)

Diagnosis code	Diagnosis description	ICD code type
024.415	GESTATIONAL DIABETES MELLITUS IN PREGNANCY, CONTROLLED BY ORAL HYPOGLYCEMIC DRUGS	ICD10DX
024.419	GESTATIONAL DIABETES MELLITUS IN PREGNANCY, UNSPECIFIED CONTROL	ICD10DX
024.420	GESTATIONAL DIABETES MELLITUS IN CHILDBIRTH, DIET CONTROLLED	ICD10DX
024.424	GESTATIONAL DIABETES MELLITUS IN CHILDBIRTH, INSULIN CONTROLLED	ICD10DX
024.425	GESTATIONAL DIABETES MELLITUS IN CHILDBIRTH, CONTROLLED BY ORAL HYPOGLYCEMIC DRUGS	ICD10DX
024.429	GESTATIONAL DIABETES MELLITUS IN CHILDBIRTH, UNSPECIFIED CONTROL	ICD10DX
024.430	GESTATIONAL DIABETES MELLITUS IN PUERPERIUM, DIET CONTROLLED	ICD10DX
024.434	GESTATIONAL DIABETES MELLITUS IN PUERPERIUM, INSULIN CONTROLLED	ICD10DX
024.435	GESTATIONAL DIABETES MELLITUS IN PUERPERIUM, CONTROLLED BY ORAL HYPOGLYCEMIC DRUGS	ICD10DX
024.439	GESTATIONAL DIABETES MELLITUS IN PUERPERIUM, UNSPECIFIED CONTROL	ICD10DX
024.811	OTHER PREEXISTING DIABETES MELLITUS IN PREGNANCY, FIRST TRIMESTER	ICD10DX
024.812	OTHER PREEXISTING DIABETES MELLITUS IN PREGNANCY, SECOND TRIMESTER	ICD10DX
024.813	OTHER PREEXISTING DIABETES MELLITUS IN PREGNANCY, THIRD TRIMESTER	ICD10DX
024.819	OTHER PREEXISTING DIABETES MELLITUS IN PREGNANCY, UNSPECIFIED TRIMESTER	ICD10DX
024.82	OTHER PREEXISTING DIABETES MELLITUS IN CHILDBIRTH	ICD10DX
024.83	OTHER PREEXISTING DIABETES MELLITUS IN PUERPERIUM	ICD10DX
024.911	UNSPECIFIED DIABETES MELLITUS IN PREGNANCY, FIRST TRIMESTER	ICD10DX
024.912	UNSPECIFIED DIABETES MELLITUS IN PREGNANCY, SECOND TRIMESTER	ICD10DX
024.913	UNSPECIFIED DIABETES MELLITUS IN PREGNANCY, THIRD TRIMESTER	ICD10DX
024.919	UNSPECIFIED DIABETES MELLITUS IN PREGNANCY, UNSPECIFIED TRIMESTER	ICD10DX
024.92	UNSPECIFIED DIABETES MELLITUS IN CHILDBIRTH	ICD10DX
024.93	UNSPECIFIED DIABETES MELLITUS IN PUERPERIUM	ICD10DX
099.810	ABNORMAL GLUCOSE COMPLICATING PREGNANCY	ICD10DX
099.814	ABNORMAL GLUCOSE COMPLICATING CHILDBIRTH	ICD10DX
099.815	ABNORMAL GLUCOSE COMPLICATING PUERPERIUM	ICD10DX
V12.21	PERSONAL HISTORY OF GESTATIONAL DIABETES	ICD9
Z86.32	PERSONAL HISTORY OF GESTATIONAL DIABETES	ICD10DX
641	PLACENTA PREVIA WITHOUT HEMORRHAGE	ICD9
641.0	PLACENTA PREVIA WITHOUT HEMORRHAGE	ICD9
641.00	PLACENTA PREVIA WITHOUT HEMORRHAGE, UNSPECIFIED AS TO EPISODE OF CARE OR NOT APPLICABLE	ICD9
641.01	PLACENTA PREVIA WITHOUT HEMORRHAGE, DELIVERED, WITH OR WITHOUT MENTION OF ANTEPARTUM CONDITION	ICD9
641.03	PLACENTA PREVIA WITHOUT HEMORRHAGE, ANTEPARTUM CONDITION OR COMPLICATION	ICD9
641.1	HEMORRHAGE FROM PLACENTA PREVIA	ICD9
641.10	HEMORRHAGE FROM PLACENTA PREVIA, UNSPECIFIED AS TO EPISODE OF CARE OR NOT APPLICABLE	ICD9
641.11	HEMORRHAGE FROM PLACENTA PREVIA, DELIVERED, WITH OR WITHOUT MENTION OF ANTEPARTUM CONDITION	ICD9
641.13	HEMORRHAGE FROM PLACENTA PREVIA, ANTEPARTUM CONDITION OR COMPLICATION	ICD9

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TABLE

**International Classification of Diseases, Ninth Revision, Clinical Modification and International Statistical Classification of Diseases, 10th Revision, Clinical Modification code comparisons of selected high-risk conditions** (continued)

Diagnosis code	Diagnosis description	ICD code type
641.2	PREMATURE SEPARATION OF PLACENTA	ICD9
641.20	PREMATURE SEPARATION OF PLACENTA, UNSPECIFIED AS TO EPISODE OF CARE OR NOT APPLICABLE	ICD9
641.21	PREMATURE SEPARATION OF PLACENTA, DELIVERED, WITH OR WITHOUT MENTION OF ANTEPARTUM CONDITION	ICD9
641.23	PREMATURE SEPARATION OF PLACENTA, ANTEPARTUM CONDITION OR COMPLICATION	ICD9
656.7	OTHER PLACENTAL CONDITIONS COMPLICATING PREGNANCY	ICD9
656.70	OTHER PLACENTAL CONDITIONS, AFFECTING MANAGEMENT OF MOTHER, UNSPECIFIED AS TO EPISODE OF CARE OR NOT APPLICABLE	ICD9
656.71	OTHER PLACENTAL CONDITIONS, AFFECTING MANAGEMENT OF MOTHER, DELIVERED, WITH OR WITHOUT MENTION OF ANTEPARTUM CONDITION	ICD9
656.73	OTHER PLACENTAL CONDITIONS, AFFECTING MANAGEMENT OF MOTHER, ANTEPARTUM CONDITION OR COMPLICATION	ICD9
656.8	OTHER SPECIFIED FETAL/PLACENTAL CONDITIONS COMPLICATING PREGNANCY	ICD9
656.80	OTHER SPECIFIED FETAL AND PLACENTAL PROBLEMS, AFFECTING MANAGEMENT OF MOTHER, UNSPECIFIED AS TO EPISODE OF CARE OR NOT APPLICABLE	ICD9
656.81	OTHER SPECIFIED FETAL AND PLACENTAL PROBLEMS, AFFECTING MANAGEMENT OF MOTHER, DELIVERED, WITH OR WITHOUT MENTION OF ANTEPARTUM CONDITION	ICD9
656.83	OTHER SPECIFIED FETAL AND PLACENTAL PROBLEMS, AFFECTING MANAGEMENT OF MOTHER, ANTEPARTUM CONDITION OR COMPLICATION	ICD9
656.9	UNSPECIFIED FETAL/PLACENTAL PROBLEM COMPLICATING PREGNANCY	ICD9
656.90	UNSPECIFIED FETAL AND PLACENTAL PROBLEM, AFFECTING MANAGEMENT OF MOTHER, UNSPECIFIED AS TO EPISODE OF CARE OR NOT APPLICABLE	ICD9
656.91	UNSPECIFIED FETAL AND PLACENTAL PROBLEM, AFFECTING MANAGEMENT OF MOTHER, DELIVERED, WITH OR WITHOUT MENTION OF ANTEPARTUM CONDITION	ICD9
656.93	UNSPECIFIED FETAL AND PLACENTAL PROBLEM, AFFECTING MANAGEMENT OF MOTHER, ANTEPARTUM CONDITION OR COMPLICATION	ICD9
667	RETAINED PLACENTA WITHOUT HEMORRHAGE	ICD9
667.0	RETAINED PLACENTA WITHOUT HEMORRHAGE	ICD9
667.00	RETAINED PLACENTA WITHOUT HEMORRHAGE, UNSPECIFIED AS TO EPISODE OF CARE OR NOT APPLICABLE	ICD9
667.02	RETAINED PLACENTA WITHOUT HEMORRHAGE, DELIVERED, WITH MENTION OF POSTPARTUM COMPLICATION	ICD9
667.04	RETAINED PLACENTA WITHOUT HEMORRHAGE, POSTPARTUM CONDITION OR COMPLICATION	ICD9
667.1	RETAINED PORTIONS PLACENTA/MEMBRANES WITHOUT HEMORRHAGE	ICD9
667.10	RETAINED PORTIONS OF PLACENTA OR MEMBRANES, WITHOUT HEMORRHAGE, UNSPECIFIED AS TO EPISODE OF CARE OR NOT APPLICABLE	ICD9
667.12	RETAINED PORTIONS OF PLACENTA OR MEMBRANES, WITHOUT HEMORRHAGE, DELIVERED, WITH MENTION OF POSTPARTUM COMPLICATION	ICD9
667.14	RETAINED PORTIONS OF PLACENTA OR MEMBRANES, WITHOUT HEMORRHAGE, POSTPARTUM CONDITION OR COMPLICATION	ICD9
674.4	PLACENTAL POLYP COMPLICATING PREGNANCY	ICD9
674.40	PLACENTAL POLYP, UNSPECIFIED AS TO EPISODE OF CARE OR NOT APPLICABLE	ICD9

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**TABLE**

**International Classification of Diseases, Ninth Revision, Clinical Modification and International Statistical Classification of Diseases, 10th Revision, Clinical Modification code comparisons of selected high-risk conditions** (continued)

Diagnosis code	Diagnosis description	ICD code type
674.42	PLACENTAL POLYP, DELIVERED, WITH MENTION OF POSTPARTUM COMPLICATION	ICD9
674.44	PLACENTAL POLYP, POSTPARTUM CONDITION OR COMPLICATION	ICD9
036.5110	MATERNAL CARE FOR KNOWN OR SUSPECTED PLACENTAL INSUFFICIENCY, FIRST TRIMESTER, NOT APPLICABLE OR UNSPECIFIED	ICD10DX
036.5111	MATERNAL CARE FOR KNOWN OR SUSPECTED PLACENTAL INSUFFICIENCY, FIRST TRIMESTER, FETUS 1	ICD10DX
036.5112	MATERNAL CARE FOR KNOWN OR SUSPECTED PLACENTAL INSUFFICIENCY, FIRST TRIMESTER, FETUS 2	ICD10DX
036.5113	MATERNAL CARE FOR KNOWN OR SUSPECTED PLACENTAL INSUFFICIENCY, FIRST TRIMESTER, FETUS 3	ICD10DX
036.5114	MATERNAL CARE FOR KNOWN OR SUSPECTED PLACENTAL INSUFFICIENCY, FIRST TRIMESTER, FETUS 4	ICD10DX
036.5115	MATERNAL CARE FOR KNOWN OR SUSPECTED PLACENTAL INSUFFICIENCY, FIRST TRIMESTER, FETUS 5	ICD10DX
036.5119	MATERNAL CARE FOR KNOWN OR SUSPECTED PLACENTAL INSUFFICIENCY, FIRST TRIMESTER, OTHER FETUS	ICD10DX
036.5120	MATERNAL CARE FOR KNOWN OR SUSPECTED PLACENTAL INSUFFICIENCY, SECOND TRIMESTER, NOT APPLICABLE OR UNSPECIFIED	ICD10DX
036.5121	MATERNAL CARE FOR KNOWN OR SUSPECTED PLACENTAL INSUFFICIENCY, SECOND TRIMESTER, FETUS 1	ICD10DX
036.5122	MATERNAL CARE FOR KNOWN OR SUSPECTED PLACENTAL INSUFFICIENCY, SECOND TRIMESTER, FETUS 2	ICD10DX
036.5123	MATERNAL CARE FOR KNOWN OR SUSPECTED PLACENTAL INSUFFICIENCY, SECOND TRIMESTER, FETUS 3	ICD10DX
036.5124	MATERNAL CARE FOR KNOWN OR SUSPECTED PLACENTAL INSUFFICIENCY, SECOND TRIMESTER, FETUS 4	ICD10DX
036.5125	MATERNAL CARE FOR KNOWN OR SUSPECTED PLACENTAL INSUFFICIENCY, SECOND TRIMESTER, FETUS 5	ICD10DX
036.5129	MATERNAL CARE FOR KNOWN OR SUSPECTED PLACENTAL INSUFFICIENCY, SECOND TRIMESTER, OTHER FETUS	ICD10DX
036.5130	MATERNAL CARE FOR KNOWN OR SUSPECTED PLACENTAL INSUFFICIENCY, THIRD TRIMESTER, NOT APPLICABLE OR UNSPECIFIED	ICD10DX
036.5131	MATERNAL CARE FOR KNOWN OR SUSPECTED PLACENTAL INSUFFICIENCY, THIRD TRIMESTER, FETUS 1	ICD10DX
036.5132	MATERNAL CARE FOR KNOWN OR SUSPECTED PLACENTAL INSUFFICIENCY, THIRD TRIMESTER, FETUS 2	ICD10DX
036.5133	MATERNAL CARE FOR KNOWN OR SUSPECTED PLACENTAL INSUFFICIENCY, THIRD TRIMESTER, FETUS 3	ICD10DX
036.5134	MATERNAL CARE FOR KNOWN OR SUSPECTED PLACENTAL INSUFFICIENCY, THIRD TRIMESTER, FETUS 4	ICD10DX
036.5135	MATERNAL CARE FOR KNOWN OR SUSPECTED PLACENTAL INSUFFICIENCY, THIRD TRIMESTER, FETUS 5	ICD10DX
036.5139	MATERNAL CARE FOR KNOWN OR SUSPECTED PLACENTAL INSUFFICIENCY, THIRD TRIMESTER, OTHER FETUS	ICD10DX

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TABLE

**International Classification of Diseases, Ninth Revision, Clinical Modification and International Statistical Classification of Diseases, 10th Revision, Clinical Modification code comparisons of selected high-risk conditions** (continued)

Diagnosis code	Diagnosis description	ICD code type
036.5190	MATERNAL CARE FOR KNOWN OR SUSPECTED PLACENTAL INSUFFICIENCY, UNSPECIFIED TRIMESTER, NOT APPLICABLE OR UNSPECIFIED	ICD10DX
036.5191	MATERNAL CARE FOR KNOWN OR SUSPECTED PLACENTAL INSUFFICIENCY, UNSPECIFIED TRIMESTER, FETUS 1	ICD10DX
036.5192	MATERNAL CARE FOR KNOWN OR SUSPECTED PLACENTAL INSUFFICIENCY, UNSPECIFIED TRIMESTER, FETUS 2	ICD10DX
036.5193	MATERNAL CARE FOR KNOWN OR SUSPECTED PLACENTAL INSUFFICIENCY, UNSPECIFIED TRIMESTER, FETUS 3	ICD10DX
036.5194	MATERNAL CARE FOR KNOWN OR SUSPECTED PLACENTAL INSUFFICIENCY, UNSPECIFIED TRIMESTER, FETUS 4	ICD10DX
036.5195	MATERNAL CARE FOR KNOWN OR SUSPECTED PLACENTAL INSUFFICIENCY, UNSPECIFIED TRIMESTER, FETUS 5	ICD10DX
036.5199	MATERNAL CARE FOR KNOWN OR SUSPECTED PLACENTAL INSUFFICIENCY, UNSPECIFIED TRIMESTER, OTHER FETUS	ICD10DX
043.101	MALFORMATION OF PLACENTA, UNSPECIFIED, FIRST TRIMESTER	ICD10DX
043.102	MALFORMATION OF PLACENTA, UNSPECIFIED, SECOND TRIMESTER	ICD10DX
043.103	MALFORMATION OF PLACENTA, UNSPECIFIED, THIRD TRIMESTER	ICD10DX
043.109	MALFORMATION OF PLACENTA, UNSPECIFIED, UNSPECIFIED TRIMESTER	ICD10DX
043.111	CIRCUMVALLATE PLACENTA, FIRST TRIMESTER	ICD10DX
043.112	CIRCUMVALLATE PLACENTA, SECOND TRIMESTER	ICD10DX
043.113	CIRCUMVALLATE PLACENTA, THIRD TRIMESTER	ICD10DX
043.119	CIRCUMVALLATE PLACENTA, UNSPECIFIED TRIMESTER	ICD10DX
043.121	VELAMENTOUS INSERTION OF UMBILICAL CORD, FIRST TRIMESTER	ICD10DX
043.122	VELAMENTOUS INSERTION OF UMBILICAL CORD, SECOND TRIMESTER	ICD10DX
043.123	VELAMENTOUS INSERTION OF UMBILICAL CORD, THIRD TRIMESTER	ICD10DX
043.129	VELAMENTOUS INSERTION OF UMBILICAL CORD, UNSPECIFIED TRIMESTER	ICD10DX
043.191	OTHER MALFORMATION OF PLACENTA, FIRST TRIMESTER	ICD10DX
043.192	OTHER MALFORMATION OF PLACENTA, SECOND TRIMESTER	ICD10DX
043.193	OTHER MALFORMATION OF PLACENTA, THIRD TRIMESTER	ICD10DX
043.199	OTHER MALFORMATION OF PLACENTA, UNSPECIFIED TRIMESTER	ICD10DX
043.211	PLACENTA ACCRETA, FIRST TRIMESTER	ICD10DX
043.212	PLACENTA ACCRETA, SECOND TRIMESTER	ICD10DX
043.213	PLACENTA ACCRETA, THIRD TRIMESTER	ICD10DX
043.219	PLACENTA ACCRETA, UNSPECIFIED TRIMESTER	ICD10DX
043.221	PLACENTA INCRETA, FIRST TRIMESTER	ICD10DX
043.222	PLACENTA INCRETA, SECOND TRIMESTER	ICD10DX
043.223	PLACENTA INCRETA, THIRD TRIMESTER	ICD10DX
043.229	PLACENTA INCRETA, UNSPECIFIED TRIMESTER	ICD10DX
043.231	PLACENTA PERCRETA, FIRST TRIMESTER	ICD10DX
043.232	PLACENTA PERCRETA, SECOND TRIMESTER	ICD10DX

SMFM. Coding update for cesarean delivery from ICD-9-CM to ICD-10-CM. Am J Obstet Gynecol 2017.

(continued)

TABLE

**International Classification of Diseases, Ninth Revision, Clinical Modification and International Statistical Classification of Diseases, 10th Revision, Clinical Modification code comparisons of selected high-risk conditions** (continued)

Diagnosis code	Diagnosis description	ICD code type
043.233	PLACENTA PERCRETA, THIRD TRIMESTER	ICD10DX
043.239	PLACENTA PERCRETA, UNSPECIFIED TRIMESTER	ICD10DX
043.811	PLACENTAL INFARCTION, FIRST TRIMESTER	ICD10DX
043.812	PLACENTAL INFARCTION, SECOND TRIMESTER	ICD10DX
043.813	PLACENTAL INFARCTION, THIRD TRIMESTER	ICD10DX
043.819	PLACENTAL INFARCTION, UNSPECIFIED TRIMESTER	ICD10DX
043.891	OTHER PLACENTAL DISORDERS, FIRST TRIMESTER	ICD10DX
043.892	OTHER PLACENTAL DISORDERS, SECOND TRIMESTER	ICD10DX
043.893	OTHER PLACENTAL DISORDERS, THIRD TRIMESTER	ICD10DX
043.899	OTHER PLACENTAL DISORDERS, UNSPECIFIED TRIMESTER	ICD10DX
043.90	UNSPECIFIED PLACENTAL DISORDER, UNSPECIFIED TRIMESTER	ICD10DX
043.91	UNSPECIFIED PLACENTAL DISORDER, FIRST TRIMESTER	ICD10DX
043.92	UNSPECIFIED PLACENTAL DISORDER, SECOND TRIMESTER	ICD10DX
043.93	UNSPECIFIED PLACENTAL DISORDER, THIRD TRIMESTER	ICD10DX
044.00	COMPLETE PLACENTA PREVIA NOS OR WITHOUT HEMORRHAGE, UNSPECIFIED TRIMESTER	ICD10DX
044.01	COMPLETE PLACENTA PREVIA NOS OR WITHOUT HEMORRHAGE, FIRST TRIMESTER	ICD10DX
044.02	COMPLETE PLACENTA PREVIA NOS OR WITHOUT HEMORRHAGE, SECOND TRIMESTER	ICD10DX
044.03	COMPLETE PLACENTA PREVIA NOS OR WITHOUT HEMORRHAGE, THIRD TRIMESTER	ICD10DX
044.10	COMPLETE PLACENTA PREVIA WITH HEMORRHAGE, UNSPECIFIED TRIMESTER	ICD10DX
044.11	COMPLETE PLACENTA PREVIA WITH HEMORRHAGE, FIRST TRIMESTER	ICD10DX
044.12	COMPLETE PLACENTA PREVIA WITH HEMORRHAGE, SECOND TRIMESTER	ICD10DX
044.13	COMPLETE PLACENTA PREVIA WITH HEMORRHAGE, THIRD TRIMESTER	ICD10DX
044.20	PARTIAL PLACENTA PREVIA NOS OR WITHOUT HEMORRHAGE, UNSPECIFIED TRIMESTER	ICD10DX
044.21	PARTIAL PLACENTA PREVIA NOS OR WITHOUT HEMORRHAGE, FIRST TRIMESTER	ICD10DX
044.22	PARTIAL PLACENTA PREVIA NOS OR WITHOUT HEMORRHAGE, SECOND TRIMESTER	ICD10DX
044.23	PARTIAL PLACENTA PREVIA NOS OR WITHOUT HEMORRHAGE, THIRD TRIMESTER	ICD10DX
044.30	PARTIAL PLACENTA PREVIA WITH HEMORRHAGE, UNSPECIFIED TRIMESTER	ICD10DX
044.31	PARTIAL PLACENTA PREVIA WITH HEMORRHAGE, FIRST TRIMESTER	ICD10DX
044.32	PARTIAL PLACENTA PREVIA WITH HEMORRHAGE, SECOND TRIMESTER	ICD10DX
044.33	PARTIAL PLACENTA PREVIA WITH HEMORRHAGE, THIRD TRIMESTER	ICD10DX
044.40	LOW LYING PLACENTA NOS OR WITHOUT HEMORRHAGE, UNSPECIFIED TRIMESTER	ICD10DX
044.41	LOW LYING PLACENTA NOS OR WITHOUT HEMORRHAGE, FIRST TRIMESTER	ICD10DX
044.42	LOW LYING PLACENTA NOS OR WITHOUT HEMORRHAGE, SECOND TRIMESTER	ICD10DX
044.43	LOW LYING PLACENTA NOS OR WITHOUT HEMORRHAGE, THIRD TRIMESTER	ICD10DX
044.50	LOW LYING PLACENTA WITH HEMORRHAGE, UNSPECIFIED TRIMESTER	ICD10DX
044.51	LOW LYING PLACENTA WITH HEMORRHAGE, FIRST TRIMESTER	ICD10DX
044.52	LOW LYING PLACENTA WITH HEMORRHAGE, SECOND TRIMESTER	ICD10DX
044.53	LOW LYING PLACENTA WITH HEMORRHAGE, THIRD TRIMESTER	ICD10DX

SMFM. Coding update for cesarean delivery from ICD-9-CM to ICD-10-CM. Am J Obstet Gynecol 2017.

(continued)



TABLE

**International Classification of Diseases, Ninth Revision, Clinical Modification and International Statistical Classification of Diseases, 10th Revision, Clinical Modification code comparisons of selected high-risk conditions** (continued)

Diagnosis code	Diagnosis description	ICD code type
045.001	PREMATURE SEPARATION OF PLACENTA WITH COAGULATION DEFECT, UNSPECIFIED, FIRST TRIMESTER	ICD10DX
045.002	PREMATURE SEPARATION OF PLACENTA WITH COAGULATION DEFECT, UNSPECIFIED, SECOND TRIMESTER	ICD10DX
045.003	PREMATURE SEPARATION OF PLACENTA WITH COAGULATION DEFECT, UNSPECIFIED, THIRD TRIMESTER	ICD10DX
045.009	PREMATURE SEPARATION OF PLACENTA WITH COAGULATION DEFECT, UNSPECIFIED, UNSPECIFIED TRIMESTER	ICD10DX
045.011	PREMATURE SEPARATION OF PLACENTA WITH AFIBRINOGENEMIA, FIRST TRIMESTER	ICD10DX
045.012	PREMATURE SEPARATION OF PLACENTA WITH AFIBRINOGENEMIA, SECOND TRIMESTER	ICD10DX
045.013	PREMATURE SEPARATION OF PLACENTA WITH AFIBRINOGENEMIA, THIRD TRIMESTER	ICD10DX
045.019	PREMATURE SEPARATION OF PLACENTA WITH AFIBRINOGENEMIA, UNSPECIFIED TRIMESTER	ICD10DX
045.021	PREMATURE SEPARATION OF PLACENTA WITH DISSEMINATED INTRAVASCULAR COAGULATION, FIRST TRIMESTER	ICD10DX
045.022	PREMATURE SEPARATION OF PLACENTA WITH DISSEMINATED INTRAVASCULAR COAGULATION, SECOND TRIMESTER	ICD10DX
045.023	PREMATURE SEPARATION OF PLACENTA WITH DISSEMINATED INTRAVASCULAR COAGULATION, THIRD TRIMESTER	ICD10DX
045.029	PREMATURE SEPARATION OF PLACENTA WITH DISSEMINATED INTRAVASCULAR COAGULATION, UNSPECIFIED TRIMESTER	ICD10DX
045.091	PREMATURE SEPARATION OF PLACENTA WITH OTHER COAGULATION DEFECT, FIRST TRIMESTER	ICD10DX
045.092	PREMATURE SEPARATION OF PLACENTA WITH OTHER COAGULATION DEFECT, SECOND TRIMESTER	ICD10DX
045.093	PREMATURE SEPARATION OF PLACENTA WITH OTHER COAGULATION DEFECT, THIRD TRIMESTER	ICD10DX
045.099	PREMATURE SEPARATION OF PLACENTA WITH OTHER COAGULATION DEFECT, UNSPECIFIED TRIMESTER	ICD10DX
045.8X1	OTHER PREMATURE SEPARATION OF PLACENTA, FIRST TRIMESTER	ICD10DX
045.8X2	OTHER PREMATURE SEPARATION OF PLACENTA, SECOND TRIMESTER	ICD10DX
045.8X3	OTHER PREMATURE SEPARATION OF PLACENTA, THIRD TRIMESTER	ICD10DX
045.8X9	OTHER PREMATURE SEPARATION OF PLACENTA, UNSPECIFIED TRIMESTER	ICD10DX
045.90	PREMATURE SEPARATION OF PLACENTA, UNSPECIFIED, UNSPECIFIED TRIMESTER	ICD10DX
045.91	PREMATURE SEPARATION OF PLACENTA, UNSPECIFIED, FIRST TRIMESTER	ICD10DX
045.92	PREMATURE SEPARATION OF PLACENTA, UNSPECIFIED, SECOND TRIMESTER	ICD10DX
045.93	PREMATURE SEPARATION OF PLACENTA, UNSPECIFIED, THIRD TRIMESTER	ICD10DX
073.0	RETAINED PLACENTA WITHOUT HEMORRHAGE	ICD10DX
073.1	RETAINED PORTIONS OF PLACENTA AND MEMBRANES, WITHOUT HEMORRHAGE	ICD10DX

In *International Classification of Diseases, Ninth Revision, Clinical Modification*, diabetes mellitus (DM) complicating pregnancy, childbirth, or puerperium is reported with 648.0x, and gestational diabetes is reported with 648.8x (abnormal glucose tolerance). Each requires fifth digit of 0–4 for episode of care (eg, antepartum care, delivery care, and postpartum care, and unspecified episode of care). In *International Statistical Classification of Diseases, 10th Revision, Clinical Modification*, DM in pregnancy, childbirth, and puerperium, category O24, is divided into 6 subcategories, each with further subclassified codes. Six subcategories specify preexisting DM, type 1; preexisting DM, type 2; unspecified preexisting DM; gestational DM; other preexisting DM; and unspecified DM. Each of these subcategories provides codes specifying trimester of pregnancy, in childbirth, and in puerperium.

ICD, *International Classification of Diseases*.

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cord prolapse). Subjective codes (eg, conduct of labor disorders) were not included to retain codes that should not be part of the definition of patient risk.

In the mapping of the definition of low risk for cesarean delivery from *ICD-9-CM* to *ICD-10-CM*, we first reviewed the *ICD-10-CM* codes that mapped to the high-risk codes from the *ICD-9-CM*-based SMFM definition and removed any *ICD-10-CM* code that did not meet the classification principles described above. *ICD-10-CM* codes disqualified at this step included, for example, the code describing “a term delivery with preterm labor, unspecified” (O60.20X0) that was mapped from the *ICD-9-CM* codes of “early onset of delivery” (644.20 and 644.21) and the *ICD-10-CM* code for “maternal care for other presentation of fetus” (O32.8XX0) that was mapped from the *ICD-9-CM* code of “prolapsed arm of fetus, delivered” (652.71). The *ICD-10-CM* codes given in this example were retained in the definition of low risk for cesarean delivery.

Next, the entire maternity diagnosis code range O00-O9A of chapter 15 of *ICD-10-CM* (Pregnancy, Childbirth, and the Puerperium) was systematically reviewed to identify codes not mapped by the GEMs and classified as risk factors for cesarean delivery using the principles described above.<sup>6</sup> Additionally, Z codes indicating premature birth up to and including 36 weeks of gestation (Z3A.09-Z3A.37) were excluded from the definition of low risk. Finally, Z codes describing factors that influence health status in the range of Z21-Z87.74 were systematically reviewed and classified.

All the *ICD-10-CM* codes identified in these steps were considered to represent high risk for cesarean delivery and excluded from the SMFM definition of low risk for cesarean delivery. The final *ICD-10-CM* and *ICD-9-CM* code set is found in the [Supplementary Table](#). Code review for both the *ICD-9-CM*- and the *ICD-10-CM*-based definitions and classification was performed independently by 2 authors (S.K.S. and J.A.) and reviewed and approved by both the SMFM Coding Committee and the SMFM Health Policy and Advocacy Committee.

### Limitations of the proposed code conversion set

Although the conversion from *ICD-9-CM* to *ICD-10-CM* provides important enhancements to the specificity of clinical coding, the proposed code set to define low risk for cesarean delivery still has limitations. It cannot delineate every clinical scenario supporting cesarean delivery, such as the additive effect of multiple risk factors that individually may not be sufficient to be considered high risk for cesarean delivery. The classification of risk factors change as literature and practice guidelines evolve. Additionally, the flexibility of *ICD-10-CM* architecture to accept new codes will require periodic review of the coding and possible modification of the coding that delineates the definition.

When using the SMFM definition of low risk for cesarean delivery to characterize hospital or physician practice, some cautions should apply. Administrative data may be

miscoded, resulting in inaccurate capture of risk factors or misclassification of complications or comorbidities relevant to clinical decision making. Note that while this misclassification has been described,<sup>15</sup> there are also data supporting coding accuracy as compared to chart-abstracted data for selected obstetrical conditions, including induction of labor.<sup>16</sup> It is not known if the added complexity of *ICD-10-CM* compared with *ICD-9-CM* will meaningfully increase the rate of data coding and classification errors. Although bias resulting from coding misclassifications could be minimized with supplemental risk adjustment using linked hospital records, it would require added administrative work and cost. The simplicity of using administrative data alone and a code-based measure cannot be overstated.

Finally, due to recent implementation of *ICD-10-CM* coding and the lack of an available data set, we were unable to compare the performance of this *ICD-10-CM*-based SMFM definition to the *ICD-9-CM*-based SMFM definition or to the AHRQ or Joint Commission measures. However, we previously compared the performance of the *ICD-9-CM*-coded SMFM measures to the Joint Commission and AHRQ definitions in a 2011 nationally representative sample of >863,000 deliveries. We found that overall, across all hospitals, the low-risk cesarean delivery rate was lowest for the SMFM definition but not substantially different from the Joint Commission and AHRQ measures.<sup>1</sup> We would expect a similar finding in an *ICD-10-CM*-coded database when one becomes available. Of note, the previous analysis compared the performance of the 3 definitions at a population level, and as such may have missed differences between the definitions at the hospital level depending on the prevalence of high-risk conditions at the particular hospital or practice setting.

Despite these limitations, we believe that the SMFM definition of low risk for cesarean delivery updated in the *ICD-10-CM* codes provides a clinically valid and easy-to-use measure to support quality improvement efforts and health services research. It is important to keep in mind that these rates are best used to evaluate temporal trends within a practice or hospital obstetrical service, rather than to compare hospitals. Differences in coding between hospitals may be a limitation when using administrative data, a limitation that is minimized when the rate is used within the same health care setting. Conversely, one benefit of using administrative data to evaluate quality is that it may lead to increased attention to coding accuracy.

Some advocate for use of the NTSV cesarean rate as a quality measure in pregnancy.<sup>17,18</sup> Although the NTSV rate is conceptually simpler to use, it does not account for clinical conditions where cesarean delivery is medically indicated in both nulliparous and multiparous women and may unfairly disadvantage practices or centers that manage high-risk cases with diagnoses excluded by the SMFM rate. We believe that the SMFM rate would be more appropriate than the NTSV rate in these situations. Another argument made by those who favor the NTSV rate is that it focuses on

nulliparous women who represent the majority of women undergoing nonscheduled cesarean deliveries. This argument does not diminish the value of the SMFM rate definition, because it can be selectively applied to nulliparous women only (by using the *ICD-10-CM* codes O09.511-O09.513 and O09.611-O09.613), multiparous women only, or both.

## Conclusion

We have updated the SMFM low-risk cesarean delivery rate definition from *ICD-9-CM* to *ICD-10-CM*. The increased clinical specificity of *ICD-10-CM* coding further enhances the face validity of the definition compared with both the SMFM *ICD-9-CM*-coded version and other available measures. This greater precision should further enable the identification of modifiable variation in the cesarean delivery rates to effectively and safely lower them. ■

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## SUPPLEMENTARY TABLE

## ICD-9-CM and ICD-10-CM codes indicating medical exclusion conditions for low risk for cesarean rate calculations

ICD Diagnosis Code	ICD Diagnosis Code Short Description	Risk Factor Classification	ICD code type
<b>Maternal Factors</b>			
042	HUMAN IMMUNODEFICIENCY VIRUS (HIV) DISEASE	Maternal Factors	ICD9
B20	HUMAN IMMUNODEFICIENCY VIRUS [HIV] DISEASE	Maternal Factors	ICD10
098.711	HUMAN IMMUNODEFICIENCY VIRUS HIV DISEASE COMPLICATING PREGNANCY, FIRST TRIMESTER	Maternal Factors	ICD10
098.712	HUMAN IMMUNODEFICIENCY VIRUS HIV DISEASE COMPLICATING PREGNANCY, SECOND TRIMESTER	Maternal Factors	ICD10
098.713	HUMAN IMMUNODEFICIENCY VIRUS HIV DISEASE COMPLICATING PREGNANCY, THIRD TRIMESTER	Maternal Factors	ICD10
098.719	HUMAN IMMUNODEFICIENCY VIRUS HIV DISEASE COMPLICATING PREGNANCY, UNSPECIFIED TRIMESTER	Maternal Factors	ICD10
098.72	HUMAN IMMUNODEFICIENCY VIRUS HIV DISEASE COMPLICATING CHILDBIRTH	Maternal Factors	ICD10
098.73	HUMAN IMMUNODEFICIENCY VIRUS HIV DISEASE COMPLICATING THE PUERPERIUM	Maternal Factors	ICD10
V08	ASYMPTOMATIC HUMAN IMMUNODEFICIENCY VIRUS (HIV) INFECTION STATUS	Maternal Factors	ICD9
Z21	ASYMPTOMATIC HUMAN IMMUNODEFICIENCY VIRUS [HIV] INFECTION STATUS	Maternal Factors	ICD10
642.60	ECLAMPSIA, UNSPECIFIED AS TO EPISODE OF CARE OR NOT APPLICABLE	Maternal Factors	ICD9
015.00	ECLAMPSIA IN PREGNANCY, UNSPECIFIED TRIMESTER	Maternal Factors	ICD10
015.9	ECLAMPSIA, UNSPECIFIED AS TO TIME PERIOD	Maternal Factors	ICD10
642.61	ECLAMPSIA, DELIVERED, WITH OR WITHOUT MENTION OF ANTEPARTUM CONDITION	Maternal Factors	ICD9
015.02	ECLAMPSIA IN PREGNANCY, SECOND TRIMESTER	Maternal Factors	ICD10
015.03	ECLAMPSIA IN PREGNANCY, THIRD TRIMESTER	Maternal Factors	ICD10
015.1	ECLAMPSIA IN LABOR	Maternal Factors	ICD10
642.62	ECLAMPSIA, DELIVERED, WITH MENTION OF POSTPARTUM COMPLICATION	Maternal Factors	ICD9
642.63	ECLAMPSIA, ANTEPARTUM CONDITION OR COMPLICATION	Maternal Factors	ICD9
015.2	ECLAMPSIA IN THE PUERPERIUM	Maternal Factors	ICD10
014.20	HELLP SYNDROME (HELLP), UNSPECIFIED TRIMESTER	Maternal Factors	ICD10
014.22	HELLP SYNDROME (HELLP), SECOND TRIMESTER	Maternal Factors	ICD10
014.23	HELLP SYNDROME (HELLP), THIRD TRIMESTER	Maternal Factors	ICD10
014.24	HELLP SYNDROME (HELLP), COMPLICATING CHILDBIRTH	Maternal Factors	ICD10
648.51	CONGENITAL CARDIOVASCULAR DISORDERS OF MOTHER, DELIVERED, WITH OR WITHOUT MENTION OF ANTEPARTUM CONDITION	Maternal Factors	ICD9
648.52	CONGENITAL CARDIOVASCULAR DISORDERS OF MOTHER, DELIVERED, WITH MENTION OF POSTPARTUM COMPLICATION	Maternal Factors	ICD9

SMFM. Coding update for cesarean delivery from ICD-9-CM to ICD-10-CM. Am J Obstet Gynecol 2017.

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## SUPPLEMENTARY TABLE

**ICD-9-CM and ICD-10-CM codes indicating medical exclusion conditions for low risk for cesarean rate calculations** (continued)

ICD Diagnosis Code	ICD Diagnosis Code Short Description	Risk Factor Classification	ICD code type
648.53	CONGENITAL CARDIOVASCULAR DISORDERS OF MOTHER, ANTEPARTUM CONDITION OR COMPLICATION	Maternal Factors	ICD9
648.54	CONGENITAL CARDIOVASCULAR DISORDERS OF MOTHER, POSTPARTUM CONDITION OR COMPLICATION	Maternal Factors	ICD9
648.60	OTHER CARDIOVASCULAR DISEASES OF MOTHER , UNSPECIFIED AS TO EPISODE OF CARE OR NOT APPLICABLE	Maternal Factors	ICD9
648.61	OTHER CARDIOVASCULAR DISEASES OF MOTHER, DELIVERED, WITH OR WITHOUT MENTION OF ANTEPARTUM CONDITION	Maternal Factors	ICD9
648.62	OTHER CARDIOVASCULAR DISEASES OF MOTHER, DELIVERED, WITH MENTION OF POSTPARTUM COMPLICATION	Maternal Factors	ICD9
648.63	OTHER CARDIOVASCULAR DISEASES OF MOTHER, ANTEPARTUM CONDITION OR COMPLICATION	Maternal Factors	ICD9
648.64	OTHER CARDIOVASCULAR DISEASES OF MOTHER, POSTPARTUM CONDITION OR COMPLICATION	Maternal Factors	ICD9
099.411	DISEASES OF THE CIRCULATORY SYSTEM COMPLICATING PREGNANCY, FIRST TRIMESTER	Maternal Factors	ICD10
099.412	DISEASES OF THE CIRCULATORY SYSTEM COMPLICATING PREGNANCY, SECOND TRIMESTER	Maternal Factors	ICD10
099.413	DISEASES OF THE CIRCULATORY SYSTEM COMPLICATING PREGNANCY, THIRD TRIMESTER	Maternal Factors	ICD10
099.42	DISEASES OF THE CIRCULATORY SYSTEM COMPLICATING CHILDBIRTH	Maternal Factors	ICD10
Z87.74	PERSONAL HISTORY OF CONGENITAL MALFORM OF HEART AND CIRC SYS	Maternal Factors	ICD10
099.43	DISEASES OF THE CIRCULATORY SYSTEM COMPLICATING THE PUERPERIUM	Maternal Factors	ICD10
099.419	DISEASES OF THE CIRCULATORY SYSTEM COMPLICATING PREGNANCY, UNSPECIFIED TRIMESTER	Maternal Factors	ICD10
010.22	PRE-EXISTING HYP CHRONIC KIDNEY DISEASE COMP CHILDBIRTH	Maternal Factors	ICD10
010.32	PRE-EXIST HYP HEART AND CHRONIC KIDNEY DISEASE COMP CHILDBRTH	Maternal Factors	ICD10
022.50	CEREBRAL VENOUS THROMBOSIS IN PREGNANCY, UNSP TRIMESTER	Maternal Factors	ICD10
022.51	CEREBRAL VENOUS THROMBOSIS IN PREGNANCY, FIRST TRIMESTER	Maternal Factors	ICD10
022.52	CEREBRAL VENOUS THROMBOSIS IN PREGNANCY, SECOND TRIMESTER	Maternal Factors	ICD10
022.53	CEREBRAL VENOUS THROMBOSIS IN PREGNANCY, THIRD TRIMESTER	Maternal Factors	ICD10
<b>Preterm Birth</b>			
644.20	EARLY ONSET OF DELIVERY, UNSPECIFIED AS TO EPISODE OF CARE OR NOT APPLICABLE	Preterm Birth	ICD9

SMFM. Coding update for cesarean delivery from ICD-9-CM to ICD-10-CM. Am J Obstet Gynecol 2017.

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## SUPPLEMENTARY TABLE

**ICD-9-CM and ICD-10-CM codes indicating medical exclusion conditions for low risk for cesarean rate calculations** *(continued)*

ICD Diagnosis Code	ICD Diagnosis Code Short Description	Risk Factor Classification	ICD code type
060.10X0	PRETERM LABOR WITH PRETERM DELIVERY, UNSPECIFIED TRIMESTER, NOT APPLICABLE OR UNSPECIFIED	Preterm Birth	ICD10
644.21	EARLY ONSET OF DELIVERY, DELIVERED, WITH OR WITHOUT MENTION OF ANTEPARTUM CONDITION	Preterm Birth	ICD9
060.12X0	PRETERM LABOR SECOND TRIMESTER WITH PRETERM DELIVERY SECOND TRIMESTER, NOT APPLICABLE OR UNSPECIFIED	Preterm Birth	ICD10
060.13X0	PRETERM LABOR SECOND TRIMESTER WITH PRETERM DELIVERY THIRD TRIMESTER, NOT APPLICABLE OR UNSPECIFIED	Preterm Birth	ICD10
060.14X0	PRETERM LABOR THIRD TRIMESTER WITH PRETERM DELIVERY THIRD TRIMESTER, NOT APPLICABLE OR UNSPECIFIED	Preterm Birth	ICD10
Z3A.08	8 WEEKS GESTATION OF PREGNANCY	Preterm Birth	ICD10
Z3A.09	9 WEEKS GESTATION OF PREGNANCY	Preterm Birth	ICD10
Z3A.10	10 WEEKS GESTATION OF PREGNANCY	Preterm Birth	ICD10
Z3A.11	11 WEEKS GESTATION OF PREGNANCY	Preterm Birth	ICD10
Z3A.12	12 WEEKS GESTATION OF PREGNANCY	Preterm Birth	ICD10
Z3A.13	13 WEEKS GESTATION OF PREGNANCY	Preterm Birth	ICD10
Z3A.14	14 WEEKS GESTATION OF PREGNANCY	Preterm Birth	ICD10
Z3A.15	15 WEEKS GESTATION OF PREGNANCY	Preterm Birth	ICD10
Z3A.16	16 WEEKS GESTATION OF PREGNANCY	Preterm Birth	ICD10
Z3A.17	17 WEEKS GESTATION OF PREGNANCY	Preterm Birth	ICD10
Z3A.18	18 WEEKS GESTATION OF PREGNANCY	Preterm Birth	ICD10
Z3A.19	19 WEEKS GESTATION OF PREGNANCY	Preterm Birth	ICD10
Z3A.20	20 WEEKS GESTATION OF PREGNANCY	Preterm Birth	ICD10
Z3A.21	21 WEEKS GESTATION OF PREGNANCY	Preterm Birth	ICD10
Z3A.22	22 WEEKS GESTATION OF PREGNANCY	Preterm Birth	ICD10
Z3A.23	23 WEEKS GESTATION OF PREGNANCY	Preterm Birth	ICD10
Z3A.24	24 WEEKS GESTATION OF PREGNANCY	Preterm Birth	ICD10
Z3A.25	25 WEEKS GESTATION OF PREGNANCY	Preterm Birth	ICD10
Z3A.26	26 WEEKS GESTATION OF PREGNANCY	Preterm Birth	ICD10
Z3A.27	27 WEEKS GESTATION OF PREGNANCY	Preterm Birth	ICD10
Z3A.28	28 WEEKS GESTATION OF PREGNANCY	Preterm Birth	ICD10
Z3A.29	29 WEEKS GESTATION OF PREGNANCY	Preterm Birth	ICD10
Z3A.30	30 WEEKS GESTATION OF PREGNANCY	Preterm Birth	ICD10
Z3A.31	31 WEEKS GESTATION OF PREGNANCY	Preterm Birth	ICD10
Z3A.32	32 WEEKS GESTATION OF PREGNANCY	Preterm Birth	ICD10
Z3A.33	33 WEEKS GESTATION OF PREGNANCY	Preterm Birth	ICD10
Z3A.34	34 WEEKS GESTATION OF PREGNANCY	Preterm Birth	ICD10

SMFM. Coding update for cesarean delivery from ICD-9-CM to ICD-10-CM. Am J Obstet Gynecol 2017.

*(continued)*



## SUPPLEMENTARY TABLE

## ICD-9-CM and ICD-10-CM codes indicating medical exclusion conditions for low risk for cesarean rate calculations (continued)

ICD Diagnosis Code	ICD Diagnosis Code Short Description	Risk Factor Classification	ICD code type
Z3A.35	35 WEEKS GESTATION OF PREGNANCY	Preterm Birth	ICD10
Z3A.36	36 WEEKS GESTATION OF PREGNANCY	Preterm Birth	ICD10
<b>Stillborn</b>			
646.00	PAPYRACEOUS FETUS, UNSPECIFIED AS TO EPISODE OF CARE OR NOT APPLICABLE	Stillborn	ICD9
646.01	PAPYRACEOUS FETUS, DELIVERED, WITH OR WITHOUT MENTION OF ANTEPARTUM CONDITION	Stillborn	ICD9
646.03	PAPYRACEOUS FETUS, ANTEPARTUM CONDITION OR COMPLICATION	Stillborn	ICD9
031.00X0	PAPYRACEOUS FETUS, UNSPECIFIED TRIMESTER, NOT APPLICABLE OR UNSPECIFIED	Stillborn	ICD10
031.01X0	PAPYRACEOUS FETUS, FIRST TRIMESTER, NOT APPLICABLE OR UNSPECIFIED	Stillborn	ICD10
031.02X0	PAPYRACEOUS FETUS, SECOND TRIMESTER, NOT APPLICABLE OR UNSPECIFIED	Stillborn	ICD10
031.03X0	PAPYRACEOUS FETUS, THIRD TRIMESTER, NOT APPLICABLE OR UNSPECIFIED	Stillborn	ICD10
656.40	INTRAUTERINE DEATH, AFFECTING MANAGEMENT OF MOTHER, UNSPECIFIED AS TO EPISODE OF CARE OR NOT APPLICABLE	Stillborn	ICD9
656.41	INTRAUTERINE DEATH, AFFECTING MANAGEMENT OF MOTHER, DELIVERED, WITH OR WITHOUT MENTION OF ANTEPARTUM CONDITION	Stillborn	ICD9
656.43	INTRAUTERINE DEATH, AFFECTING MANAGEMENT OF MOTHER, ANTEPARTUM CONDITION OR COMPLICATION	Stillborn	ICD9
036.4XX0	MATERNAL CARE FOR INTRAUTERINE DEATH, NOT APPLICABLE OR UNSPECIFIED	Stillborn	ICD10
V27.1	OUTCOME OF DELIVERY, SINGLE STILLBORN	Stillborn	ICD9
V27.3	OUTCOME OF DELIVERY, TWINS, ONE LIVEBORN AND ONE STILLBORN	Stillborn	ICD9
V27.4	OUTCOME OF DELIVERY, TWINS, BOTH STILLBORN	Stillborn	ICD9
V27.7	OUTCOME OF DELIVERY, OTHER MULTIPLE BIRTH, ALL STILLBORN	Stillborn	ICD9
Z37.1	SINGLE STILLBIRTH	Stillborn	ICD10
Z37.3	TWINS, ONE LIVEBORN AND ONE STILLBORN	Stillborn	ICD10
Z37.4	TWINS, BOTH STILLBORN	Stillborn	ICD10
Z37.7	OTHER MULTIPLE BIRTHS, ALL STILLBORN	Stillborn	ICD10
<b>Malpresentation</b>			
652.21	BREECH PRESENTATION WITHOUT MENTION OF VERSION, DELIVERED, WITH OR WITHOUT MENTION OF ANTEPARTUM CONDITION	Malpresentation	ICD9
669.60	BREECH EXTRACTION, WITHOUT MENTION OF INDICATION, UNSPECIFIED AS TO EPISODE OF CARE OR NOT APPLICABLE	Malpresentation	ICD9

SMFM. Coding update for cesarean delivery from ICD-9-CM to ICD-10-CM. Am J Obstet Gynecol 2017.

(continued)

## SUPPLEMENTARY TABLE

## ICD-9-CM and ICD-10-CM codes indicating medical exclusion conditions for low risk for cesarean rate calculations (continued)

ICD Diagnosis Code	ICD Diagnosis Code Short Description	Risk Factor Classification	ICD code type
669.61	BREECH EXTRACTION, WITHOUT MENTION OF INDICATION, DELIVERED, WITH OR WITHOUT MENTION OF ANTEPARTUM CONDITION	Malpresentation	ICD9
032.1XX0	MATERNAL CARE FOR BREECH PRESENTATION, NOT APPLICABLE OR UNSPECIFIED	Malpresentation	ICD10
064.1XX0	OBSTRUCTED LABOR DUE TO BREECH PRESENTATION, NOT APPLICABLE OR UNSPECIFIED	Malpresentation	ICD10
652.31	TRANSVERSE OR OBLIQUE PRESENTATION, DELIVERED, WITH OR WITHOUT MENTION OF ANTEPARTUM CONDITION	Malpresentation	ICD9
032.2XX0	MATERNAL CARE FOR TRANSVERSE AND OBLIQUE LIE, NOT APPLICABLE OR UNSPECIFIED	Malpresentation	ICD10
064.4XX0	OBSTRUCTED LABOR DUE TO SHOULDER PRESENTATION, UNSP	Malpresentation	ICD10
064.5XX0	OBSTRUCTED LABOR DUE TO COMPOUND PRESENTATION, UNSP	Malpresentation	ICD10
652.41	FACE OR BROW PRESENTATION, DELIVERED, WITH OR WITHOUT MENTION OF ANTEPARTUM CONDITION	Malpresentation	ICD9
032.3XX0	MATERNAL CARE FOR FACE, BROW AND CHIN PRESENTATION, NOT APPLICABLE OR UNSPECIFIED	Malpresentation	ICD10
064.2XX0	OBSTRUCTED LABOR DUE TO FACE PRESENTATION, NOT APPLICABLE OR UNSPECIFIED	Malpresentation	ICD10
064.3XX0	OBSTRUCTED LABOR DUE TO BROW PRESENTATION, NOT APPLICABLE OR UNSPECIFIED	Malpresentation	ICD10
652.70	PROLAPSED ARM OF FETUS, UNSPECIFIED AS TO EPISODE OF CARE OR NOT APPLICABLE	Malpresentation	ICD9
652.71	PROLAPSED ARM OF FETUS, DELIVERED, WITH OR WITHOUT MENTION OF ANTEPARTUM CONDITION	Malpresentation	ICD9
660.30	DEEP TRANSVERSE ARREST AND PERSISTENT OCCIPITOPOSTERIOR POSITION, UNSPECIFIED AS TO EPISODE OF CARE OR NOT APPLICABLE	Malpresentation	ICD9
660.31	DEEP TRANSVERSE ARREST AND PERSISTENT OCCIPITOPOSTERIOR POSITION, DELIVERED, WITH OR WITHOUT MENTION OF ANTEPARTUM CONDITION	Malpresentation	ICD9
064.0XX0	OBSTRUCTED LABOR DUE TO INCOMPLETE ROTATION OF FETAL HEAD, NOT APPLICABLE OR UNSPECIFIED	Malpresentation	ICD9
<b>Fetal Factors</b>			
653.60	HYDROCEPHALIC FETUS CAUSING DISPROPORTION, UNSPECIFIED AS TO EPISODE OF CARE OR NOT APPLICABLE	Fetal Factors	ICD9
653.61	HYDROCEPHALIC FETUS CAUSING DISPROPORTION, DELIVERED, WITH OR WITHOUT MENTION OF ANTEPARTUM CONDITION	Fetal Factors	ICD9
653.63	HYDROCEPHALIC FETUS CAUSING DISPROPORTION, ANTEPARTUM CONDITION OR COMPLICATION	Fetal Factors	ICD9
033.6XX0	MATERNAL CARE FOR DISPROPORTION DUE TO HYDROCEPHALIC FETUS, NOT APPLICABLE OR UNSPECIFIED	Fetal Factors	ICD10

SMFM. Coding update for cesarean delivery from ICD-9-CM to ICD-10-CM. Am J Obstet Gynecol 2017.

(continued)

## SUPPLEMENTARY TABLE

**ICD-9-CM and ICD-10-CM codes indicating medical exclusion conditions for low risk for cesarean rate calculations** (continued)

ICD Diagnosis Code	ICD Diagnosis Code Short Description	Risk Factor Classification	ICD code type
653.71	OTHER FETAL ABNORMALITY CAUSING DISPROPORTION, DELIVERED, WITH OR WITHOUT MENTION OF ANTEPARTUM CONDITION	Fetal Factors	ICD9
033.7	MATERNAL CARE FOR DISPROPORTION DUE TO OTHER FETAL DEFORMITIES	Fetal Factors	ICD10
655.01	CENTRAL NERVOUS SYSTEM MALFORMATION IN FETUS, DELIVERED, WITH OR WITHOUT MENTION OF ANTEPARTUM CONDITION	Fetal Factors	ICD9
035.0XX0	MATERNAL CARE FOR (SUSPECTED) CENTRAL NERVOUS SYSTEM MALFORMATION IN FETUS, NOT APPLICABLE OR UNSPECIFIED	Fetal Factors	ICD10
678.10	FETAL CONJOINED TWINS, UNSPECIFIED AS TO EPISODE OF CARE OR NOT APPLICABLE	Fetal Factors	ICD9
678.11	FETAL CONJOINED TWINS, DELIVERED, WITH OR WITHOUT MENTION OF ANTEPARTUM CONDITION	Fetal Factors	ICD9
678.13	FETAL CONJOINED TWINS, ANTEPARTUM CONDITION OR COMPLICATION	Fetal Factors	ICD9
030.029	CONJOINED TWIN PREGNANCY, UNSPECIFIED TRIMESTER	Fetal Factors	ICD10
030.021	CONJOINED TWIN PREGNANCY, FIRST TRIMESTER	Fetal Factors	ICD10
030.022	CONJOINED TWIN PREGNANCY, SECOND TRIMESTER	Fetal Factors	ICD10
030.023	CONJOINED TWIN PREGNANCY, THIRD TRIMESTER	Fetal Factors	ICD10
<b>Uterine/Placental Factors</b>			
641.01	PLACENTA PREVIA WITHOUT HEMORRHAGE, DELIVERED, WITH OR WITHOUT MENTION OF ANTEPARTUM CONDITION	Uterine/Placental Factors	ICD9
641.11	HEMORRHAGE FROM PLACENTA PREVIA, DELIVERED, WITH OR WITHOUT MENTION OF ANTEPARTUM CONDITION	Uterine/Placental Factors	ICD9
043.212	PLACENTA ACCRETA, SECOND TRIMESTER	Uterine/Placental Factors	ICD10
043.213	PLACENTA ACCRETA, THIRD TRIMESTER	Uterine/Placental Factors	ICD10
043.219	PLACENTA ACCRETA, UNSPECIFIED TRIMESTER	Uterine/Placental Factors	ICD10
043.222	PLACENTA INCRETA, SECOND TRIMESTER	Uterine/Placental Factors	ICD10
043.223	PLACENTA INCRETA, THIRD TRIMESTER	Uterine/Placental Factors	ICD10
043.229	PLACENTA INCRETA, UNSPECIFIED TRIMESTER	Uterine/Placental Factors	ICD10
043.232	PLACENTA PERCRETA, SECOND TRIMESTER	Uterine/Placental Factors	ICD10
043.233	PLACENTA PERCRETA, THIRD TRIMESTER	Uterine/Placental Factors	ICD10
043.239	PLACENTA PERCRETA, UNSPECIFIED TRIMESTER	Uterine/Placental Factors	ICD10
044.00	COMPLETE PLACENTA PREVIA NOS OR WITHOUT HEMORRHAGE, UNSPECIFIED TRIMESTER	Uterine/Placental Factors	ICD10
044.02	COMPLETE PLACENTA PREVIA NOS OR WITHOUT HEMORRHAGE, SECOND TRIMESTER	Uterine/Placental Factors	ICD10
044.03	COMPLETE PLACENTA PREVIA NOS OR WITHOUT HEMORRHAGE, THIRD TRIMESTER	Uterine/Placental Factors	ICD10

SMFM. Coding update for cesarean delivery from ICD-9-CM to ICD-10-CM. Am J Obstet Gynecol 2017.

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**SUPPLEMENTARY TABLE****ICD-9-CM and ICD-10-CM codes indicating medical exclusion conditions for low risk for cesarean rate calculations** *(continued)*

ICD Diagnosis Code	ICD Diagnosis Code Short Description	Risk Factor Classification	ICD code type
044.10	COMPLETE PLACENTA PREVIA WITH HEMORRHAGE, UNSPECIFIED TRIMESTER	Uterine/Placental Factors	ICD10
044.12	COMPLETE PLACENTA PREVIA WITH HEMORRHAGE, SECOND TRIMESTER	Uterine/Placental Factors	ICD10
044.13	COMPLETE PLACENTA PREVIA WITH HEMORRHAGE, THIRD TRIMESTER	Uterine/Placental Factors	ICD10
044.20	PARTIAL PLACENTA PREVIA NOS OR WITHOUT HEMORRHAGE, UNSPECIFIED TRIMESTER	Uterine/Placental Factors	ICD10
044.22	PARTIAL PLACENTA PREVIA NOS OR WITHOUT HEMORRHAGE, SECOND TRIMESTER	Uterine/Placental Factors	ICD10
044.23	PARTIAL PLACENTA PREVIA NOS OR WITHOUT HEMORRHAGE, THIRD TRIMESTER	Uterine/Placental Factors	ICD10
044.30	PARTIAL PLACENTA PREVIA WITH HEMORRHAGE, UNSPECIFIED TRIMESTER	Uterine/Placental Factors	ICD10
044.32	PARTIAL PLACENTA PREVIA WITH HEMORRHAGE, SECOND TRIMESTER	Uterine/Placental Factors	ICD10
044.33	PARTIAL PLACENTA PREVIA WITH HEMORRHAGE, THIRD TRIMESTER	Uterine/Placental Factors	ICD10
044.40	LOW LYING PLACENTA NOS OR WITHOUT HEMORRHAGE, UNSPECIFIED TRIMESTER	Uterine/Placental Factors	ICD10
044.42	LOW LYING PLACENTA NOS OR WITHOUT HEMORRHAGE, SECOND TRIMESTER	Uterine/Placental Factors	ICD10
044.43	LOW LYING PLACENTA NOS OR WITHOUT HEMORRHAGE, THIRD TRIMESTER	Uterine/Placental Factors	ICD10
044.50	LOW LYING PLACENTA WITH HEMORRHAGE, UNSPECIFIED TRIMESTER	Uterine/Placental Factors	ICD10
044.52	LOW LYING PLACENTA WITH HEMORRHAGE, SECOND TRIMESTER	Uterine/Placental Factors	ICD10
044.53	LOW LYING PLACENTA WITH HEMORRHAGE, THIRD TRIMESTER	Uterine/Placental Factors	ICD10
045.002	PREMATURE SEPARATION OF PLACENTA WITH COAGULATION DEFECT, UNSPECIFIED, SECOND TRIMESTER	Uterine/Placental Factors	ICD10
045.003	PREMATURE SEPARATION OF PLACENTA WITH COAGULATION DEFECT, UNSPECIFIED, THIRD TRIMESTER	Uterine/Placental Factors	ICD10
045.009	PREMATURE SEPARATION OF PLACENTA WITH COAGULATION DEFECT, UNSPECIFIED, UNSPECIFIED TRIMESTER	Uterine/Placental Factors	ICD10
045.012	PREMATURE SEPARATION OF PLACENTA WITH AFIBRINOGENEMIA, SECOND TRIMESTER	Uterine/Placental Factors	ICD10
045.013	PREMATURE SEPARATION OF PLACENTA WITH AFIBRINOGENEMIA, THIRD TRIMESTER	Uterine/Placental Factors	ICD10
045.019	PREMATURE SEPARATION OF PLACENTA WITH AFIBRINOGENEMIA, UNSPECIFIED TRIMESTER	Uterine/Placental Factors	ICD10

SMFM. Coding update for cesarean delivery from ICD-9-CM to ICD-10-CM. *Am J Obstet Gynecol* 2017.*(continued)*

## SUPPLEMENTARY TABLE

**ICD-9-CM and ICD-10-CM codes indicating medical exclusion conditions for low risk for cesarean rate calculations** (continued)

ICD Diagnosis Code	ICD Diagnosis Code Short Description	Risk Factor Classification	ICD code type
045.022	PREMATURE SEPARATION OF PLACENTA WITH DISSEMINATED INTRAVASCULAR COAGULATION, SECOND TRIMESTER	Uterine/Placental Factors	ICD10
045.023	PREMATURE SEPARATION OF PLACENTA WITH DISSEMINATED INTRAVASCULAR COAGULATION, THIRD TRIMESTER	Uterine/Placental Factors	ICD10
045.029	PREMATURE SEPARATION OF PLACENTA WITH DISSEMINATED INTRAVASCULAR COAGULATION, UNSPECIFIED TRIMESTER	Uterine/Placental Factors	ICD10
045.092	PREMATURE SEPARATION OF PLACENTA WITH OTHER COAGULATION DEFECT, SECOND TRIMESTER	Uterine/Placental Factors	ICD10
045.093	PREMATURE SEPARATION OF PLACENTA WITH OTHER COAGULATION DEFECT, THIRD TRIMESTER	Uterine/Placental Factors	ICD10
045.099	PREMATURE SEPARATION OF PLACENTA WITH OTHER COAGULATION DEFECT, UNSPECIFIED TRIMESTER	Uterine/Placental Factors	ICD10
654.20	PREVIOUS CESAREAN DELIVERY, UNSPECIFIED AS TO EPISODE OF CARE OR NOT APPLICABLE	Uterine/Placental Factors	ICD9
654.21	PREVIOUS CESAREAN DELIVERY, DELIVERED, WITH OR WITHOUT MENTION OF ANTEPARTUM CONDITION	Uterine/Placental Factors	ICD9
654.23	PREVIOUS CESAREAN DELIVERY, ANTEPARTUM CONDITION OR COMPLICATION	Uterine/Placental Factors	ICD9
034.21	MATERNAL CARE FOR SCAR FROM PREVIOUS CESAREAN DELIVERY	Uterine/Placental Factors	ICD10
034.211	MATERNAL CARE FOR LOW TRANSVERSE SCAR FROM PREVIOUS CESAREAN DELIVERY	Uterine/Placental Factors	ICD9
034.212	MATERNAL CARE FOR VERTICAL SCAR FROM PREVIOUS CESAREAN DELIVERY	Uterine/Placental Factors	ICD9
034.219	MATERNAL CARE FOR UNSPECIFIED TYPE SCAR FROM PREVIOUS CESAREAN DELIVERY	Uterine/Placental Factors	ICD9
654.30	RETROVERTED AND INCARCERATED GRAVID UTERUS, UNSPECIFIED AS TO EPISODE OF CARE OR NOT APPLICABLE	Uterine/Placental Factors	ICD9
654.31	RETROVERTED AND INCARCERATED GRAVID UTERUS, DELIVERED, WITH MENTION OF ANTEPARTUM CONDITION	Uterine/Placental Factors	ICD9
654.32	RETROVERTED AND INCARCERATED GRAVID UTERUS, DELIVERED, WITH MENTION OF POSTPARTUM COMPLICATION	Uterine/Placental Factors	ICD9
654.33	RETROVERTED AND INCARCERATED GRAVID UTERUS, ANTEPARTUM CONDITION OR COMPLICATION	Uterine/Placental Factors	ICD9
654.34	RETROVERTED AND INCARCERATED GRAVID UTERUS, POSTPARTUM CONDITION OR COMPLICATION	Uterine/Placental Factors	ICD9
034.513	MATERNAL CARE FOR INCARCERATION OF GRAVID UTERUS, THIRD TRIMESTER	Uterine/Placental Factors	ICD10
663.00	PROLAPSE OF CORD COMPLICATING LABOR AND DELIVERY, UNSPECIFIED AS TO EPISODE OF CARE OR NOT APPLICABLE	Uterine/Placental Factors	ICD9

SMFM. Coding update for cesarean delivery from ICD-9-CM to ICD-10-CM. Am J Obstet Gynecol 2017.

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## SUPPLEMENTARY TABLE

**ICD-9-CM and ICD-10-CM codes indicating medical exclusion conditions for low risk for cesarean rate calculations** (continued)

ICD Diagnosis Code	ICD Diagnosis Code Short Description	Risk Factor Classification	ICD code type
663.01	PROLAPSE OF CORD COMPLICATING LABOR AND DELIVERY, DELIVERED, WITH OR WITHOUT MENTION OF ANTEPARTUM CONDITION	Uterine/Placental Factors	ICD9
663.03	PROLAPSE OF CORD COMPLICATING LABOR AND DELIVERY, ANTEPARTUM CONDITION OR COMPLICATION	Uterine/Placental Factors	ICD9
069.0XX0	LABOR AND DELIVERY COMPLICATED BY PROLAPSE OF CORD, NOT APPLICABLE OR UNSPECIFIED	Uterine/Placental Factors	ICD10
663.50	VASA PREVIA COMPLICATING LABOR AND DELIVERY, UNSPECIFIED AS TO EPISODE OF CARE OR NOT APPLICABLE	Uterine/Placental Factors	ICD9
663.51	VASA PREVIA COMPLICATING LABOR AND DELIVERY, DELIVERED, WITH OR WITHOUT MENTION OF ANTEPARTUM CONDITION	Uterine/Placental Factors	ICD9
663.53	VASA PREVIA COMPLICATING LABOR AND DELIVERY, ANTEPARTUM CONDITION OR COMPLICATION	Uterine/Placental Factors	ICD9
069.4XX0	LABOR AND DELIVERY COMPLICATED BY VASA PREVIA, NOT APPLICABLE OR UNSPECIFIED	Uterine/Placental Factors	ICD10
665.00	RUPTURE OF UTERUS BEFORE ONSET OF LABOR, UNSPECIFIED AS TO EPISODE OF CARE OR NOT APPLICABLE	Uterine/Placental Factors	ICD9
665.01	RUPTURE OF UTERUS BEFORE ONSET OF LABOR, DELIVERED, WITH OR WITHOUT MENTION OF ANTEPARTUM CONDITION	Uterine/Placental Factors	ICD9
665.03	RUPTURE OF UTERUS BEFORE ONSET OF LABOR, ANTEPARTUM CONDITION OR COMPLICATION	Uterine/Placental Factors	ICD9
665.10	RUPTURE OF UTERUS DURING LABOR, UNSPECIFIED AS TO EPISODE OF CARE OR NOT APPLICABLE	Uterine/Placental Factors	ICD9
665.11	RUPTURE OF UTERUS DURING LABOR, DELIVERED, WITH OR WITHOUT MENTION OF ANTEPARTUM CONDITION	Uterine/Placental Factors	ICD9
665.12	RUPTURE UTERUS DURING/AFTER LABOR DELIVERED WITH POSTPARTUM COMPLICATION	Uterine/Placental Factors	ICD9
665.14	RUPTURE UTERUS DURING/AFTER LABOR POSTPARTUM CONDITION OR COMPLICATION	Uterine/Placental Factors	ICD9
071.00	RUPTURE OF UTERUS BEFORE ONSET OF LABOR, UNSPECIFIED TRIMESTER	Uterine/Placental Factors	ICD10
071.02	RUPTURE OF UTERUS BEFORE ONSET OF LABOR, SECOND TRIMESTER	Uterine/Placental Factors	ICD10
071.03	RUPTURE OF UTERUS BEFORE ONSET OF LABOR, THIRD TRIMESTER	Uterine/Placental Factors	ICD10
071.1	RUPTURE OF UTERUS DURING LABOR	Uterine/Placental Factors	ICD10
<b>Conduct of Labor</b>			ICD9
660.70	FAILED FORCEPS OR VACUUM EXTRACTOR, UNSPECIFIED, UNSPECIFIED AS TO EPISODE OF CARE OR NOT APPLICABLE	Conduct of Labor	ICD9
660.71	FAILED FORCEPS OR VACUUM EXTRACTOR, UNSPECIFIED, DELIVERED, WITH OR WITHOUT MENTION OF ANTEPARTUM CONDITION	Conduct of Labor	ICD9



## SUPPLEMENTARY TABLE

**ICD-9-CM and ICD-10-CM codes indicating medical exclusion conditions for low risk for cesarean rate calculations** (continued)

ICD Diagnosis Code	ICD Diagnosis Code Short Description	Risk Factor Classification	ICD code type
660.73	FAILED FORCEPS OR VACUUM EXTRACTOR, UNSPECIFIED, ANTEPARTUM CONDITION OR COMPLICATION	Conduct of Labor	ICD9
066.41	FAILED ATTEMPT VAGINAL BIRTH AFTER PREVIOUS CESAREAN DEL	Conduct of Labor	ICD10
066.5	ATTEMPTED APPLICATION OF VACUUM EXTRACTOR AND FORCEPS	Conduct of Labor	ICD10
<b>Multiple Gestation</b>			
651.00	TWIN PREGNANCY, UNSPECIFIED AS TO EPISODE OF CARE OR NOT APPLICABLE	Multiple Gestation	ICD9
651.01	TWIN PREGNANCY, DELIVERED, WITH OR WITHOUT MENTION OF ANTEPARTUM CONDITION	Multiple Gestation	ICD9
651.03	TWIN PREGNANCY, ANTEPARTUM CONDITION OR COMPLICATION	Multiple Gestation	ICD9
V91.00	TWIN GESTATION, UNSPECIFIED NUMBER OF PLACENTA, UNSPECIFIED NUMBER OF AMNIOTIC SACS	Multiple Gestation	ICD9
V91.01	TWIN GESTATION, MONOCHORIONIC/MONOAMNIOTIC (ONE PLACENTA, ONE AMNIOTIC SAC)	Multiple Gestation	ICD9
V91.02	TWIN GESTATION, MONOCHORIONIC/DIAMNIOTIC (ONE PLACENTA, TWO AMNIOTIC SACS)	Multiple Gestation	ICD9
V91.03	TWIN GESTATION, DICHORIONIC/DIAMNIOTIC (TWO PLACENTAE, TWO AMNIOTIC SACS)	Multiple Gestation	ICD9
V91.09	TWIN GESTATION, UNABLE TO DETERMINE NUMBER OF PLACENTA AND NUMBER OF AMNIOTIC SACS	Multiple Gestation	ICD9
030.009	TWIN PREGNANCY, UNSPECIFIED NUMBER OF PLACENTA AND UNSPECIFIED NUMBER OF AMNIOTIC SACS, UNSPECIFIED TRIMESTER	Multiple Gestation	ICD10
030.019	TWIN PREGNANCY, MONOCHORIONIC/MONOAMNIOTIC, UNSPECIFIED TRIMESTER	Multiple Gestation	ICD10
030.039	TWIN PREGNANCY, MONOCHORIONIC/DIAMNIOTIC, UNSPECIFIED TRIMESTER	Multiple Gestation	ICD10
030.049	TWIN PREGNANCY, DICHORIONIC/DIAMNIOTIC, UNSPECIFIED TRIMESTER	Multiple Gestation	ICD10
030.099	TWIN PREGNANCY, UNABLE TO DETERMINE NUMBER OF PLACENTA AND NUMBER OF AMNIOTIC SACS, UNSPECIFIED TRIMESTER	Multiple Gestation	ICD10
030.001	TWIN PREGNANCY, UNSPECIFIED NUMBER OF PLACENTA AND UNSPECIFIED NUMBER OF AMNIOTIC SACS, FIRST TRIMESTER	Multiple Gestation	ICD10
030.002	TWIN PREGNANCY, UNSPECIFIED NUMBER OF PLACENTA AND UNSPECIFIED NUMBER OF AMNIOTIC SACS, SECOND TRIMESTER	Multiple Gestation	ICD10
030.003	TWIN PREGNANCY, UNSPECIFIED NUMBER OF PLACENTA AND UNSPECIFIED NUMBER OF AMNIOTIC SACS, THIRD TRIMESTER	Multiple Gestation	ICD10
030.011	TWIN PREGNANCY, MONOCHORIONIC/MONOAMNIOTIC, FIRST TRIMESTER	Multiple Gestation	ICD10

SMFM. Coding update for cesarean delivery from ICD-9-CM to ICD-10-CM. Am J Obstet Gynecol 2017.

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**SUPPLEMENTARY TABLE****ICD-9-CM and ICD-10-CM codes indicating medical exclusion conditions for low risk for cesarean rate calculations** *(continued)*

ICD Diagnosis Code	ICD Diagnosis Code Short Description	Risk Factor Classification	ICD code type
030.012	TWIN PREGNANCY, MONOCHORIONIC/MONOAMNIOTIC, SECOND TRIMESTER	Multiple Gestation	ICD10
030.013	TWIN PREGNANCY, MONOCHORIONIC/MONOAMNIOTIC, THIRD TRIMESTER	Multiple Gestation	ICD10
030.031	TWIN PREGNANCY, MONOCHORIONIC/DIAMNIOTIC, FIRST TRIMESTER	Multiple Gestation	ICD10
030.032	TWIN PREGNANCY, MONOCHORIONIC/DIAMNIOTIC, SECOND TRIMESTER	Multiple Gestation	ICD10
030.033	TWIN PREGNANCY, MONOCHORIONIC/DIAMNIOTIC, THIRD TRIMESTER	Multiple Gestation	ICD10
030.041	TWIN PREGNANCY, DICHORIONIC/DIAMNIOTIC, FIRST TRIMESTER	Multiple Gestation	ICD10
030.042	TWIN PREGNANCY, DICHORIONIC/DIAMNIOTIC, SECOND TRIMESTER	Multiple Gestation	ICD10
030.043	TWIN PREGNANCY, DICHORIONIC/DIAMNIOTIC, THIRD TRIMESTER	Multiple Gestation	ICD10
030.091	TWIN PREGNANCY, UNABLE TO DETERMINE NUMBER OF PLACENTA AND NUMBER OF AMNIOTIC SACS, FIRST TRIMESTER	Multiple Gestation	ICD10
030.092	TWIN PREGNANCY, UNABLE TO DETERMINE NUMBER OF PLACENTA AND NUMBER OF AMNIOTIC SACS, SECOND TRIMESTER	Multiple Gestation	ICD10
030.093	TWIN PREGNANCY, UNABLE TO DETERMINE NUMBER OF PLACENTA AND NUMBER OF AMNIOTIC SACS, THIRD TRIMESTER	Multiple Gestation	ICD10
651.10	TRIPLT PREGNANCY, UNSPECIFIED AS TO EPISODE OF CARE OR NOT APPLICABLE	Multiple Gestation	ICD9
651.11	TRIPLT PREGNANCY, DELIVERED, WITH OR WITHOUT MENTION OF ANTEPARTUM CONDITION	Multiple Gestation	ICD9
651.13	TRIPLT PREGNANCY, ANTEPARTUM CONDITION OR COMPLICATION	Multiple Gestation	ICD9
V91.10	TRIPLT GESTATION, UNSPECIFIED NUMBER OF PLACENTA AND UNSPECIFIED NUMBER OF AMNIOTIC SACS	Multiple Gestation	ICD9
V91.11	TRIPLT GESTATION, WITH TWO OR MORE MONOCHORIONIC FETUSES	Multiple Gestation	ICD9
V91.12	TRIPLT GESTATION, WITH TWO OR MORE MONOAMNIOTIC FETUSES	Multiple Gestation	ICD9
V91.19	TRIPLT GESTATION, UNABLE TO DETERMINE NUMBER OF PLACENTA AND NUMBER OF AMNIOTIC SACS	Multiple Gestation	ICD9
030.109	TRIPLT PREGNANCY, UNSPECIFIED NUMBER OF PLACENTA AND UNSPECIFIED NUMBER OF AMNIOTIC SACS, UNSPECIFIED TRIMESTER	Multiple Gestation	ICD10
030.119	TRIPLT PREGNANCY WITH TWO OR MORE MONOCHORIONIC FETUSES, UNSPECIFIED TRIMESTER	Multiple Gestation	ICD10
030.129	TRIPLT PREGNANCY WITH TWO OR MORE MONOAMNIOTIC FETUSES, UNSPECIFIED TRIMESTER	Multiple Gestation	ICD10

SMFM. Coding update for cesarean delivery from ICD-9-CM to ICD-10-CM. *Am J Obstet Gynecol* 2017.*(continued)*

## SUPPLEMENTARY TABLE

**ICD-9-CM and ICD-10-CM codes indicating medical exclusion conditions for low risk for cesarean rate calculations** (continued)

ICD Diagnosis Code	ICD Diagnosis Code Short Description	Risk Factor Classification	ICD code type
030.199	TRIPLET PREGNANCY, UNABLE TO DETERMINE NUMBER OF PLACENTA AND NUMBER OF AMNIOTIC SACS, UNSPECIFIED TRIMESTER	Multiple Gestation	ICD10
030.101	TRIPLET PREGNANCY, UNSPECIFIED NUMBER OF PLACENTA AND UNSPECIFIED NUMBER OF AMNIOTIC SACS, FIRST TRIMESTER	Multiple Gestation	ICD10
030.102	TRIPLET PREGNANCY, UNSPECIFIED NUMBER OF PLACENTA AND UNSPECIFIED NUMBER OF AMNIOTIC SACS, SECOND TRIMESTER	Multiple Gestation	ICD10
030.103	TRIPLET PREGNANCY, UNSPECIFIED NUMBER OF PLACENTA AND UNSPECIFIED NUMBER OF AMNIOTIC SACS, THIRD TRIMESTER	Multiple Gestation	ICD10
030.111	TRIPLET PREGNANCY WITH TWO OR MORE MONOCHORIONIC FETUSES, FIRST TRIMESTER	Multiple Gestation	ICD10
030.112	TRIPLET PREGNANCY WITH TWO OR MORE MONOCHORIONIC FETUSES, SECOND TRIMESTER	Multiple Gestation	ICD10
030.113	TRIPLET PREGNANCY WITH TWO OR MORE MONOCHORIONIC FETUSES, THIRD TRIMESTER	Multiple Gestation	ICD10
030.121	TRIPLET PREGNANCY WITH TWO OR MORE MONOAMNIOTIC FETUSES, FIRST TRIMESTER	Multiple Gestation	ICD10
030.122	TRIPLET PREGNANCY WITH TWO OR MORE MONOAMNIOTIC FETUSES, SECOND TRIMESTER	Multiple Gestation	ICD10
030.123	TRIPLET PREGNANCY WITH TWO OR MORE MONOAMNIOTIC FETUSES, THIRD TRIMESTER	Multiple Gestation	ICD10
030.191	TRIPLET PREGNANCY, UNABLE TO DETERMINE NUMBER OF PLACENTA AND NUMBER OF AMNIOTIC SACS, FIRST TRIMESTER	Multiple Gestation	ICD10
030.192	TRIPLET PREGNANCY, UNABLE TO DETERMINE NUMBER OF PLACENTA AND NUMBER OF AMNIOTIC SACS, SECOND TRIMESTER	Multiple Gestation	ICD10
030.193	TRIPLET PREGNANCY, UNABLE TO DETERMINE NUMBER OF PLACENTA AND NUMBER OF AMNIOTIC SACS, THIRD TRIMESTER	Multiple Gestation	ICD10
651.20	QUADRUPLET PREGNANCY, UNSPECIFIED AS TO EPISODE OF CARE OR NOT APPLICABLE	Multiple Gestation	ICD9
651.21	QUADRUPLET PREGNANCY, DELIVERED, WITH OR WITHOUT MENTION OF ANTEPARTUM CONDITION	Multiple Gestation	ICD9
651.23	QUADRUPLET PREGNANCY, ANTEPARTUM CONDITION OR COMPLICATION	Multiple Gestation	ICD9
V91.20	QUADRUPLET GESTATION, UNSPECIFIED NUMBER OF PLACENTA AND UNSPECIFIED NUMBER OF AMNIOTIC SACS	Multiple Gestation	ICD9
V91.22	QUADRUPLET GESTATION, WITH TWO OR MORE MONOAMNIOTIC FETUSES	Multiple Gestation	ICD9
V91.29	QUADRUPLET GESTATION, UNABLE TO DETERMINE NUMBER OF PLACENTA AND NUMBER OF AMNIOTIC SACS	Multiple Gestation	ICD9

SMFM. Coding update for cesarean delivery from ICD-9-CM to ICD-10-CM. Am J Obstet Gynecol 2017.

(continued)

## SUPPLEMENTARY TABLE

## ICD-9-CM and ICD-10-CM codes indicating medical exclusion conditions for low risk for cesarean rate calculations (continued)

ICD Diagnosis Code	ICD Diagnosis Code Short Description	Risk Factor Classification	ICD code type
V91.90	OTHER SPECIFIED MULTIPLE GESTATION, UNSPECIFIED NUMBER OF PLACENTA AND UNSPECIFIED NUMBER OF AMNIOTIC SACS	Multiple Gestation	ICD9
030.209	QUADRUPLET PREGNANCY, UNSPECIFIED NUMBER OF PLACENTA AND UNSPECIFIED NUMBER OF AMNIOTIC SACS, UNSPECIFIED TRIMESTER	Multiple Gestation	ICD10
030.229	QUADRUPLET PREGNANCY WITH TWO OR MORE MONOAMNIOTIC FETUSES, UNSPECIFIED TRIMESTER	Multiple Gestation	ICD10
030.299	QUADRUPLET PREGNANCY, UNABLE TO DETERMINE NUMBER OF PLACENTA AND NUMBER OF AMNIOTIC SACS, UNSPECIFIED TRIMESTER	Multiple Gestation	ICD10
030.201	QUADRUPLET PREGNANCY, UNSPECIFIED NUMBER OF PLACENTA AND UNSPECIFIED NUMBER OF AMNIOTIC SACS, FIRST TRIMESTER	Multiple Gestation	ICD10
030.202	QUADRUPLET PREGNANCY, UNSPECIFIED NUMBER OF PLACENTA AND UNSPECIFIED NUMBER OF AMNIOTIC SACS, SECOND TRIMESTER	Multiple Gestation	ICD10
030.203	QUADRUPLET PREGNANCY, UNSPECIFIED NUMBER OF PLACENTA AND UNSPECIFIED NUMBER OF AMNIOTIC SACS, THIRD TRIMESTER	Multiple Gestation	ICD10
030.211	QUADRUPLET PREGNANCY WITH TWO OR MORE MONOCHORIONIC FETUSES, FIRST TRIMESTER	Multiple Gestation	ICD10
030.212	QUADRUPLET PREGNANCY WITH TWO OR MORE MONOCHORIONIC FETUSES, SECOND TRIMESTER	Multiple Gestation	ICD10
030.213	QUADRUPLET PREGNANCY WITH TWO OR MORE MONOCHORIONIC FETUSES, THIRD TRIMESTER	Multiple Gestation	ICD10
030.221	QUADRUPLET PREGNANCY WITH TWO OR MORE MONOAMNIOTIC FETUSES, FIRST TRIMESTER	Multiple Gestation	ICD10
030.222	QUADRUPLET PREGNANCY WITH TWO OR MORE MONOAMNIOTIC FETUSES, SECOND TRIMESTER	Multiple Gestation	ICD10
030.223	QUADRUPLET PREGNANCY WITH TWO OR MORE MONOAMNIOTIC FETUSES, THIRD TRIMESTER	Multiple Gestation	ICD10
030.291	QUADRUPLET PREGNANCY, UNABLE TO DETERMINE NUMBER OF PLACENTA AND NUMBER OF AMNIOTIC SACS, FIRST TRIMESTER	Multiple Gestation	ICD10
030.292	QUADRUPLET PREGNANCY, UNABLE TO DETERMINE NUMBER OF PLACENTA AND NUMBER OF AMNIOTIC SACS, SECOND TRIMESTER	Multiple Gestation	ICD10
030.293	QUADRUPLET PREGNANCY, UNABLE TO DETERMINE NUMBER OF PLACENTA AND NUMBER OF AMNIOTIC SACS, THIRD TRIMESTER	Multiple Gestation	ICD10
651.30	TWIN PREGNANCY WITH FETAL LOSS AND RETENTION OF ONE FETUS, UNSPECIFIED AS TO EPISODE OF CARE OR NOT APPLICABLE	Multiple Gestation	ICD9
651.31	TWIN PREGNANCY WITH FETAL LOSS AND RETENTION OF ONE FETUS, DELIVERED, WITH OR WITHOUT MENTION OF ANTEPARTUM CONDITION	Multiple Gestation	ICD9

SMFM. Coding update for cesarean delivery from ICD-9-CM to ICD-10-CM. Am J Obstet Gynecol 2017.

(continued)

## SUPPLEMENTARY TABLE

**ICD-9-CM and ICD-10-CM codes indicating medical exclusion conditions for low risk for cesarean rate calculations** (continued)

ICD Diagnosis Code	ICD Diagnosis Code Short Description	Risk Factor Classification	ICD code type
651.33	TWIN PREGNANCY WITH FETAL LOSS AND RETENTION OF ONE FETUS, ANTEPARTUM CONDITION OR COMPLICATION	Multiple Gestation	ICD9
651.40	TRIPLET PREGNANCY WITH FETAL LOSS AND RETENTION OF ONE OR MORE FETUS(ES), UNSPECIFIED AS TO EPISODE OF CARE OR NOT APPLICABLE	Multiple Gestation	ICD9
651.41	TRIPLET PREGNANCY WITH FETAL LOSS AND RETENTION OF ONE OR MORE FETUS(ES), DELIVERED, WITH OR WITHOUT MENTION OF ANTEPARTUM CONDITION	Multiple Gestation	ICD9
651.43	TRIPLET PREGNANCY WITH FETAL LOSS AND RETENTION OF ONE OR MORE FETUS(ES), ANTEPARTUM CONDITION OR COMPLICATION	Multiple Gestation	ICD9
651.50	QUADRUPLET PREGNANCY WITH FETAL LOSS AND RETENTION OF ONE OR MORE FETUS(ES), UNSPECIFIED AS TO EPISODE OF CARE OR NOT APPLICABLE	Multiple Gestation	ICD9
651.51	QUADRUPLET PREGNANCY WITH FETAL LOSS AND RETENTION OF ONE OR MORE FETUS(ES), DELIVERED, WITH OR WITHOUT MENTION OF ANTEPARTUM CONDITION	Multiple Gestation	ICD9
651.53	QUADRUPLET PREGNANCY WITH FETAL LOSS AND RETENTION OF ONE OR MORE FETUS(ES), ANTEPARTUM CONDITION OR COMPLICATION	Multiple Gestation	ICD9
651.60	OTHER MULTIPLE PREGNANCY WITH FETAL LOSS AND RETENTION OF ONE OR MORE FETUS(ES), UNSPECIFIED AS TO EPISODE OF CARE OR NOT APPLICABLE	Multiple Gestation	ICD9
651.61	OTHER MULTIPLE PREGNANCY WITH FETAL LOSS AND RETENTION OF ONE OR MORE FETUS(ES), DELIVERED, WITH OR WITHOUT MENTION OF ANTEPARTUM CONDITION	Multiple Gestation	ICD9
651.63	OTHER MULTIPLE PREGNANCY WITH FETAL LOSS AND RETENTION OF ONE OR MORE FETUS(ES), ANTEPARTUM CONDITION OR COMPLICATION	Multiple Gestation	ICD9
031.10X0	CONTINUING PREGNANCY AFTER SPONTANEOUS ABORTION OF ONE FETUS OR MORE, UNSPECIFIED TRIMESTER, NOT APPLICABLE OR UNSPECIFIED	Multiple Gestation	ICD10
031.10X1	CONTINUING PREGNANCY AFTER SPONTANEOUS ABORTION OF ONE FETUS OR MORE, UNSPECIFIED TRIMESTER, FETUS 1	Multiple Gestation	ICD10
031.10X2	CONTINUING PREGNANCY AFTER SPONTANEOUS ABORTION OF ONE FETUS OR MORE, UNSPECIFIED TRIMESTER, FETUS 2	Multiple Gestation	ICD10
031.10X3	CONTINUING PREGNANCY AFTER SPONTANEOUS ABORTION OF ONE FETUS OR MORE, UNSPECIFIED TRIMESTER, FETUS 3	Multiple Gestation	ICD10
031.10X4	CONTINUING PREGNANCY AFTER SPONTANEOUS ABORTION OF ONE FETUS OR MORE, UNSPECIFIED TRIMESTER, FETUS 4	Multiple Gestation	ICD10

SMFM. Coding update for cesarean delivery from ICD-9-CM to ICD-10-CM. Am J Obstet Gynecol 2017.

(continued)

## SUPPLEMENTARY TABLE

**ICD-9-CM and ICD-10-CM codes indicating medical exclusion conditions for low risk for cesarean rate calculations** (continued)

ICD Diagnosis Code	ICD Diagnosis Code Short Description	Risk Factor Classification	ICD code type
031.10X5	CONTINUING PREGNANCY AFTER SPONTANEOUS ABORTION OF ONE FETUS OR MORE, UNSPECIFIED TRIMESTER, FETUS 5	Multiple Gestation	ICD10
031.10X9	CONTINUING PREGNANCY AFTER SPONTANEOUS ABORTION OF ONE FETUS OR MORE, UNSPECIFIED TRIMESTER, OTHER FETUS	Multiple Gestation	ICD10
031.20X0	CONTINUING PREGNANCY AFTER INTRAUTERINE DEATH OF ONE FETUS OR MORE, UNSPECIFIED TRIMESTER, NOT APPLICABLE OR UNSPECIFIED	Multiple Gestation	ICD10
031.20X1	CONTINUING PREGNANCY AFTER INTRAUTERINE DEATH OF ONE FETUS OR MORE, UNSPECIFIED TRIMESTER, FETUS 1	Multiple Gestation	ICD10
031.20X2	CONTINUING PREGNANCY AFTER INTRAUTERINE DEATH OF ONE FETUS OR MORE, UNSPECIFIED TRIMESTER, FETUS 2	Multiple Gestation	ICD10
031.20X3	CONTINUING PREGNANCY AFTER INTRAUTERINE DEATH OF ONE FETUS OR MORE, UNSPECIFIED TRIMESTER, FETUS 3	Multiple Gestation	ICD10
031.20X4	CONTINUING PREGNANCY AFTER INTRAUTERINE DEATH OF ONE FETUS OR MORE, UNSPECIFIED TRIMESTER, FETUS 4	Multiple Gestation	ICD10
031.20X5	CONTINUING PREGNANCY AFTER INTRAUTERINE DEATH OF ONE FETUS OR MORE, UNSPECIFIED TRIMESTER, FETUS 5	Multiple Gestation	ICD10
031.20X9	CONTINUING PREGNANCY AFTER INTRAUTERINE DEATH OF ONE FETUS OR MORE, UNSPECIFIED TRIMESTER, OTHER FETUS	Multiple Gestation	ICD10
031.11X0	CONTINUING PREGNANCY AFTER SPONTANEOUS ABORTION OF ONE FETUS OR MORE, FIRST TRIMESTER, NOT APPLICABLE OR UNSPECIFIED	Multiple Gestation	ICD10
031.11X1	CONTINUING PREGNANCY AFTER SPONTANEOUS ABORTION OF ONE FETUS OR MORE, FIRST TRIMESTER, FETUS 1	Multiple Gestation	ICD10
031.11X2	CONTINUING PREGNANCY AFTER SPONTANEOUS ABORTION OF ONE FETUS OR MORE, FIRST TRIMESTER, FETUS 2	Multiple Gestation	ICD10
031.11X3	CONTINUING PREGNANCY AFTER SPONTANEOUS ABORTION OF ONE FETUS OR MORE, FIRST TRIMESTER, FETUS 3	Multiple Gestation	ICD10
031.11X4	CONTINUING PREGNANCY AFTER SPONTANEOUS ABORTION OF ONE FETUS OR MORE, FIRST TRIMESTER, FETUS 4	Multiple Gestation	ICD10
031.11X5	CONTINUING PREGNANCY AFTER SPONTANEOUS ABORTION OF ONE FETUS OR MORE, FIRST TRIMESTER, FETUS 5	Multiple Gestation	ICD10
031.11X9	CONTINUING PREGNANCY AFTER SPONTANEOUS ABORTION OF ONE FETUS OR MORE, FIRST TRIMESTER, OTHER FETUS	Multiple Gestation	ICD10

SMFM. Coding update for cesarean delivery from ICD-9-CM to ICD-10-CM. Am J Obstet Gynecol 2017.

(continued)



## SUPPLEMENTARY TABLE

**ICD-9-CM and ICD-10-CM codes indicating medical exclusion conditions for low risk for cesarean rate calculations** (continued)

ICD Diagnosis Code	ICD Diagnosis Code Short Description	Risk Factor Classification	ICD code type
031.12X0	CONTINUING PREGNANCY AFTER SPONTANEOUS ABORTION OF ONE FETUS OR MORE, SECOND TRIMESTER, NOT APPLICABLE OR UNSPECIFIED	Multiple Gestation	ICD10
031.12X1	CONTINUING PREGNANCY AFTER SPONTANEOUS ABORTION OF ONE FETUS OR MORE, SECOND TRIMESTER, FETUS 1	Multiple Gestation	ICD10
031.12X2	CONTINUING PREGNANCY AFTER SPONTANEOUS ABORTION OF ONE FETUS OR MORE, SECOND TRIMESTER, FETUS 2	Multiple Gestation	ICD10
031.12X3	CONTINUING PREGNANCY AFTER SPONTANEOUS ABORTION OF ONE FETUS OR MORE, SECOND TRIMESTER, FETUS 3	Multiple Gestation	ICD10
031.12X4	CONTINUING PREGNANCY AFTER SPONTANEOUS ABORTION OF ONE FETUS OR MORE, SECOND TRIMESTER, FETUS 4	Multiple Gestation	ICD10
031.12X5	CONTINUING PREGNANCY AFTER SPONTANEOUS ABORTION OF ONE FETUS OR MORE, SECOND TRIMESTER, FETUS 5	Multiple Gestation	ICD10
031.12X9	CONTINUING PREGNANCY AFTER SPONTANEOUS ABORTION OF ONE FETUS OR MORE, SECOND TRIMESTER, OTHER FETUS	Multiple Gestation	ICD10
031.13X0	CONTINUING PREGNANCY AFTER SPONTANEOUS ABORTION OF ONE FETUS OR MORE, THIRD TRIMESTER, NOT APPLICABLE OR UNSPECIFIED	Multiple Gestation	ICD10
031.13X1	CONTINUING PREGNANCY AFTER SPONTANEOUS ABORTION OF ONE FETUS OR MORE, THIRD TRIMESTER, FETUS 1	Multiple Gestation	ICD10
031.13X2	CONTINUING PREGNANCY AFTER SPONTANEOUS ABORTION OF ONE FETUS OR MORE, THIRD TRIMESTER, FETUS 2	Multiple Gestation	ICD10
031.13X3	CONTINUING PREGNANCY AFTER SPONTANEOUS ABORTION OF ONE FETUS OR MORE, THIRD TRIMESTER, FETUS 3	Multiple Gestation	ICD10
031.13X4	CONTINUING PREGNANCY AFTER SPONTANEOUS ABORTION OF ONE FETUS OR MORE, THIRD TRIMESTER, FETUS 4	Multiple Gestation	ICD10
031.13X5	CONTINUING PREGNANCY AFTER SPONTANEOUS ABORTION OF ONE FETUS OR MORE, THIRD TRIMESTER, FETUS 5	Multiple Gestation	ICD10
031.13X9	CONTINUING PREGNANCY AFTER SPONTANEOUS ABORTION OF ONE FETUS OR MORE, THIRD TRIMESTER, OTHER FETUS	Multiple Gestation	ICD10
031.21X0	CONTINUING PREGNANCY AFTER INTRAUTERINE DEATH OF ONE FETUS OR MORE, FIRST TRIMESTER, NOT APPLICABLE OR UNSPECIFIED	Multiple Gestation	ICD10
031.21X1	CONTINUING PREGNANCY AFTER INTRAUTERINE DEATH OF ONE FETUS OR MORE, FIRST TRIMESTER, FETUS 1	Multiple Gestation	ICD10
031.21X2	CONTINUING PREGNANCY AFTER INTRAUTERINE DEATH OF ONE FETUS OR MORE, FIRST TRIMESTER, FETUS 2	Multiple Gestation	ICD10

SMFM. Coding update for cesarean delivery from ICD-9-CM to ICD-10-CM. Am J Obstet Gynecol 2017.

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## SUPPLEMENTARY TABLE

**ICD-9-CM and ICD-10-CM codes indicating medical exclusion conditions for low risk for cesarean rate calculations** (continued)

ICD Diagnosis Code	ICD Diagnosis Code Short Description	Risk Factor Classification	ICD code type
031.21X3	CONTINUING PREGNANCY AFTER INTRAUTERINE DEATH OF ONE FETUS OR MORE, FIRST TRIMESTER, FETUS 3	Multiple Gestation	ICD10
031.21X4	CONTINUING PREGNANCY AFTER INTRAUTERINE DEATH OF ONE FETUS OR MORE, FIRST TRIMESTER, FETUS 4	Multiple Gestation	ICD10
031.21X5	CONTINUING PREGNANCY AFTER INTRAUTERINE DEATH OF ONE FETUS OR MORE, FIRST TRIMESTER, FETUS 5	Multiple Gestation	ICD10
031.21X9	CONTINUING PREGNANCY AFTER INTRAUTERINE DEATH OF ONE FETUS OR MORE, FIRST TRIMESTER, OTHER FETUS	Multiple Gestation	ICD10
031.22X0	CONTINUING PREGNANCY AFTER INTRAUTERINE DEATH OF ONE FETUS OR MORE, SECOND TRIMESTER, NOT APPLICABLE OR UNSPECIFIED	Multiple Gestation	ICD10
031.22X1	CONTINUING PREGNANCY AFTER INTRAUTERINE DEATH OF ONE FETUS OR MORE, SECOND TRIMESTER, FETUS 1	Multiple Gestation	ICD10
031.22X2	CONTINUING PREGNANCY AFTER INTRAUTERINE DEATH OF ONE FETUS OR MORE, SECOND TRIMESTER, FETUS 2	Multiple Gestation	ICD10
031.22X3	CONTINUING PREGNANCY AFTER INTRAUTERINE DEATH OF ONE FETUS OR MORE, SECOND TRIMESTER, FETUS 3	Multiple Gestation	ICD10
031.22X4	CONTINUING PREGNANCY AFTER INTRAUTERINE DEATH OF ONE FETUS OR MORE, SECOND TRIMESTER, FETUS 4	Multiple Gestation	ICD10
031.22X5	CONTINUING PREGNANCY AFTER INTRAUTERINE DEATH OF ONE FETUS OR MORE, SECOND TRIMESTER, FETUS 5	Multiple Gestation	ICD10
031.22X9	CONTINUING PREGNANCY AFTER INTRAUTERINE DEATH OF ONE FETUS OR MORE, SECOND TRIMESTER, OTHER FETUS	Multiple Gestation	ICD10
031.23X0	CONTINUING PREGNANCY AFTER INTRAUTERINE DEATH OF ONE FETUS OR MORE, THIRD TRIMESTER, NOT APPLICABLE OR UNSPECIFIED	Multiple Gestation	ICD10
031.23X1	CONTINUING PREGNANCY AFTER INTRAUTERINE DEATH OF ONE FETUS OR MORE, THIRD TRIMESTER, FETUS 1	Multiple Gestation	ICD10
031.23X2	CONTINUING PREGNANCY AFTER INTRAUTERINE DEATH OF ONE FETUS OR MORE, THIRD TRIMESTER, FETUS 2	Multiple Gestation	ICD10
031.23X3	CONTINUING PREGNANCY AFTER INTRAUTERINE DEATH OF ONE FETUS OR MORE, THIRD TRIMESTER, FETUS 3	Multiple Gestation	ICD10
031.23X4	CONTINUING PREGNANCY AFTER INTRAUTERINE DEATH OF ONE FETUS OR MORE, THIRD TRIMESTER, FETUS 4	Multiple Gestation	ICD10
031.23X5	CONTINUING PREGNANCY AFTER INTRAUTERINE DEATH OF ONE FETUS OR MORE, THIRD TRIMESTER, FETUS 5	Multiple Gestation	ICD10
031.23X9	CONTINUING PREGNANCY AFTER INTRAUTERINE DEATH OF ONE FETUS OR MORE, THIRD TRIMESTER, OTHER FETUS	Multiple Gestation	ICD10
651.70	MULTIPLE GESTATION FOLLOWING (ELECTIVE) FETAL REDUCTION, UNSPECIFIED AS TO EPISODE OF CARE OR NOT APPLICABLE	Multiple Gestation	ICD9
651.71	MULTIPLE GESTATION FOLLOWING (ELECTIVE) FETAL REDUCTION, DELIVERED, WITH OR WITHOUT MENTION OF ANTEPARTUM CONDITION	Multiple Gestation	ICD9

SMFM. Coding update for cesarean delivery from ICD-9-CM to ICD-10-CM. Am J Obstet Gynecol 2017.

(continued)

## SUPPLEMENTARY TABLE

**ICD-9-CM and ICD-10-CM codes indicating medical exclusion conditions for low risk for cesarean rate calculations** (continued)

ICD Diagnosis Code	ICD Diagnosis Code Short Description	Risk Factor Classification	ICD code type
651.73	MULTIPLE GESTATION FOLLOWING (ELECTIVE) FETAL REDUCTION, ANTEPARTUM CONDITION OR COMPLICATION	Multiple Gestation	ICD9
031.30X0	CONTINUING PREGNANCY AFTER ELECTIVE FETAL REDUCTION OF ONE FETUS OR MORE, UNSPECIFIED TRIMESTER, NOT APPLICABLE OR UNSPECIFIED	Multiple Gestation	ICD10
031.30X1	CONTINUING PREGNANCY AFTER ELECTIVE FETAL REDUCTION OF ONE FETUS OR MORE, UNSPECIFIED TRIMESTER, FETUS 1	Multiple Gestation	ICD10
031.30X2	CONTINUING PREGNANCY AFTER ELECTIVE FETAL REDUCTION OF ONE FETUS OR MORE, UNSPECIFIED TRIMESTER, FETUS 2	Multiple Gestation	ICD10
031.30X3	CONTINUING PREGNANCY AFTER ELECTIVE FETAL REDUCTION OF ONE FETUS OR MORE, UNSPECIFIED TRIMESTER, FETUS 3	Multiple Gestation	ICD10
031.30X4	CONTINUING PREGNANCY AFTER ELECTIVE FETAL REDUCTION OF ONE FETUS OR MORE, UNSPECIFIED TRIMESTER, FETUS 4	Multiple Gestation	ICD10
031.30X5	CONTINUING PREGNANCY AFTER ELECTIVE FETAL REDUCTION OF ONE FETUS OR MORE, UNSPECIFIED TRIMESTER, FETUS 5	Multiple Gestation	ICD10
031.30X9	CONTINUING PREGNANCY AFTER ELECTIVE FETAL REDUCTION OF ONE FETUS OR MORE, UNSPECIFIED TRIMESTER, OTHER FETUS	Multiple Gestation	ICD10
031.31X0	CONTINUING PREGNANCY AFTER ELECTIVE FETAL REDUCTION OF ONE FETUS OR MORE, FIRST TRIMESTER, NOT APPLICABLE OR UNSPECIFIED	Multiple Gestation	ICD10
031.31X1	CONTINUING PREGNANCY AFTER ELECTIVE FETAL REDUCTION OF ONE FETUS OR MORE, FIRST TRIMESTER, FETUS 1	Multiple Gestation	ICD10
031.31X2	CONTINUING PREGNANCY AFTER ELECTIVE FETAL REDUCTION OF ONE FETUS OR MORE, FIRST TRIMESTER, FETUS 2	Multiple Gestation	ICD10
031.31X3	CONTINUING PREGNANCY AFTER ELECTIVE FETAL REDUCTION OF ONE FETUS OR MORE, FIRST TRIMESTER, FETUS 3	Multiple Gestation	ICD10
031.31X4	CONTINUING PREGNANCY AFTER ELECTIVE FETAL REDUCTION OF ONE FETUS OR MORE, FIRST TRIMESTER, FETUS 4	Multiple Gestation	ICD10
031.31X5	CONTINUING PREGNANCY AFTER ELECTIVE FETAL REDUCTION OF ONE FETUS OR MORE, FIRST TRIMESTER, FETUS 5	Multiple Gestation	ICD10
031.31X9	CONTINUING PREGNANCY AFTER ELECTIVE FETAL REDUCTION OF ONE FETUS OR MORE, FIRST TRIMESTER, OTHER FETUS	Multiple Gestation	ICD10
031.32X0	CONTINUING PREGNANCY AFTER ELECTIVE FETAL REDUCTION OF ONE FETUS OR MORE, SECOND TRIMESTER, NOT APPLICABLE OR UNSPECIFIED	Multiple Gestation	ICD10

SMFM. Coding update for cesarean delivery from ICD-9-CM to ICD-10-CM. Am J Obstet Gynecol 2017.

(continued)

## SUPPLEMENTARY TABLE

**ICD-9-CM and ICD-10-CM codes indicating medical exclusion conditions for low risk for cesarean rate calculations** (continued)

ICD Diagnosis Code	ICD Diagnosis Code Short Description	Risk Factor Classification	ICD code type
031.32X1	CONTINUING PREGNANCY AFTER ELECTIVE FETAL REDUCTION OF ONE FETUS OR MORE, SECOND TRIMESTER, FETUS 1	Multiple Gestation	ICD10
031.32X2	CONTINUING PREGNANCY AFTER ELECTIVE FETAL REDUCTION OF ONE FETUS OR MORE, SECOND TRIMESTER, FETUS 2	Multiple Gestation	ICD10
031.32X3	CONTINUING PREGNANCY AFTER ELECTIVE FETAL REDUCTION OF ONE FETUS OR MORE, SECOND TRIMESTER, FETUS 3	Multiple Gestation	ICD10
031.32X4	CONTINUING PREGNANCY AFTER ELECTIVE FETAL REDUCTION OF ONE FETUS OR MORE, SECOND TRIMESTER, FETUS 4	Multiple Gestation	ICD10
031.32X5	CONTINUING PREGNANCY AFTER ELECTIVE FETAL REDUCTION OF ONE FETUS OR MORE, SECOND TRIMESTER, FETUS 5	Multiple Gestation	ICD10
031.32X9	CONTINUING PREGNANCY AFTER ELECTIVE FETAL REDUCTION OF ONE FETUS OR MORE, SECOND TRIMESTER, OTHER FETUS	Multiple Gestation	ICD10
031.33X0	CONTINUING PREGNANCY AFTER ELECTIVE FETAL REDUCTION OF ONE FETUS OR MORE, THIRD TRIMESTER, NOT APPLICABLE OR UNSPECIFIED	Multiple Gestation	ICD10
031.33X1	CONTINUING PREGNANCY AFTER ELECTIVE FETAL REDUCTION OF ONE FETUS OR MORE, THIRD TRIMESTER, FETUS 1	Multiple Gestation	ICD10
031.33X2	CONTINUING PREGNANCY AFTER ELECTIVE FETAL REDUCTION OF ONE FETUS OR MORE, THIRD TRIMESTER, FETUS 2	Multiple Gestation	ICD10
031.33X3	CONTINUING PREGNANCY AFTER ELECTIVE FETAL REDUCTION OF ONE FETUS OR MORE, THIRD TRIMESTER, FETUS 3	Multiple Gestation	ICD10
031.33X4	CONTINUING PREGNANCY AFTER ELECTIVE FETAL REDUCTION OF ONE FETUS OR MORE, THIRD TRIMESTER, FETUS 4	Multiple Gestation	ICD10
031.33X5	CONTINUING PREGNANCY AFTER ELECTIVE FETAL REDUCTION OF ONE FETUS OR MORE, THIRD TRIMESTER, FETUS 5	Multiple Gestation	ICD10
031.33X9	CONTINUING PREGNANCY AFTER ELECTIVE FETAL REDUCTION OF ONE FETUS OR MORE, THIRD TRIMESTER, OTHER FETUS	Multiple Gestation	ICD10
651.80	OTHER SPECIFIED MULTIPLE GESTATION, UNSPECIFIED AS TO EPISODE OF CARE OR NOT APPLICABLE	Multiple Gestation	ICD9
651.81	OTHER SPECIFIED MULTIPLE GESTATION, DELIVERED, WITH OR WITHOUT MENTION OF ANTEPARTUM CONDITION	Multiple Gestation	ICD9
651.83	OTHER SPECIFIED MULTIPLE GESTATION, ANTEPARTUM CONDITION OR COMPLICATION	Multiple Gestation	ICD9
030.809	OTHER SPECIFIED MULTIPLE GESTATION, UNSPECIFIED NUMBER OF PLACENTA AND UNSPECIFIED NUMBER OF AMNIOTIC SACS, UNSPECIFIED TRIMESTER	Multiple Gestation	ICD10

SMFM. Coding update for cesarean delivery from ICD-9-CM to ICD-10-CM. Am J Obstet Gynecol 2017.

(continued)

## SUPPLEMENTARY TABLE

**ICD-9-CM and ICD-10-CM codes indicating medical exclusion conditions for low risk for cesarean rate calculations** (continued)

ICD Diagnosis Code	ICD Diagnosis Code Short Description	Risk Factor Classification	ICD code type
030.829	OTHER SPECIFIED MULTIPLE GESTATION WITH TWO OR MORE MONOAMNIOTIC FETUSES, UNSPECIFIED TRIMESTER	Multiple Gestation	ICD10
030.899	OTHER SPECIFIED MULTIPLE GESTATION, UNABLE TO DETERMINE NUMBER OF PLACENTA AND NUMBER OF AMNIOTIC SACS, UNSPECIFIED TRIMESTER	Multiple Gestation	ICD10
030.801	OTHER SPECIFIED MULTIPLE GESTATION, UNSPECIFIED NUMBER OF PLACENTA AND UNSPECIFIED NUMBER OF AMNIOTIC SACS, FIRST TRIMESTER	Multiple Gestation	ICD10
030.802	OTHER SPECIFIED MULTIPLE GESTATION, UNSPECIFIED NUMBER OF PLACENTA AND UNSPECIFIED NUMBER OF AMNIOTIC SACS, SECOND TRIMESTER	Multiple Gestation	ICD10
030.803	OTHER SPECIFIED MULTIPLE GESTATION, UNSPECIFIED NUMBER OF PLACENTA AND UNSPECIFIED NUMBER OF AMNIOTIC SACS, THIRD TRIMESTER	Multiple Gestation	ICD10
030.821	OTHER SPECIFIED MULTIPLE GESTATION WITH TWO OR MORE MONOAMNIOTIC FETUSES, FIRST TRIMESTER	Multiple Gestation	ICD10
030.822	OTHER SPECIFIED MULTIPLE GESTATION WITH TWO OR MORE MONOAMNIOTIC FETUSES, SECOND TRIMESTER	Multiple Gestation	ICD10
030.823	OTHER SPECIFIED MULTIPLE GESTATION WITH TWO OR MORE MONOAMNIOTIC FETUSES, THIRD TRIMESTER	Multiple Gestation	ICD10
030.891	OTHER SPECIFIED MULTIPLE GESTATION, UNABLE TO DETERMINE NUMBER OF PLACENTA AND NUMBER OF AMNIOTIC SACS, FIRST TRIMESTER	Multiple Gestation	ICD10
030.892	OTHER SPECIFIED MULTIPLE GESTATION, UNABLE TO DETERMINE NUMBER OF PLACENTA AND NUMBER OF AMNIOTIC SACS, SECOND TRIMESTER	Multiple Gestation	ICD10
030.893	OTHER SPECIFIED MULTIPLE GESTATION, UNABLE TO DETERMINE NUMBER OF PLACENTA AND NUMBER OF AMNIOTIC SACS, THIRD TRIMESTER	Multiple Gestation	ICD10
031.8X10	OTHER COMPLICATIONS SPECIFIC TO MULTIPLE GESTATION, FIRST TRIMESTER, NOT APPLICABLE OR UNSPECIFIED	Multiple Gestation	ICD10
031.8X11	OTHER COMPLICATIONS SPECIFIC TO MULTIPLE GESTATION, FIRST TRIMESTER, FETUS 1	Multiple Gestation	ICD10
031.8X12	OTHER COMPLICATIONS SPECIFIC TO MULTIPLE GESTATION, FIRST TRIMESTER, FETUS 2	Multiple Gestation	ICD10
031.8X13	OTHER COMPLICATIONS SPECIFIC TO MULTIPLE GESTATION, FIRST TRIMESTER, FETUS 3	Multiple Gestation	ICD10
031.8X14	OTHER COMPLICATIONS SPECIFIC TO MULTIPLE GESTATION, FIRST TRIMESTER, FETUS 4	Multiple Gestation	ICD10
031.8X15	OTHER COMPLICATIONS SPECIFIC TO MULTIPLE GESTATION, FIRST TRIMESTER, FETUS 5	Multiple Gestation	ICD10
031.8X19	OTHER COMPLICATIONS SPECIFIC TO MULTIPLE GESTATION, FIRST TRIMESTER, OTHER FETUS	Multiple Gestation	ICD10
031.8X20	OTHER COMPLICATIONS SPECIFIC TO MULTIPLE GESTATION, SECOND TRIMESTER, NOT APPLICABLE OR UNSPECIFIED	Multiple Gestation	ICD10

SMFM. Coding update for cesarean delivery from ICD-9-CM to ICD-10-CM. Am J Obstet Gynecol 2017.

(continued)

## SUPPLEMENTARY TABLE

**ICD-9-CM and ICD-10-CM codes indicating medical exclusion conditions for low risk for cesarean rate calculations** *(continued)*

ICD Diagnosis Code	ICD Diagnosis Code Short Description	Risk Factor Classification	ICD code type
031.8X21	OTHER COMPLICATIONS SPECIFIC TO MULTIPLE GESTATION, SECOND TRIMESTER, FETUS 1	Multiple Gestation	ICD10
031.8X22	OTHER COMPLICATIONS SPECIFIC TO MULTIPLE GESTATION, SECOND TRIMESTER, FETUS 2	Multiple Gestation	ICD10
031.8X23	OTHER COMPLICATIONS SPECIFIC TO MULTIPLE GESTATION, SECOND TRIMESTER, FETUS 3	Multiple Gestation	ICD10
031.8X24	OTHER COMPLICATIONS SPECIFIC TO MULTIPLE GESTATION, SECOND TRIMESTER, FETUS 4	Multiple Gestation	ICD10
031.8X25	OTHER COMPLICATIONS SPECIFIC TO MULTIPLE GESTATION, SECOND TRIMESTER, FETUS 5	Multiple Gestation	ICD10
031.8X29	OTHER COMPLICATIONS SPECIFIC TO MULTIPLE GESTATION, SECOND TRIMESTER, OTHER FETUS	Multiple Gestation	ICD10
031.8X30	OTHER COMPLICATIONS SPECIFIC TO MULTIPLE GESTATION, THIRD TRIMESTER, NOT APPLICABLE OR UNSPECIFIED	Multiple Gestation	ICD10
031.8X31	OTHER COMPLICATIONS SPECIFIC TO MULTIPLE GESTATION, THIRD TRIMESTER, FETUS 1	Multiple Gestation	ICD10
031.8X32	OTHER COMPLICATIONS SPECIFIC TO MULTIPLE GESTATION, THIRD TRIMESTER, FETUS 2	Multiple Gestation	ICD10
031.8X33	OTHER COMPLICATIONS SPECIFIC TO MULTIPLE GESTATION, THIRD TRIMESTER, FETUS 3	Multiple Gestation	ICD10
031.8X34	OTHER COMPLICATIONS SPECIFIC TO MULTIPLE GESTATION, THIRD TRIMESTER, FETUS 4	Multiple Gestation	ICD10
031.8X35	OTHER COMPLICATIONS SPECIFIC TO MULTIPLE GESTATION, THIRD TRIMESTER, FETUS 5	Multiple Gestation	ICD10
031.8X39	OTHER COMPLICATIONS SPECIFIC TO MULTIPLE GESTATION, THIRD TRIMESTER, OTHER FETUS	Multiple Gestation	ICD10
030.811	OTHER SPECIFIED MULTIPLE GESTATION WITH TWO OR MORE MONOCHORIONIC FETUSES, FIRST TRIMESTER	Multiple Gestation	ICD10
030.812	OTHER SPECIFIED MULTIPLE GESTATION WITH TWO OR MORE MONOCHORIONIC FETUSES, SECOND TRIMESTER	Multiple Gestation	ICD10
651.90	UNSPECIFIED MULTIPLE GESTATION, UNSPECIFIED AS TO EPISODE OF CARE OR NOT APPLICABLE	Multiple Gestation	ICD9
651.91	UNSPECIFIED MULTIPLE GESTATION, DELIVERED, WITH OR WITHOUT MENTION OF ANTEPARTUM CONDITION	Multiple Gestation	ICD9
651.93	UNSPECIFIED MULTIPLE GESTATION, ANTEPARTUM CONDITION OR COMPLICATION	Multiple Gestation	ICD9
030.90	MULTIPLE GESTATION, UNSPECIFIED, UNSPECIFIED TRIMESTER	Multiple Gestation	ICD10
030.91	MULTIPLE GESTATION, UNSPECIFIED, FIRST TRIMESTER	Multiple Gestation	ICD10
030.92	MULTIPLE GESTATION, UNSPECIFIED, SECOND TRIMESTER	Multiple Gestation	ICD10
030.93	MULTIPLE GESTATION, UNSPECIFIED, THIRD TRIMESTER	Multiple Gestation	ICD10
031.8X90	OTHER COMPLICATIONS SPECIFIC TO MULTIPLE GESTATION, UNSPECIFIED TRIMESTER, NOT APPLICABLE OR UNSPECIFIED	Multiple Gestation	ICD10

SMFM. Coding update for cesarean delivery from ICD-9-CM to ICD-10-CM. Am J Obstet Gynecol 2017.

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## SUPPLEMENTARY TABLE

**ICD-9-CM and ICD-10-CM codes indicating medical exclusion conditions for low risk for cesarean rate calculations** (continued)

ICD Diagnosis Code	ICD Diagnosis Code Short Description	Risk Factor Classification	ICD code type
031.8X91	OTHER COMPLICATIONS SPECIFIC TO MULTIPLE GESTATION, UNSPECIFIED TRIMESTER, FETUS 1	Multiple Gestation	ICD10
031.8X92	OTHER COMPLICATIONS SPECIFIC TO MULTIPLE GESTATION, UNSPECIFIED TRIMESTER, FETUS 2	Multiple Gestation	ICD10
031.8X93	OTHER COMPLICATIONS SPECIFIC TO MULTIPLE GESTATION, UNSPECIFIED TRIMESTER, FETUS 3	Multiple Gestation	ICD10
031.8X94	OTHER COMPLICATIONS SPECIFIC TO MULTIPLE GESTATION, UNSPECIFIED TRIMESTER, FETUS 4	Multiple Gestation	ICD10
031.8X95	OTHER COMPLICATIONS SPECIFIC TO MULTIPLE GESTATION, UNSPECIFIED TRIMESTER, FETUS 5	Multiple Gestation	ICD10
031.8X99	OTHER COMPLICATIONS SPECIFIC TO MULTIPLE GESTATION, UNSPECIFIED TRIMESTER, OTHER FETUS	Multiple Gestation	ICD10
032.0XX1	MATERNAL CARE FOR UNSTABLE LIE, FETUS 1	Multiple Gestation	ICD10
032.0XX2	MATERNAL CARE FOR UNSTABLE LIE, FETUS 2	Multiple Gestation	ICD10
032.0XX3	MATERNAL CARE FOR UNSTABLE LIE, FETUS 3	Multiple Gestation	ICD10
032.0XX4	MATERNAL CARE FOR UNSTABLE LIE, FETUS 4	Multiple Gestation	ICD10
032.0XX5	MATERNAL CARE FOR UNSTABLE LIE, FETUS 5	Multiple Gestation	ICD10
032.0XX9	MATERNAL CARE FOR UNSTABLE LIE, OTHER FETUS	Multiple Gestation	ICD10
033.7XX0	MATERNAL CARE FOR DISPROPORTION DUE TO OTHER FETAL DEFORMITIES, FETUS 1	Multiple Gestation	ICD10
033.7XX1	MATERNAL CARE FOR DISPROPORTION DUE TO OTHER FETAL DEFORMITIES, FETUS 2	Multiple Gestation	ICD10
033.7XX2	MATERNAL CARE FOR DISPROPORTION DUE TO OTHER FETAL DEFORMITIES, FETUS 3	Multiple Gestation	ICD10
033.7XX3	MATERNAL CARE FOR DISPROPORTION DUE TO OTHER FETAL DEFORMITIES, FETUS 4	Multiple Gestation	ICD10
033.7XX4	MATERNAL CARE FOR DISPROPORTION DUE TO OTHER FETAL DEFORMITIES, FETUS 5	Multiple Gestation	ICD10
033.7XX5	MATERNAL CARE FOR DISPROPORTION DUE TO OTHER FETAL DEFORMITIES, FETUS 6	Multiple Gestation	ICD10
033.7XX9	MATERNAL CARE FOR DISPROPORTION DUE TO OTHER FETAL DEFORMITIES, OTHER FETUS	Multiple Gestation	ICD10
064.8XX1	OBSTRUCTED LABOR DUE TO OTH MALPOS AND MALPRESENT, FETUS 1	Multiple Gestation	ICD10
064.8XX2	OBSTRUCTED LABOR DUE TO OTH MALPOS AND MALPRESENT, FETUS 2	Multiple Gestation	ICD10
064.8XX3	OBSTRUCTED LABOR DUE TO OTH MALPOS AND MALPRESENT, FETUS 3	Multiple Gestation	ICD10
064.8XX4	OBSTRUCTED LABOR DUE TO OTH MALPOS AND MALPRESENT, FETUS 4	Multiple Gestation	ICD10
064.8XX5	OBSTRUCTED LABOR DUE TO OTH MALPOS AND MALPRESENT, FETUS 5	Multiple Gestation	ICD10
064.8XX9	OBSTRUCTED LABOR DUE TO OTH MALPOSITION AND MALPRESENT, OTH	Multiple Gestation	ICD10

SMFM. Coding update for cesarean delivery from ICD-9-CM to ICD-10-CM. Am J Obstet Gynecol 2017.

(continued)

## SUPPLEMENTARY TABLE

**ICD-9-CM and ICD-10-CM codes indicating medical exclusion conditions for low risk for cesarean rate calculations** (continued)

ICD Diagnosis Code	ICD Diagnosis Code Short Description	Risk Factor Classification	ICD code type
064.9XX1	OBSTRUCTED LABOR DUE TO MALPOS AND MALPRESENT, UNSP, FETUS 1	Multiple Gestation	ICD10
064.9XX2	OBSTRUCTED LABOR DUE TO MALPOS AND MALPRESENT, UNSP, FETUS 2	Multiple Gestation	ICD10
064.9XX3	OBSTRUCTED LABOR DUE TO MALPOS AND MALPRESENT, UNSP, FETUS 3	Multiple Gestation	ICD10
064.9XX4	OBSTRUCTED LABOR DUE TO MALPOS AND MALPRESENT, UNSP, FETUS 4	Multiple Gestation	ICD10
064.9XX5	OBSTRUCTED LABOR DUE TO MALPOS AND MALPRESENT, UNSP, FETUS 5	Multiple Gestation	ICD10
064.9XX9	OBSTRUCTED LABOR DUE TO MALPOS AND MALPRESENT, UNSP, OTH	Multiple Gestation	ICD10
652.60	MULTIPLE GESTATION WITH MALPRESENTATION OF ONE FETUS OR MORE, UNSPECIFIED AS TO EPISODE OF CARE OR NOT APPLICABLE	Multiple Gestation	ICD9
652.61	MULTIPLE GESTATION WITH MALPRESENTATION OF ONE FETUS OR MORE, DELIVERED,	Multiple Gestation	ICD9
652.63	MULTIPLE GESTATION WITH MALPRESENTATION OF ONE FETUS OR MORE, ANTEPARTUM	Multiple Gestation	ICD9
032.9XX1	MATERNAL CARE FOR MALPRESENTATION OF FETUS, UNSPECIFIED, FETUS 1	Multiple Gestation	ICD10
032.9XX2	MATERNAL CARE FOR MALPRESENTATION OF FETUS, UNSPECIFIED, FETUS 2	Multiple Gestation	ICD10
032.9XX3	MATERNAL CARE FOR MALPRESENTATION OF FETUS, UNSPECIFIED, FETUS 3	Multiple Gestation	ICD10
032.9XX4	MATERNAL CARE FOR MALPRESENTATION OF FETUS, UNSPECIFIED, FETUS 4	Multiple Gestation	ICD10
032.9XX5	MATERNAL CARE FOR MALPRESENTATION OF FETUS, UNSPECIFIED, FETUS 5	Multiple Gestation	ICD10
032.9XX9	MATERNAL CARE FOR MALPRESENTATION OF FETUS, UNSPECIFIED, OTHER FETUS	Multiple Gestation	ICD10
066.6	OBSTRUCTED LABOR DUE TO OTHER MULTIPLE FETUSES	Multiple Gestation	ICD10
V27.2	OUTCOME OF DELIVERY, TWINS, BOTH LIVEBORN	Multiple Gestation	ICD9
V27.5	OUTCOME OF DELIVERY, OTHER MULTIPLE BIRTH, ALL LIVEBORN	Multiple Gestation	ICD9
V27.6	OUTCOME OF DELIVERY, OTHER MULTIPLE BIRTH, SOME LIVEBORN	Multiple Gestation	ICD9
Z37.2	TWINS, BOTH LIVEBORN	Multiple Gestation	ICD10
Z37.50	MULTIPLE BIRTHS, UNSPECIFIED, ALL LIVEBORN	Multiple Gestation	ICD10
Z37.51	TRIPLETS, ALL LIVEBORN	Multiple Gestation	ICD10
Z37.52	QUADRUPELTS, ALL LIVEBORN	Multiple Gestation	ICD10
Z37.53	QUINTUPLETS, ALL LIVEBORN	Multiple Gestation	ICD10
Z37.54	SEXTUPLETS, ALL LIVEBORN	Multiple Gestation	ICD10
Z37.59	OTHER MULTIPLE BIRTHS, ALL LIVEBORN	Multiple Gestation	ICD10

SMFM. Coding update for cesarean delivery from ICD-9-CM to ICD-10-CM. Am J Obstet Gynecol 2017.

(continued)

## SUPPLEMENTARY TABLE

**ICD-9-CM and ICD-10-CM codes indicating medical exclusion conditions for low risk for cesarean rate calculations** (continued)

ICD Diagnosis Code	ICD Diagnosis Code Short Description	Risk Factor Classification	ICD code type
Z37.60	MULTIPLE BIRTHS, UNSPECIFIED, SOME LIVEBORN	Multiple Gestation	ICD10
Z37.61	TRIPLETS, SOME LIVEBORN	Multiple Gestation	ICD10
Z37.62	QUADRUPELTS, SOME LIVEBORN	Multiple Gestation	ICD10
Z37.63	QUINTUPLETS, SOME LIVEBORN	Multiple Gestation	ICD10
Z37.64	SEXTUPLETS, SOME LIVEBORN	Multiple Gestation	ICD10
Z37.69	OTHER MULTIPLE BIRTHS, SOME LIVEBORN	Multiple Gestation	ICD10
V91.21	QUADRUPELLET GESTATION, WITH TWO OR MORE MONOCHORIONIC FETUSES	Multiple Gestation	ICD9
V91.91	OTHER SPECIFIED MULTIPLE GESTATION, WITH TWO OR MORE MONOCHORIONIC FETUSES	Multiple Gestation	ICD9
V91.92	OTHER SPECIFIED MULTIPLE GESTATION, WITH TWO OR MORE MONOAMNIOTIC FETUSES	Multiple Gestation	ICD9
V91.99	OTHER SPECIFIED MULTIPLE GESTATION, UNABLE TO DETERMINE NUMBER OF PLACENTA AND NUMBER OF AMNIOTIC SACS	Multiple Gestation	ICD9
O30.219	QUADRUPELLET PREGNANCY WITH TWO OR MORE MONOCHORIONIC FETUSES, UNSPECIFIED TRIMESTER	Multiple Gestation	ICD10
O30.813	OTHER SPECIFIED MULTIPLE GESTATION WITH TWO OR MORE MONOCHORIONIC FETUSES, THIRD TRIMESTER	Multiple Gestation	ICD10
O30.819	OTHER SPECIFIED MULTIPLE GESTATION WITH TWO OR MORE MONOCHORIONIC FETUSES, UNSPECIFIED TRIMESTER	Multiple Gestation	ICD10
660.50	LOCKED TWINS, UNSPECIFIED AS TO EPISODE OF CARE OR NOT APPLICABLE	Multiple Gestation	ICD9
660.51	LOCKED TWINS, DELIVERED, WITH OR WITHOUT MENTION OF ANTEPARTUM CONDITION	Multiple Gestation	ICD9
660.53	LOCKED TWINS, ANTEPARTUM CONDITION OR COMPLICATION	Multiple Gestation	ICD9
O66.1	OBSTRUCTED LABOR DUE TO LOCKED TWINS	Multiple Gestation	ICD10
761.5	MULTIPLE PREGNANCY AFFECTING FETUS OR NEWBORN	Multiple Gestation	ICD9
P01.5	NEWBORN (SUSPECTED TO BE) AFFECTED BY MULTIPLE PREGNANCY	Multiple Gestation	ICD10
662.30	DELAYED DELIVERY OF SECOND TWIN, TRIPLET, ETC., UNSPECIFIED AS TO EPISODE OF CARE OR NOT APPLICABLE	Multiple Gestation	ICD9
662.31	DELAYED DELIVERY OF SECOND TWIN, TRIPLET, ETC., DELIVERED, WITH OR WITHOUT MENTION OF ANTEPARTUM CONDITION	Multiple Gestation	ICD9
662.33	DELAYED DELIVERY OF SECOND TWIN, TRIPLET, ETC., ANTEPARTUM CONDITION OR COMPLICATION	Multiple Gestation	ICD9
O63.2	DELAYED DELIVERY OF SECOND TWIN, TRIPLET, ETC.	Multiple Gestation	ICD10
O31.00X1	PAPYRACEOUS FETUS, UNSPECIFIED TRIMESTER, FETUS 1	Multiple Gestation	ICD10
O31.00X2	PAPYRACEOUS FETUS, UNSPECIFIED TRIMESTER, FETUS 2	Multiple Gestation	ICD10

SMFM. Coding update for cesarean delivery from ICD-9-CM to ICD-10-CM. Am J Obstet Gynecol 2017.

(continued)

## SUPPLEMENTARY TABLE

**ICD-9-CM and ICD-10-CM codes indicating medical exclusion conditions for low risk for cesarean rate calculations** (continued)

ICD Diagnosis Code	ICD Diagnosis Code Short Description	Risk Factor Classification	ICD code type
031.00X3	PAPYRACEOUS FETUS, UNSPECIFIED TRIMESTER, FETUS 3	Multiple Gestation	ICD10
031.00X4	PAPYRACEOUS FETUS, UNSPECIFIED TRIMESTER, FETUS 4	Multiple Gestation	ICD10
031.00X5	PAPYRACEOUS FETUS, UNSPECIFIED TRIMESTER, FETUS 5	Multiple Gestation	ICD10
031.00X9	PAPYRACEOUS FETUS, UNSPECIFIED TRIMESTER, OTHER FETUS	Multiple Gestation	ICD10
031.01X1	PAPYRACEOUS FETUS, FIRST TRIMESTER, FETUS 1	Multiple Gestation	ICD10
031.01X2	PAPYRACEOUS FETUS, FIRST TRIMESTER, FETUS 2	Multiple Gestation	ICD10
031.01X3	PAPYRACEOUS FETUS, FIRST TRIMESTER, FETUS 3	Multiple Gestation	ICD10
031.01X4	PAPYRACEOUS FETUS, FIRST TRIMESTER, FETUS 4	Multiple Gestation	ICD10
031.01X5	PAPYRACEOUS FETUS, FIRST TRIMESTER, FETUS 5	Multiple Gestation	ICD10
031.01X9	PAPYRACEOUS FETUS, FIRST TRIMESTER, OTHER FETUS	Multiple Gestation	ICD10
031.02X1	PAPYRACEOUS FETUS, SECOND TRIMESTER, FETUS 1	Multiple Gestation	ICD10
031.02X2	PAPYRACEOUS FETUS, SECOND TRIMESTER, FETUS 2	Multiple Gestation	ICD10
031.02X3	PAPYRACEOUS FETUS, SECOND TRIMESTER, FETUS 3	Multiple Gestation	ICD10
031.02X4	PAPYRACEOUS FETUS, SECOND TRIMESTER, FETUS 4	Multiple Gestation	ICD10
031.02X5	PAPYRACEOUS FETUS, SECOND TRIMESTER, FETUS 5	Multiple Gestation	ICD10
031.02X9	PAPYRACEOUS FETUS, SECOND TRIMESTER, OTHER FETUS	Multiple Gestation	ICD10
031.03X1	PAPYRACEOUS FETUS, THIRD TRIMESTER, FETUS 1	Multiple Gestation	ICD10
031.03X2	PAPYRACEOUS FETUS, THIRD TRIMESTER, FETUS 2	Multiple Gestation	ICD10
031.03X3	PAPYRACEOUS FETUS, THIRD TRIMESTER, FETUS 3	Multiple Gestation	ICD10
031.03X4	PAPYRACEOUS FETUS, THIRD TRIMESTER, FETUS 4	Multiple Gestation	ICD10
031.03X5	PAPYRACEOUS FETUS, THIRD TRIMESTER, FETUS 5	Multiple Gestation	ICD10
031.03X9	PAPYRACEOUS FETUS, THIRD TRIMESTER, OTHER FETUS	Multiple Gestation	ICD10
032.1XX1	MATERNAL CARE FOR BREECH PRESENTATION, FETUS 1	Multiple Gestation	ICD10
032.1XX2	MATERNAL CARE FOR BREECH PRESENTATION, FETUS 2	Multiple Gestation	ICD10
032.1XX3	MATERNAL CARE FOR BREECH PRESENTATION, FETUS 3	Multiple Gestation	ICD10
032.1XX4	MATERNAL CARE FOR BREECH PRESENTATION, FETUS 4	Multiple Gestation	ICD10
032.1XX5	MATERNAL CARE FOR BREECH PRESENTATION, FETUS 5	Multiple Gestation	ICD10
032.1XX9	MATERNAL CARE FOR BREECH PRESENTATION, OTHER FETUS	Multiple Gestation	ICD10
032.2XX1	MATERNAL CARE FOR TRANSVERSE AND OBLIQUE LIE, FETUS 1	Multiple Gestation	ICD10

SMFM. Coding update for cesarean delivery from ICD-9-CM to ICD-10-CM. Am J Obstet Gynecol 2017.

(continued)

## SUPPLEMENTARY TABLE

**ICD-9-CM and ICD-10-CM codes indicating medical exclusion conditions for low risk for cesarean rate calculations** (continued)

ICD Diagnosis Code	ICD Diagnosis Code Short Description	Risk Factor Classification	ICD code type
032.2XX2	MATERNAL CARE FOR TRANSVERSE AND OBLIQUE LIE, FETUS 2	Multiple Gestation	ICD10
032.2XX3	MATERNAL CARE FOR TRANSVERSE AND OBLIQUE LIE, FETUS 3	Multiple Gestation	ICD10
032.2XX4	MATERNAL CARE FOR TRANSVERSE AND OBLIQUE LIE, FETUS 4	Multiple Gestation	ICD10
032.2XX5	MATERNAL CARE FOR TRANSVERSE AND OBLIQUE LIE, FETUS 5	Multiple Gestation	ICD10
032.2XX9	MATERNAL CARE FOR TRANSVERSE AND OBLIQUE LIE, OTHER FETUS	Multiple Gestation	ICD10
032.3XX1	MATERNAL CARE FOR FACE, BROW AND CHIN PRESENTATION, FETUS 1	Multiple Gestation	ICD10
032.3XX2	MATERNAL CARE FOR FACE, BROW AND CHIN PRESENTATION, FETUS 2	Multiple Gestation	ICD10
032.3XX3	MATERNAL CARE FOR FACE, BROW AND CHIN PRESENTATION, FETUS 3	Multiple Gestation	ICD10
032.3XX4	MATERNAL CARE FOR FACE, BROW AND CHIN PRESENTATION, FETUS 4	Multiple Gestation	ICD10
032.3XX5	MATERNAL CARE FOR FACE, BROW AND CHIN PRESENTATION, FETUS 5	Multiple Gestation	ICD10
032.3XX9	MATERNAL CARE FOR FACE, BROW AND CHIN PRESENTATION, OTHER FETUS	Multiple Gestation	ICD10
032.4XX1	MATERNAL CARE FOR HIGH HEAD AT TERM, FETUS 1	Multiple Gestation	ICD10
032.4XX2	MATERNAL CARE FOR HIGH HEAD AT TERM, FETUS 2	Multiple Gestation	ICD10
032.4XX3	MATERNAL CARE FOR HIGH HEAD AT TERM, FETUS 3	Multiple Gestation	ICD10
032.4XX4	MATERNAL CARE FOR HIGH HEAD AT TERM, FETUS 4	Multiple Gestation	ICD10
032.4XX5	MATERNAL CARE FOR HIGH HEAD AT TERM, FETUS 5	Multiple Gestation	ICD10
032.4XX9	MATERNAL CARE FOR HIGH HEAD AT TERM, OTHER FETUS	Multiple Gestation	ICD10
032.6XX1	MATERNAL CARE FOR COMPOUND PRESENTATION, FETUS 1	Multiple Gestation	ICD10
032.6XX2	MATERNAL CARE FOR COMPOUND PRESENTATION, FETUS 2	Multiple Gestation	ICD10
032.6XX3	MATERNAL CARE FOR COMPOUND PRESENTATION, FETUS 3	Multiple Gestation	ICD10
032.6XX4	MATERNAL CARE FOR COMPOUND PRESENTATION, FETUS 4	Multiple Gestation	ICD10
032.6XX5	MATERNAL CARE FOR COMPOUND PRESENTATION, FETUS 5	Multiple Gestation	ICD10
032.6XX9	MATERNAL CARE FOR COMPOUND PRESENTATION, OTHER FETUS	Multiple Gestation	ICD10
032.8XX1	MATERNAL CARE FOR OTHER MALPRESENTATION OF FETUS, FETUS 1	Multiple Gestation	ICD10
032.8XX2	MATERNAL CARE FOR OTHER MALPRESENTATION OF FETUS, FETUS 2	Multiple Gestation	ICD10

SMFM. Coding update for cesarean delivery from ICD-9-CM to ICD-10-CM. Am J Obstet Gynecol 2017.

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**SUPPLEMENTARY TABLE****ICD-9-CM and ICD-10-CM codes indicating medical exclusion conditions for low risk for cesarean rate calculations** *(continued)*

ICD Diagnosis Code	ICD Diagnosis Code Short Description	Risk Factor Classification	ICD code type
032.8XX3	MATERNAL CARE FOR OTHER MALPRESENTATION OF FETUS, FETUS 3	Multiple Gestation	ICD10
032.8XX4	MATERNAL CARE FOR OTHER MALPRESENTATION OF FETUS, FETUS 4	Multiple Gestation	ICD10
032.8XX5	MATERNAL CARE FOR OTHER MALPRESENTATION OF FETUS, FETUS 5	Multiple Gestation	ICD10
032.8XX9	MATERNAL CARE FOR OTH MALPRESENTATION OF FETUS, OTHER FETUS	Multiple Gestation	ICD10
033.3XX1	MATERN CARE FOR DISPROPRTN D/T OUTLET CONTRCTN OF PELV, FTS1	Multiple Gestation	ICD10
033.3XX2	MATERN CARE FOR DISPROPRTN D/T OUTLET CONTRCTN OF PELV, FTS2	Multiple Gestation	ICD10
033.3XX3	MATERN CARE FOR DISPROPRTN D/T OUTLET CONTRCTN OF PELV, FTS3	Multiple Gestation	ICD10
033.3XX4	MATERN CARE FOR DISPROPRTN D/T OUTLET CONTRCTN OF PELV, FTS4	Multiple Gestation	ICD10
033.3XX5	MATERN CARE FOR DISPROPRTN D/T OUTLET CONTRCTN OF PELV, FTS5	Multiple Gestation	ICD10
033.3XX9	MATERN CARE FOR DISPROPRTN D/T OUTLET CONTRCTN OF PELV, OTH	Multiple Gestation	ICD10
033.4XX1	MATERN CARE FOR DISPROPRTN OF MIX MATERN & FETL ORIGIN, FTS1	Multiple Gestation	ICD10
033.4XX2	MATERN CARE FOR DISPROPRTN OF MIX MATERN & FETL ORIGIN, FTS2	Multiple Gestation	ICD10
033.4XX3	MATERN CARE FOR DISPROPRTN OF MIX MATERN & FETL ORIGIN, FTS3	Multiple Gestation	ICD10
033.4XX4	MATERN CARE FOR DISPROPRTN OF MIX MATERN & FETL ORIGIN, FTS4	Multiple Gestation	ICD10
033.4XX5	MATERN CARE FOR DISPROPRTN OF MIX MATERN & FETL ORIGIN, FTS5	Multiple Gestation	ICD10
033.4XX9	MATERN CARE FOR DISPROPRTN OF MIX MATERN & FETL ORIGIN, OTH	Multiple Gestation	ICD10
033.5XX1	MATERN CARE FOR DISPROPRTN D/T UNUSUALLY LARGE FETUS, FTS1	Multiple Gestation	ICD10
033.5XX2	MATERN CARE FOR DISPROPRTN D/T UNUSUALLY LARGE FETUS, FTS2	Multiple Gestation	ICD10
033.5XX3	MATERN CARE FOR DISPROPRTN D/T UNUSUALLY LARGE FETUS, FTS3	Multiple Gestation	ICD10
033.5XX4	MATERN CARE FOR DISPROPRTN D/T UNUSUALLY LARGE FETUS, FTS4	Multiple Gestation	ICD10
033.5XX5	MATERN CARE FOR DISPROPRTN D/T UNUSUALLY LARGE FETUS, FTS5	Multiple Gestation	ICD10
033.5XX9	MATERN CARE FOR DISPROPRTN DUE TO UNUSUALLY LARGE FETUS, OTH	Multiple Gestation	ICD10
033.6XX1	MATERNAL CARE FOR DISPROPORTION DUE TO HYDROCEPHALIC FETUS, FETUS 1	Multiple Gestation	ICD10

SMFM. Coding update for cesarean delivery from ICD-9-CM to ICD-10-CM. Am J Obstet Gynecol 2017.

*(continued)*

## SUPPLEMENTARY TABLE

**ICD-9-CM and ICD-10-CM codes indicating medical exclusion conditions for low risk for cesarean rate calculations** (continued)

ICD Diagnosis Code	ICD Diagnosis Code Short Description	Risk Factor Classification	ICD code type
033.6XX2	MATERNAL CARE FOR DISPROPORTION DUE TO HYDROCEPHALIC FETUS, FETUS 2	Multiple Gestation	ICD10
033.6XX3	MATERNAL CARE FOR DISPROPORTION DUE TO HYDROCEPHALIC FETUS, FETUS 3	Multiple Gestation	ICD10
033.6XX4	MATERNAL CARE FOR DISPROPORTION DUE TO HYDROCEPHALIC FETUS, FETUS 4	Multiple Gestation	ICD10
033.6XX5	MATERNAL CARE FOR DISPROPORTION DUE TO HYDROCEPHALIC FETUS, FETUS 5	Multiple Gestation	ICD10
033.6XX9	MATERNAL CARE FOR DISPROPORTION DUE TO HYDROCEPHALIC FETUS, OTHER FETUS	Multiple Gestation	ICD10
035.0XX1	MATERNAL CARE FOR (SUSPECTED) CENTRAL NERVOUS SYSTEM MALFORMATION IN FETUS, FETUS 1	Multiple Gestation	ICD10
035.0XX2	MATERNAL CARE FOR (SUSPECTED) CENTRAL NERVOUS SYSTEM MALFORMATION IN FETUS, FETUS 2	Multiple Gestation	ICD10
035.0XX3	MATERNAL CARE FOR (SUSPECTED) CENTRAL NERVOUS SYSTEM MALFORMATION IN FETUS, FETUS 3	Multiple Gestation	ICD10
035.0XX4	MATERNAL CARE FOR (SUSPECTED) CENTRAL NERVOUS SYSTEM MALFORMATION IN FETUS, FETUS 4	Multiple Gestation	ICD10
035.0XX5	MATERNAL CARE FOR (SUSPECTED) CENTRAL NERVOUS SYSTEM MALFORMATION IN FETUS, FETUS 5	Multiple Gestation	ICD10
035.0XX9	MATERNAL CARE FOR (SUSPECTED) CENTRAL NERVOUS SYSTEM MALFORMATION IN FETUS, OTHER FETUS	Multiple Gestation	ICD10
035.1XX1	MATERNAL CARE FOR CHROMOSOMAL ABNORMALITY IN FETUS, FETUS 1	Multiple Gestation	ICD10
035.1XX2	MATERNAL CARE FOR CHROMOSOMAL ABNORMALITY IN FETUS, FETUS 2	Multiple Gestation	ICD10
035.1XX3	MATERNAL CARE FOR CHROMOSOMAL ABNORMALITY IN FETUS, FETUS 3	Multiple Gestation	ICD10
035.1XX4	MATERNAL CARE FOR CHROMOSOMAL ABNORMALITY IN FETUS, FETUS 4	Multiple Gestation	ICD10
035.1XX5	MATERNAL CARE FOR CHROMOSOMAL ABNORMALITY IN FETUS, FETUS 5	Multiple Gestation	ICD10
035.1XX9	MATERNAL CARE FOR CHROMOSOMAL ABNORMALITY IN FETUS, OTH	Multiple Gestation	ICD10
035.2XX1	MATERNAL CARE FOR HEREDITARY DISEASE IN FETUS, FETUS 1	Multiple Gestation	ICD10
035.2XX2	MATERNAL CARE FOR HEREDITARY DISEASE IN FETUS, FETUS 2	Multiple Gestation	ICD10
035.2XX3	MATERNAL CARE FOR HEREDITARY DISEASE IN FETUS, FETUS 3	Multiple Gestation	ICD10
035.2XX4	MATERNAL CARE FOR HEREDITARY DISEASE IN FETUS, FETUS 4	Multiple Gestation	ICD10
035.2XX5	MATERNAL CARE FOR HEREDITARY DISEASE IN FETUS, FETUS 5	Multiple Gestation	ICD10
035.2XX9	MATERNAL CARE FOR HEREDITARY DISEASE IN FETUS, OTH	Multiple Gestation	ICD10

SMFM. Coding update for cesarean delivery from ICD-9-CM to ICD-10-CM. Am J Obstet Gynecol 2017.

(continued)



**SUPPLEMENTARY TABLE****ICD-9-CM and ICD-10-CM codes indicating medical exclusion conditions for low risk for cesarean rate calculations** *(continued)*

ICD Diagnosis Code	ICD Diagnosis Code Short Description	Risk Factor Classification	ICD code type
035.3XX1	MATERN CARE FOR DAMAG TO FTS FROM VIRAL DIS IN MOTHER, FTS1	Multiple Gestation	ICD10
035.3XX2	MATERN CARE FOR DAMAG TO FTS FROM VIRAL DIS IN MOTHER, FTS2	Multiple Gestation	ICD10
035.3XX3	MATERN CARE FOR DAMAG TO FTS FROM VIRAL DIS IN MOTHER, FTS3	Multiple Gestation	ICD10
035.3XX4	MATERN CARE FOR DAMAG TO FTS FROM VIRAL DIS IN MOTHER, FTS4	Multiple Gestation	ICD10
035.3XX5	MATERN CARE FOR DAMAG TO FTS FROM VIRAL DIS IN MOTHER, FTS5	Multiple Gestation	ICD10
035.3XX9	MATERN CARE FOR DAMAG TO FETUS FROM VIRAL DIS IN MOTHER, OTH	Multiple Gestation	ICD10
035.4XX1	MATERNAL CARE FOR (SUSPECTED) DAMAGE TO FETUS FROM ALCOHOL, FETUS 1	Multiple gestation	ICD10
035.4XX2	MATERNAL CARE FOR (SUSPECTED) DAMAGE TO FETUS FROM ALCOHOL, FETUS 2	Multiple gestation	ICD10
035.4XX3	MATERNAL CARE FOR (SUSPECTED) DAMAGE TO FETUS FROM ALCOHOL, FETUS 3	Multiple gestation	ICD10
035.4XX4	MATERNAL CARE FOR (SUSPECTED) DAMAGE TO FETUS FROM ALCOHOL, FETUS 4	Multiple gestation	ICD10
035.4XX5	MATERNAL CARE FOR (SUSPECTED) DAMAGE TO FETUS FROM ALCOHOL, FETUS 5	Multiple gestation	ICD10
035.4XX9	MATERNAL CARE FOR (SUSPECTED) DAMAGE TO FETUS FROM ALCOHOL, OTHER FETUS	Multiple gestation	ICD10
035.5XX1	MATERNAL CARE FOR DAMAGE TO FETUS BY DRUGS, FETUS 1	Multiple Gestation	ICD10
035.5XX2	MATERNAL CARE FOR DAMAGE TO FETUS BY DRUGS, FETUS 2	Multiple Gestation	ICD10
035.5XX3	MATERNAL CARE FOR DAMAGE TO FETUS BY DRUGS, FETUS 3	Multiple Gestation	ICD10
035.5XX4	MATERNAL CARE FOR DAMAGE TO FETUS BY DRUGS, FETUS 4	Multiple Gestation	ICD10
035.5XX5	MATERNAL CARE FOR DAMAGE TO FETUS BY DRUGS, FETUS 5	Multiple Gestation	ICD10
035.5XX9	MATERNAL CARE FOR (SUSPECTED) DAMAGE TO FETUS BY DRUGS, OTH	Multiple Gestation	ICD10
035.6XX1	MATERNAL CARE FOR DAMAGE TO FETUS BY RADIATION, FETUS 1	Multiple Gestation	ICD10
035.6XX2	MATERNAL CARE FOR DAMAGE TO FETUS BY RADIATION, FETUS 2	Multiple Gestation	ICD10
035.6XX3	MATERNAL CARE FOR DAMAGE TO FETUS BY RADIATION, FETUS 3	Multiple Gestation	ICD10
035.6XX4	MATERNAL CARE FOR DAMAGE TO FETUS BY RADIATION, FETUS 4	Multiple Gestation	ICD10
035.6XX5	MATERNAL CARE FOR DAMAGE TO FETUS BY RADIATION, FETUS 5	Multiple Gestation	ICD10

SMFM. Coding update for cesarean delivery from ICD-9-CM to ICD-10-CM. Am J Obstet Gynecol 2017.

*(continued)*

## SUPPLEMENTARY TABLE

**ICD-9-CM and ICD-10-CM codes indicating medical exclusion conditions for low risk for cesarean rate calculations** (continued)

ICD Diagnosis Code	ICD Diagnosis Code Short Description	Risk Factor Classification	ICD code type
035.6XX9	MATERNAL CARE FOR DAMAGE TO FETUS BY RADIATION, OTH	Multiple Gestation	ICD10
035.7XX1	MATERN CARE FOR DAMAGE TO FETUS BY OTH MEDICAL PROC, FETUS 1	Multiple Gestation	ICD10
035.7XX2	MATERN CARE FOR DAMAGE TO FETUS BY OTH MEDICAL PROC, FETUS 2	Multiple Gestation	ICD10
035.7XX3	MATERN CARE FOR DAMAGE TO FETUS BY OTH MEDICAL PROC, FETUS 3	Multiple Gestation	ICD10
035.7XX4	MATERN CARE FOR DAMAGE TO FETUS BY OTH MEDICAL PROC, FETUS 4	Multiple Gestation	ICD10
035.7XX5	MATERN CARE FOR DAMAGE TO FETUS BY OTH MEDICAL PROC, FETUS 5	Multiple Gestation	ICD10
035.7XX9	MATERNAL CARE FOR DAMAGE TO FETUS BY OTH MEDICAL PROC, OTH	Multiple Gestation	ICD10
035.8XX1	MATERNAL CARE FOR OTH FETAL ABNORMALITY AND DAMAGE, FETUS 1	Multiple Gestation	ICD10
035.8XX2	MATERNAL CARE FOR OTH FETAL ABNORMALITY AND DAMAGE, FETUS 2	Multiple Gestation	ICD10
035.8XX3	MATERNAL CARE FOR OTH FETAL ABNORMALITY AND DAMAGE, FETUS 3	Multiple Gestation	ICD10
035.8XX4	MATERNAL CARE FOR OTH FETAL ABNORMALITY AND DAMAGE, FETUS 4	Multiple Gestation	ICD10
035.8XX5	MATERNAL CARE FOR OTH FETAL ABNORMALITY AND DAMAGE, FETUS 5	Multiple Gestation	ICD10
035.8XX9	MATERNAL CARE FOR OTH FETAL ABNORMALITY AND DAMAGE, OTH	Multiple Gestation	ICD10
035.9XX1	MATERNAL CARE FOR FETAL ABNLT AND DAMAGE, UNSP, FETUS 1	Multiple Gestation	ICD10
035.9XX2	MATERNAL CARE FOR FETAL ABNLT AND DAMAGE, UNSP, FETUS 2	Multiple Gestation	ICD10
035.9XX3	MATERNAL CARE FOR FETAL ABNLT AND DAMAGE, UNSP, FETUS 3	Multiple Gestation	ICD10
035.9XX4	MATERNAL CARE FOR FETAL ABNLT AND DAMAGE, UNSP, FETUS 4	Multiple Gestation	ICD10
035.9XX5	MATERNAL CARE FOR FETAL ABNLT AND DAMAGE, UNSP, FETUS 5	Multiple Gestation	ICD10
035.9XX9	MATERNAL CARE FOR FETAL ABNORMALITY AND DAMAGE, UNSP, OTH	Multiple Gestation	ICD10
036.0111	MATERNAL CARE FOR ANTI-D ANTIBODIES, FIRST TRI, FETUS 1	Multiple Gestation	ICD10
036.0112	MATERNAL CARE FOR ANTI-D ANTIBODIES, FIRST TRI, FETUS 2	Multiple Gestation	ICD10
036.0113	MATERNAL CARE FOR ANTI-D ANTIBODIES, FIRST TRI, FETUS 3	Multiple Gestation	ICD10
036.0114	MATERNAL CARE FOR ANTI-D ANTIBODIES, FIRST TRI, FETUS 4	Multiple Gestation	ICD10

SMFM. Coding update for cesarean delivery from ICD-9-CM to ICD-10-CM. Am J Obstet Gynecol 2017.

(continued)

**SUPPLEMENTARY TABLE****ICD-9-CM and ICD-10-CM codes indicating medical exclusion conditions for low risk for cesarean rate calculations** *(continued)*

ICD Diagnosis Code	ICD Diagnosis Code Short Description	Risk Factor Classification	ICD code type
036.0115	MATERNAL CARE FOR ANTI-D ANTIBODIES, FIRST TRI, FETUS 5	Multiple Gestation	ICD10
036.0119	MATERNAL CARE FOR ANTI-D ANTIBODIES, FIRST TRIMESTER, OTH	Multiple Gestation	ICD10
036.0121	MATERNAL CARE FOR ANTI-D ANTIBODIES, SECOND TRI, FETUS 1	Multiple Gestation	ICD10
036.0122	MATERNAL CARE FOR ANTI-D ANTIBODIES, SECOND TRI, FETUS 2	Multiple Gestation	ICD10
036.0123	MATERNAL CARE FOR ANTI-D ANTIBODIES, SECOND TRI, FETUS 3	Multiple Gestation	ICD10
036.0124	MATERNAL CARE FOR ANTI-D ANTIBODIES, SECOND TRI, FETUS 4	Multiple Gestation	ICD10
036.0125	MATERNAL CARE FOR ANTI-D ANTIBODIES, SECOND TRI, FETUS 5	Multiple Gestation	ICD10
036.0129	MATERNAL CARE FOR ANTI-D ANTIBODIES, SECOND TRIMESTER, OTH	Multiple Gestation	ICD10
036.0131	MATERNAL CARE FOR ANTI-D ANTIBODIES, THIRD TRI, FETUS 1	Multiple Gestation	ICD10
036.0132	MATERNAL CARE FOR ANTI-D ANTIBODIES, THIRD TRI, FETUS 2	Multiple Gestation	ICD10
036.0133	MATERNAL CARE FOR ANTI-D ANTIBODIES, THIRD TRI, FETUS 3	Multiple Gestation	ICD10
036.0134	MATERNAL CARE FOR ANTI-D ANTIBODIES, THIRD TRI, FETUS 4	Multiple Gestation	ICD10
036.0135	MATERNAL CARE FOR ANTI-D ANTIBODIES, THIRD TRI, FETUS 5	Multiple Gestation	ICD10
036.0139	MATERNAL CARE FOR ANTI-D ANTIBODIES, THIRD TRIMESTER, OTH	Multiple Gestation	ICD10
036.0191	MATERNAL CARE FOR ANTI-D ANTIBODIES, UNSP TRIMESTER, FETUS 1	Multiple Gestation	ICD10
036.0192	MATERNAL CARE FOR ANTI-D ANTIBODIES, UNSP TRIMESTER, FETUS 2	Multiple Gestation	ICD10
036.0193	MATERNAL CARE FOR ANTI-D ANTIBODIES, UNSP TRIMESTER, FETUS 3	Multiple Gestation	ICD10
036.0194	MATERNAL CARE FOR ANTI-D ANTIBODIES, UNSP TRIMESTER, FETUS 4	Multiple Gestation	ICD10
036.0195	MATERNAL CARE FOR ANTI-D ANTIBODIES, UNSP TRIMESTER, FETUS 5	Multiple Gestation	ICD10
036.0199	MATERNAL CARE FOR ANTI-D ANTIBODIES, UNSP TRIMESTER, OTH	Multiple Gestation	ICD10
036.0911	MATERNAL CARE FOR OTH RHESUS ISOIMMUN, FIRST TRI, FETUS 1	Multiple Gestation	ICD10
036.0912	MATERNAL CARE FOR OTH RHESUS ISOIMMUN, FIRST TRI, FETUS 2	Multiple Gestation	ICD10
036.0913	MATERNAL CARE FOR OTH RHESUS ISOIMMUN, FIRST TRI, FETUS 3	Multiple Gestation	ICD10

SMFM. Coding update for cesarean delivery from ICD-9-CM to ICD-10-CM. *Am J Obstet Gynecol* 2017.*(continued)*

## SUPPLEMENTARY TABLE

**ICD-9-CM and ICD-10-CM codes indicating medical exclusion conditions for low risk for cesarean rate calculations** (continued)

ICD Diagnosis Code	ICD Diagnosis Code Short Description	Risk Factor Classification	ICD code type
036.0914	MATERNAL CARE FOR OTH RHESUS ISOIMMUN, FIRST TRI, FETUS 4	Multiple Gestation	ICD10
036.0915	MATERNAL CARE FOR OTH RHESUS ISOIMMUN, FIRST TRI, FETUS 5	Multiple Gestation	ICD10
036.0919	MATERNAL CARE FOR OTH RHESUS ISOIMMUN, FIRST TRIMESTER, OTH	Multiple Gestation	ICD10
036.0921	MATERNAL CARE FOR OTH RHESUS ISOIMMUN, SECOND TRI, FETUS 1	Multiple Gestation	ICD10
036.0922	MATERNAL CARE FOR OTH RHESUS ISOIMMUN, SECOND TRI, FETUS 2	Multiple Gestation	ICD10
036.0923	MATERNAL CARE FOR OTH RHESUS ISOIMMUN, SECOND TRI, FETUS 3	Multiple Gestation	ICD10
036.0924	MATERNAL CARE FOR OTH RHESUS ISOIMMUN, SECOND TRI, FETUS 4	Multiple Gestation	ICD10
036.0925	MATERNAL CARE FOR OTH RHESUS ISOIMMUN, SECOND TRI, FETUS 5	Multiple Gestation	ICD10
036.0929	MATERNAL CARE FOR OTH RHESUS ISOIMMUN, SECOND TRIMESTER, OTH	Multiple Gestation	ICD10
036.0931	MATERNAL CARE FOR OTH RHESUS ISOIMMUN, THIRD TRI, FETUS 1	Multiple Gestation	ICD10
036.0932	MATERNAL CARE FOR OTH RHESUS ISOIMMUN, THIRD TRI, FETUS 2	Multiple Gestation	ICD10
036.0933	MATERNAL CARE FOR OTH RHESUS ISOIMMUN, THIRD TRI, FETUS 3	Multiple Gestation	ICD10
036.0934	MATERNAL CARE FOR OTH RHESUS ISOIMMUN, THIRD TRI, FETUS 4	Multiple Gestation	ICD10
036.0935	MATERNAL CARE FOR OTH RHESUS ISOIMMUN, THIRD TRI, FETUS 5	Multiple Gestation	ICD10
036.0939	MATERNAL CARE FOR OTH RHESUS ISOIMMUN, THIRD TRIMESTER, OTH	Multiple Gestation	ICD10
036.0991	MATERNAL CARE FOR OTH RHESUS ISOIMMUN, UNSP TRI, FETUS 1	Multiple Gestation	ICD10
036.0992	MATERNAL CARE FOR OTH RHESUS ISOIMMUN, UNSP TRI, FETUS 2	Multiple Gestation	ICD10
036.0993	MATERNAL CARE FOR OTH RHESUS ISOIMMUN, UNSP TRI, FETUS 3	Multiple Gestation	ICD10
036.0994	MATERNAL CARE FOR OTH RHESUS ISOIMMUN, UNSP TRI, FETUS 4	Multiple Gestation	ICD10
036.0995	MATERNAL CARE FOR OTH RHESUS ISOIMMUN, UNSP TRI, FETUS 5	Multiple Gestation	ICD10
036.0999	MATERNAL CARE FOR OTH RHESUS ISOIMMUN, UNSP TRIMESTER, OTH	Multiple Gestation	ICD10
036.1111	MATERNAL CARE FOR ANTI-A SENSITIZATION, FIRST TRI, FETUS 1	Multiple Gestation	ICD10
036.1112	MATERNAL CARE FOR ANTI-A SENSITIZATION, FIRST TRI, FETUS 2	Multiple Gestation	ICD10

SMFM. Coding update for cesarean delivery from ICD-9-CM to ICD-10-CM. Am J Obstet Gynecol 2017.

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**SUPPLEMENTARY TABLE****ICD-9-CM and ICD-10-CM codes indicating medical exclusion conditions for low risk for cesarean rate calculations** *(continued)*

ICD Diagnosis Code	ICD Diagnosis Code Short Description	Risk Factor Classification	ICD code type
036.1113	MATERNAL CARE FOR ANTI-A SENSITIZATION, FIRST TRI, FETUS 3	Multiple Gestation	ICD10
036.1114	MATERNAL CARE FOR ANTI-A SENSITIZATION, FIRST TRI, FETUS 4	Multiple Gestation	ICD10
036.1115	MATERNAL CARE FOR ANTI-A SENSITIZATION, FIRST TRI, FETUS 5	Multiple Gestation	ICD10
036.1119	MATERNAL CARE FOR ANTI-A SENSITIZATION, FIRST TRIMESTER, OTH	Multiple Gestation	ICD10
036.1121	MATERNAL CARE FOR ANTI-A SENSITIZATION, SECOND TRI, FETUS 1	Multiple Gestation	ICD10
036.1122	MATERNAL CARE FOR ANTI-A SENSITIZATION, SECOND TRI, FETUS 2	Multiple Gestation	ICD10
036.1123	MATERNAL CARE FOR ANTI-A SENSITIZATION, SECOND TRI, FETUS 3	Multiple Gestation	ICD10
036.1124	MATERNAL CARE FOR ANTI-A SENSITIZATION, SECOND TRI, FETUS 4	Multiple Gestation	ICD10
036.1125	MATERNAL CARE FOR ANTI-A SENSITIZATION, SECOND TRI, FETUS 5	Multiple Gestation	ICD10
036.1129	MATERNAL CARE FOR ANTI-A SENSITIZATION, SECOND TRI, OTH	Multiple Gestation	ICD10
036.1131	MATERNAL CARE FOR ANTI-A SENSITIZATION, THIRD TRI, FETUS 1	Multiple Gestation	ICD10
036.1132	MATERNAL CARE FOR ANTI-A SENSITIZATION, THIRD TRI, FETUS 2	Multiple Gestation	ICD10
036.1133	MATERNAL CARE FOR ANTI-A SENSITIZATION, THIRD TRI, FETUS 3	Multiple Gestation	ICD10
036.1134	MATERNAL CARE FOR ANTI-A SENSITIZATION, THIRD TRI, FETUS 4	Multiple Gestation	ICD10
036.1135	MATERNAL CARE FOR ANTI-A SENSITIZATION, THIRD TRI, FETUS 5	Multiple Gestation	ICD10
036.1139	MATERNAL CARE FOR ANTI-A SENSITIZATION, THIRD TRIMESTER, OTH	Multiple Gestation	ICD10
036.1191	MATERNAL CARE FOR ANTI-A SENSITIZATION, UNSP TRI, FETUS 1	Multiple Gestation	ICD10
036.1192	MATERNAL CARE FOR ANTI-A SENSITIZATION, UNSP TRI, FETUS 2	Multiple Gestation	ICD10
036.1193	MATERNAL CARE FOR ANTI-A SENSITIZATION, UNSP TRI, FETUS 3	Multiple Gestation	ICD10
036.1194	MATERNAL CARE FOR ANTI-A SENSITIZATION, UNSP TRI, FETUS 4	Multiple Gestation	ICD10
036.1195	MATERNAL CARE FOR ANTI-A SENSITIZATION, UNSP TRI, FETUS 5	Multiple Gestation	ICD10
036.1199	MATERNAL CARE FOR ANTI-A SENSITIZATION, UNSP TRIMESTER, OTH	Multiple Gestation	ICD10
036.1911	MATERNAL CARE FOR OTH ISOIMMUN, FIRST TRIMESTER, FETUS 1	Multiple Gestation	ICD10

SMFM. Coding update for cesarean delivery from ICD-9-CM to ICD-10-CM. Am J Obstet Gynecol 2017.

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## SUPPLEMENTARY TABLE

**ICD-9-CM and ICD-10-CM codes indicating medical exclusion conditions for low risk for cesarean rate calculations** (continued)

ICD Diagnosis Code	ICD Diagnosis Code Short Description	Risk Factor Classification	ICD code type
036.1912	MATERNAL CARE FOR OTH ISOIMMUN, FIRST TRIMESTER, FETUS 2	Multiple Gestation	ICD10
036.1913	MATERNAL CARE FOR OTH ISOIMMUN, FIRST TRIMESTER, FETUS 3	Multiple Gestation	ICD10
036.1914	MATERNAL CARE FOR OTH ISOIMMUN, FIRST TRIMESTER, FETUS 4	Multiple Gestation	ICD10
036.1915	MATERNAL CARE FOR OTH ISOIMMUN, FIRST TRIMESTER, FETUS 5	Multiple Gestation	ICD10
036.1919	MATERNAL CARE FOR OTH ISOIMMUNIZATION, FIRST TRIMESTER, OTH	Multiple Gestation	ICD10
036.1921	MATERNAL CARE FOR OTH ISOIMMUN, SECOND TRIMESTER, FETUS 1	Multiple Gestation	ICD10
036.1922	MATERNAL CARE FOR OTH ISOIMMUN, SECOND TRIMESTER, FETUS 2	Multiple Gestation	ICD10
036.1923	MATERNAL CARE FOR OTH ISOIMMUN, SECOND TRIMESTER, FETUS 3	Multiple Gestation	ICD10
036.1924	MATERNAL CARE FOR OTH ISOIMMUN, SECOND TRIMESTER, FETUS 4	Multiple Gestation	ICD10
036.1925	MATERNAL CARE FOR OTH ISOIMMUN, SECOND TRIMESTER, FETUS 5	Multiple Gestation	ICD10
036.1929	MATERNAL CARE FOR OTH ISOIMMUNIZATION, SECOND TRIMESTER, OTH	Multiple Gestation	ICD10
036.1931	MATERNAL CARE FOR OTH ISOIMMUN, THIRD TRIMESTER, FETUS 1	Multiple Gestation	ICD10
036.1932	MATERNAL CARE FOR OTH ISOIMMUN, THIRD TRIMESTER, FETUS 2	Multiple Gestation	ICD10
036.1933	MATERNAL CARE FOR OTH ISOIMMUN, THIRD TRIMESTER, FETUS 3	Multiple Gestation	ICD10
036.1934	MATERNAL CARE FOR OTH ISOIMMUN, THIRD TRIMESTER, FETUS 4	Multiple Gestation	ICD10
036.1935	MATERNAL CARE FOR OTH ISOIMMUN, THIRD TRIMESTER, FETUS 5	Multiple Gestation	ICD10
036.1939	MATERNAL CARE FOR OTH ISOIMMUNIZATION, THIRD TRIMESTER, OTH	Multiple Gestation	ICD10
036.1991	MATERNAL CARE FOR OTH ISOIMMUN, UNSP TRIMESTER, FETUS 1	Multiple Gestation	ICD10
036.1992	MATERNAL CARE FOR OTH ISOIMMUN, UNSP TRIMESTER, FETUS 2	Multiple Gestation	ICD10
036.1993	MATERNAL CARE FOR OTH ISOIMMUN, UNSP TRIMESTER, FETUS 3	Multiple Gestation	ICD10
036.1994	MATERNAL CARE FOR OTH ISOIMMUN, UNSP TRIMESTER, FETUS 4	Multiple Gestation	ICD10
036.1995	MATERNAL CARE FOR OTH ISOIMMUN, UNSP TRIMESTER, FETUS 5	Multiple Gestation	ICD10
036.1999	MATERNAL CARE FOR OTH ISOIMMUNIZATION, UNSP TRIMESTER, OTH	Multiple Gestation	ICD10

SMFM. Coding update for cesarean delivery from ICD-9-CM to ICD-10-CM. Am J Obstet Gynecol 2017.

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**SUPPLEMENTARY TABLE****ICD-9-CM and ICD-10-CM codes indicating medical exclusion conditions for low risk for cesarean rate calculations** *(continued)*

ICD Diagnosis Code	ICD Diagnosis Code Short Description	Risk Factor Classification	ICD code type
036.20X1	MATERNAL CARE FOR HYDROPS FETALIS, UNSP TRIMESTER, FETUS 1	Multiple Gestation	ICD10
036.20X2	MATERNAL CARE FOR HYDROPS FETALIS, UNSP TRIMESTER, FETUS 2	Multiple Gestation	ICD10
036.20X3	MATERNAL CARE FOR HYDROPS FETALIS, UNSP TRIMESTER, FETUS 3	Multiple Gestation	ICD10
036.20X4	MATERNAL CARE FOR HYDROPS FETALIS, UNSP TRIMESTER, FETUS 4	Multiple Gestation	ICD10
036.20X5	MATERNAL CARE FOR HYDROPS FETALIS, UNSP TRIMESTER, FETUS 5	Multiple Gestation	ICD10
036.20X9	MATERNAL CARE FOR HYDROPS FETALIS, UNSP TRIMESTER, OTH FETUS	Multiple Gestation	ICD10
036.21X1	MATERNAL CARE FOR HYDROPS FETALIS, FIRST TRIMESTER, FETUS 1	Multiple Gestation	ICD10
036.21X2	MATERNAL CARE FOR HYDROPS FETALIS, FIRST TRIMESTER, FETUS 2	Multiple Gestation	ICD10
036.21X3	MATERNAL CARE FOR HYDROPS FETALIS, FIRST TRIMESTER, FETUS 3	Multiple Gestation	ICD10
036.21X4	MATERNAL CARE FOR HYDROPS FETALIS, FIRST TRIMESTER, FETUS 4	Multiple Gestation	ICD10
036.21X5	MATERNAL CARE FOR HYDROPS FETALIS, FIRST TRIMESTER, FETUS 5	Multiple Gestation	ICD10
036.21X9	MATERNAL CARE FOR HYDROPS FETALIS, FIRST TRIMESTER, OTH	Multiple Gestation	ICD10
036.22X1	MATERNAL CARE FOR HYDROPS FETALIS, SECOND TRIMESTER, FETUS 1	Multiple Gestation	ICD10
036.22X2	MATERNAL CARE FOR HYDROPS FETALIS, SECOND TRIMESTER, FETUS 2	Multiple Gestation	ICD10
036.22X3	MATERNAL CARE FOR HYDROPS FETALIS, SECOND TRIMESTER, FETUS 3	Multiple Gestation	ICD10
036.22X4	MATERNAL CARE FOR HYDROPS FETALIS, SECOND TRIMESTER, FETUS 4	Multiple Gestation	ICD10
036.22X5	MATERNAL CARE FOR HYDROPS FETALIS, SECOND TRIMESTER, FETUS 5	Multiple Gestation	ICD10
036.22X9	MATERNAL CARE FOR HYDROPS FETALIS, SECOND TRIMESTER, OTH	Multiple Gestation	ICD10
036.23X1	MATERNAL CARE FOR HYDROPS FETALIS, THIRD TRIMESTER, FETUS 1	Multiple Gestation	ICD10
036.23X2	MATERNAL CARE FOR HYDROPS FETALIS, THIRD TRIMESTER, FETUS 2	Multiple Gestation	ICD10
036.23X3	MATERNAL CARE FOR HYDROPS FETALIS, THIRD TRIMESTER, FETUS 3	Multiple Gestation	ICD10
036.23X4	MATERNAL CARE FOR HYDROPS FETALIS, THIRD TRIMESTER, FETUS 4	Multiple Gestation	ICD10
036.23X5	MATERNAL CARE FOR HYDROPS FETALIS, THIRD TRIMESTER, FETUS 5	Multiple Gestation	ICD10

SMFM. Coding update for cesarean delivery from ICD-9-CM to ICD-10-CM. *Am J Obstet Gynecol* 2017.*(continued)*



## SUPPLEMENTARY TABLE

**ICD-9-CM and ICD-10-CM codes indicating medical exclusion conditions for low risk for cesarean rate calculations** (continued)

ICD Diagnosis Code	ICD Diagnosis Code Short Description	Risk Factor Classification	ICD code type
036.23X9	MATERNAL CARE FOR HYDROPS FETALIS, THIRD TRIMESTER, OTH	Multiple Gestation	ICD10
036.4XX1	MATERNAL CARE FOR INTRAUTERINE DEATH, FETUS 1	Multiple Gestation	ICD10
036.4XX2	MATERNAL CARE FOR INTRAUTERINE DEATH, FETUS 2	Multiple Gestation	ICD10
036.4XX3	MATERNAL CARE FOR INTRAUTERINE DEATH, FETUS 3	Multiple Gestation	ICD10
036.4XX4	MATERNAL CARE FOR INTRAUTERINE DEATH, FETUS 4	Multiple Gestation	ICD10
036.4XX5	MATERNAL CARE FOR INTRAUTERINE DEATH, FETUS 5	Multiple Gestation	ICD10
036.4XX9	MATERNAL CARE FOR INTRAUTERINE DEATH, OTHER FETUS	Multiple Gestation	ICD10
036.5111	MATERN CARE FOR KNOWN OR SUSP PLACNTL INSUFF, 1ST TRI, FTS1	Multiple Gestation	ICD10
036.5112	MATERN CARE FOR KNOWN OR SUSP PLACNTL INSUFF, 1ST TRI, FTS2	Multiple Gestation	ICD10
036.5113	MATERN CARE FOR KNOWN OR SUSP PLACNTL INSUFF, 1ST TRI, FTS3	Multiple Gestation	ICD10
036.5114	MATERN CARE FOR KNOWN OR SUSP PLACNTL INSUFF, 1ST TRI, FTS4	Multiple Gestation	ICD10
036.5115	MATERN CARE FOR KNOWN OR SUSP PLACNTL INSUFF, 1ST TRI, FTS5	Multiple Gestation	ICD10
036.5119	MATERN CARE FOR KNOWN OR SUSP PLACNTL INSUFF, FIRST TRI, OTH	Multiple Gestation	ICD10
036.5121	MATERN CARE FOR KNOWN OR SUSP PLACNTL INSUFF, 2ND TRI, FTS1	Multiple Gestation	ICD10
036.5122	MATERN CARE FOR KNOWN OR SUSP PLACNTL INSUFF, 2ND TRI, FTS2	Multiple Gestation	ICD10
036.5123	MATERN CARE FOR KNOWN OR SUSP PLACNTL INSUFF, 2ND TRI, FTS3	Multiple Gestation	ICD10
036.5124	MATERN CARE FOR KNOWN OR SUSP PLACNTL INSUFF, 2ND TRI, FTS4	Multiple Gestation	ICD10
036.5125	MATERN CARE FOR KNOWN OR SUSP PLACNTL INSUFF, 2ND TRI, FTS5	Multiple Gestation	ICD10
036.5129	MATERN CARE FOR KNOWN OR SUSP PLACNTL INSUFF, 2ND TRI, OTH	Multiple Gestation	ICD10
036.5131	MATERN CARE FOR OR SUSP PLACNTL INSUFF, THIRD TRI, FTS1	Multiple Gestation	ICD10
036.5132	MATERN CARE FOR OR SUSP PLACNTL INSUFF, THIRD TRI, FTS2	Multiple Gestation	ICD10
036.5133	MATERN CARE FOR OR SUSP PLACNTL INSUFF, THIRD TRI, FTS3	Multiple Gestation	ICD10
036.5134	MATERN CARE FOR OR SUSP PLACNTL INSUFF, THIRD TRI, FTS4	Multiple Gestation	ICD10
036.5135	MATERN CARE FOR OR SUSP PLACNTL INSUFF, THIRD TRI, FTS5	Multiple Gestation	ICD10
036.5139	MATERN CARE FOR KNOWN OR SUSP PLACNTL INSUFF, THIRD TRI, OTH	Multiple Gestation	ICD10

SMFM. Coding update for cesarean delivery from ICD-9-CM to ICD-10-CM. Am J Obstet Gynecol 2017.

(continued)

## SUPPLEMENTARY TABLE

**ICD-9-CM and ICD-10-CM codes indicating medical exclusion conditions for low risk for cesarean rate calculations** (continued)

ICD Diagnosis Code	ICD Diagnosis Code Short Description	Risk Factor Classification	ICD code type
036.5191	MATERN CARE FOR KNOWN OR SUSP PLACNTL INSUFF, UNSP TRI, FTS1	Multiple Gestation	ICD10
036.5192	MATERN CARE FOR KNOWN OR SUSP PLACNTL INSUFF, UNSP TRI, FTS2	Multiple Gestation	ICD10
036.5193	MATERN CARE FOR KNOWN OR SUSP PLACNTL INSUFF, UNSP TRI, FTS3	Multiple Gestation	ICD10
036.5194	MATERN CARE FOR KNOWN OR SUSP PLACNTL INSUFF, UNSP TRI, FTS4	Multiple Gestation	ICD10
036.5195	MATERN CARE FOR KNOWN OR SUSP PLACNTL INSUFF, UNSP TRI, FTS5	Multiple Gestation	ICD10
036.5199	MATERN CARE FOR KNOWN OR SUSP PLACNTL INSUFF, UNSP TRI, OTH	Multiple Gestation	ICD10
036.5911	MATERN CARE FOR OTH OR SUSP POOR FETL GRTH, 1ST TRI, FTS1	Multiple Gestation	ICD10
036.5912	MATERN CARE FOR OTH OR SUSP POOR FETL GRTH, 1ST TRI, FTS2	Multiple Gestation	ICD10
036.5913	MATERN CARE FOR OTH OR SUSP POOR FETL GRTH, 1ST TRI, FTS3	Multiple Gestation	ICD10
036.5914	MATERN CARE FOR OTH OR SUSP POOR FETL GRTH, 1ST TRI, FTS4	Multiple Gestation	ICD10
036.5915	MATERN CARE FOR OTH OR SUSP POOR FETL GRTH, 1ST TRI, FTS5	Multiple Gestation	ICD10
036.5919	MATERN CARE FOR OTH OR SUSP POOR FETL GRTH, 1ST TRI, OTH	Multiple Gestation	ICD10
036.5921	MATERN CARE FOR OTH OR SUSP POOR FETL GRTH, 2ND TRI, FTS1	Multiple Gestation	ICD10
036.5922	MATERN CARE FOR OTH OR SUSP POOR FETL GRTH, 2ND TRI, FTS2	Multiple Gestation	ICD10
036.5923	MATERN CARE FOR OTH OR SUSP POOR FETL GRTH, 2ND TRI, FTS3	Multiple Gestation	ICD10
036.5924	MATERN CARE FOR OTH OR SUSP POOR FETL GRTH, 2ND TRI, FTS4	Multiple Gestation	ICD10
036.5925	MATERN CARE FOR OTH OR SUSP POOR FETL GRTH, 2ND TRI, FTS5	Multiple Gestation	ICD10
036.5929	MATERN CARE FOR OTH OR SUSP POOR FETL GRTH, 2ND TRI, OTH	Multiple Gestation	ICD10
036.5931	MATERN CARE FOR OTH OR SUSP POOR FETL GRTH, THIRD TRI, FTS1	Multiple Gestation	ICD10
036.5932	MATERN CARE FOR OTH OR SUSP POOR FETL GRTH, THIRD TRI, FTS2	Multiple Gestation	ICD10
036.5933	MATERN CARE FOR OTH OR SUSP POOR FETL GRTH, THIRD TRI, FTS3	Multiple Gestation	ICD10
036.5934	MATERN CARE FOR OTH OR SUSP POOR FETL GRTH, THIRD TRI, FTS4	Multiple Gestation	ICD10
036.5935	MATERN CARE FOR OTH OR SUSP POOR FETL GRTH, THIRD TRI, FTS5	Multiple Gestation	ICD10

SMFM. Coding update for cesarean delivery from ICD-9-CM to ICD-10-CM. Am J Obstet Gynecol 2017.

(continued)

## SUPPLEMENTARY TABLE

**ICD-9-CM and ICD-10-CM codes indicating medical exclusion conditions for low risk for cesarean rate calculations** (continued)

ICD Diagnosis Code	ICD Diagnosis Code Short Description	Risk Factor Classification	ICD code type
036.5939	MATERN CARE FOR OTH OR SUSP POOR FETL GRTH, THIRD TRI, OTH	Multiple Gestation	ICD10
036.5991	MATERN CARE FOR OTH OR SUSP POOR FETL GRTH, UNSP TRI, FTS1	Multiple Gestation	ICD10
036.5992	MATERN CARE FOR OTH OR SUSP POOR FETL GRTH, UNSP TRI, FTS2	Multiple Gestation	ICD10
036.5993	MATERN CARE FOR OTH OR SUSP POOR FETL GRTH, UNSP TRI, FTS3	Multiple Gestation	ICD10
036.5994	MATERN CARE FOR OTH OR SUSP POOR FETL GRTH, UNSP TRI, FTS4	Multiple Gestation	ICD10
036.5995	MATERN CARE FOR OTH OR SUSP POOR FETL GRTH, UNSP TRI, FTS5	Multiple Gestation	ICD10
036.5999	MATERN CARE FOR OTH OR SUSP POOR FETL GRTH, UNSP TRI, OTH	Multiple Gestation	ICD10
036.60X1	MATERNAL CARE FOR EXCESS FETAL GROWTH, UNSP TRI, FETUS 1	Multiple Gestation	ICD10
036.60X2	MATERNAL CARE FOR EXCESS FETAL GROWTH, UNSP TRI, FETUS 2	Multiple Gestation	ICD10
036.60X3	MATERNAL CARE FOR EXCESS FETAL GROWTH, UNSP TRI, FETUS 3	Multiple Gestation	ICD10
036.60X4	MATERNAL CARE FOR EXCESS FETAL GROWTH, UNSP TRI, FETUS 4	Multiple Gestation	ICD10
036.60X5	MATERNAL CARE FOR EXCESS FETAL GROWTH, UNSP TRI, FETUS 5	Multiple Gestation	ICD10
036.60X9	MATERNAL CARE FOR EXCESS FETAL GROWTH, UNSP TRIMESTER, OTH	Multiple Gestation	ICD10
036.61X1	MATERNAL CARE FOR EXCESS FETAL GROWTH, FIRST TRI, FETUS 1	Multiple Gestation	ICD10
036.61X2	MATERNAL CARE FOR EXCESS FETAL GROWTH, FIRST TRI, FETUS 2	Multiple Gestation	ICD10
036.61X3	MATERNAL CARE FOR EXCESS FETAL GROWTH, FIRST TRI, FETUS 3	Multiple Gestation	ICD10
036.61X4	MATERNAL CARE FOR EXCESS FETAL GROWTH, FIRST TRI, FETUS 4	Multiple Gestation	ICD10
036.61X5	MATERNAL CARE FOR EXCESS FETAL GROWTH, FIRST TRI, FETUS 5	Multiple Gestation	ICD10
036.61X9	MATERNAL CARE FOR EXCESS FETAL GROWTH, FIRST TRIMESTER, OTH	Multiple Gestation	ICD10
036.62X1	MATERNAL CARE FOR EXCESS FETAL GROWTH, SECOND TRI, FETUS 1	Multiple Gestation	ICD10
036.62X2	MATERNAL CARE FOR EXCESS FETAL GROWTH, SECOND TRI, FETUS 2	Multiple Gestation	ICD10
036.62X3	MATERNAL CARE FOR EXCESS FETAL GROWTH, SECOND TRI, FETUS 3	Multiple Gestation	ICD10
036.62X4	MATERNAL CARE FOR EXCESS FETAL GROWTH, SECOND TRI, FETUS 4	Multiple Gestation	ICD10

SMFM. Coding update for cesarean delivery from ICD-9-CM to ICD-10-CM. Am J Obstet Gynecol 2017.

(continued)

## SUPPLEMENTARY TABLE

**ICD-9-CM and ICD-10-CM codes indicating medical exclusion conditions for low risk for cesarean rate calculations** (continued)

ICD Diagnosis Code	ICD Diagnosis Code Short Description	Risk Factor Classification	ICD code type
036.62X5	MATERNAL CARE FOR EXCESS FETAL GROWTH, SECOND TRI, FETUS 5	Multiple Gestation	ICD10
036.62X9	MATERNAL CARE FOR EXCESS FETAL GROWTH, SECOND TRIMESTER, OTH	Multiple Gestation	ICD10
036.63X1	MATERNAL CARE FOR EXCESS FETAL GROWTH, THIRD TRI, FETUS 1	Multiple Gestation	ICD10
036.63X2	MATERNAL CARE FOR EXCESS FETAL GROWTH, THIRD TRI, FETUS 2	Multiple Gestation	ICD10
036.63X3	MATERNAL CARE FOR EXCESS FETAL GROWTH, THIRD TRI, FETUS 3	Multiple Gestation	ICD10
036.63X4	MATERNAL CARE FOR EXCESS FETAL GROWTH, THIRD TRI, FETUS 4	Multiple Gestation	ICD10
036.63X5	MATERNAL CARE FOR EXCESS FETAL GROWTH, THIRD TRI, FETUS 5	Multiple Gestation	ICD10
036.63X9	MATERNAL CARE FOR EXCESS FETAL GROWTH, THIRD TRIMESTER, OTH	Multiple Gestation	ICD10
036.70X1	MATERN CARE FOR VIABLE FETUS IN ABD PREG, UNSP TRI, FETUS 1	Multiple Gestation	ICD10
036.70X2	MATERN CARE FOR VIABLE FETUS IN ABD PREG, UNSP TRI, FETUS 2	Multiple Gestation	ICD10
036.70X3	MATERN CARE FOR VIABLE FETUS IN ABD PREG, UNSP TRI, FETUS 3	Multiple Gestation	ICD10
036.70X4	MATERN CARE FOR VIABLE FETUS IN ABD PREG, UNSP TRI, FETUS 4	Multiple Gestation	ICD10
036.70X5	MATERN CARE FOR VIABLE FETUS IN ABD PREG, UNSP TRI, FETUS 5	Multiple Gestation	ICD10
036.70X9	MATERNAL CARE FOR VIABLE FETUS IN ABD PREG, UNSP TRI, OTH	Multiple Gestation	ICD10
036.71X1	MATERN CARE FOR VIABLE FETUS IN ABD PREG, FIRST TRI, FETUS 1	Multiple Gestation	ICD10
036.71X2	MATERN CARE FOR VIABLE FETUS IN ABD PREG, FIRST TRI, FETUS 2	Multiple Gestation	ICD10
036.71X3	MATERN CARE FOR VIABLE FETUS IN ABD PREG, FIRST TRI, FETUS 3	Multiple Gestation	ICD10
036.71X4	MATERN CARE FOR VIABLE FETUS IN ABD PREG, FIRST TRI, FETUS 4	Multiple Gestation	ICD10
036.71X5	MATERN CARE FOR VIABLE FETUS IN ABD PREG, FIRST TRI, FETUS 5	Multiple Gestation	ICD10
036.71X9	MATERNAL CARE FOR VIABLE FETUS IN ABD PREG, FIRST TRI, OTH	Multiple Gestation	ICD10
036.72X1	MATERN CARE FOR VIABLE FETUS IN ABD PREG, SECOND TRI, FTS1	Multiple Gestation	ICD10
036.72X2	MATERN CARE FOR VIABLE FETUS IN ABD PREG, SECOND TRI, FTS2	Multiple Gestation	ICD10
036.72X3	MATERN CARE FOR VIABLE FETUS IN ABD PREG, SECOND TRI, FTS3	Multiple Gestation	ICD10

SMFM. Coding update for cesarean delivery from ICD-9-CM to ICD-10-CM. Am J Obstet Gynecol 2017.

(continued)

## SUPPLEMENTARY TABLE

**ICD-9-CM and ICD-10-CM codes indicating medical exclusion conditions for low risk for cesarean rate calculations** (continued)

ICD Diagnosis Code	ICD Diagnosis Code Short Description	Risk Factor Classification	ICD code type
036.72X4	MATERN CARE FOR VIABLE FETUS IN ABD PREG, SECOND TRI, FTS4	Multiple Gestation	ICD10
036.72X5	MATERN CARE FOR VIABLE FETUS IN ABD PREG, SECOND TRI, FTS5	Multiple Gestation	ICD10
036.72X9	MATERNAL CARE FOR VIABLE FETUS IN ABD PREG, SECOND TRI, OTH	Multiple Gestation	ICD10
036.73X0	MATERNAL CARE FOR VIABLE FETUS IN ABD PREG, THIRD TRI, UNSP	Multiple Gestation	ICD10
036.73X1	MATERN CARE FOR VIABLE FETUS IN ABD PREG, THIRD TRI, FETUS 1	Multiple Gestation	ICD10
036.73X2	MATERN CARE FOR VIABLE FETUS IN ABD PREG, THIRD TRI, FETUS 2	Multiple Gestation	ICD10
036.73X3	MATERN CARE FOR VIABLE FETUS IN ABD PREG, THIRD TRI, FETUS 3	Multiple Gestation	ICD10
036.73X4	MATERN CARE FOR VIABLE FETUS IN ABD PREG, THIRD TRI, FETUS 4	Multiple Gestation	ICD10
036.73X5	MATERN CARE FOR VIABLE FETUS IN ABD PREG, THIRD TRI, FETUS 5	Multiple Gestation	ICD10
036.73X9	MATERNAL CARE FOR VIABLE FETUS IN ABD PREG, THIRD TRI, OTH	Multiple Gestation	ICD10
036.80X1	PREGNANCY WITH INCONCLUSIVE FETAL VIABILITY, FETUS 1	Multiple Gestation	ICD10
036.80X2	PREGNANCY WITH INCONCLUSIVE FETAL VIABILITY, FETUS 2	Multiple Gestation	ICD10
036.80X3	PREGNANCY WITH INCONCLUSIVE FETAL VIABILITY, FETUS 3	Multiple Gestation	ICD10
036.80X4	PREGNANCY WITH INCONCLUSIVE FETAL VIABILITY, FETUS 4	Multiple Gestation	ICD10
036.80X5	PREGNANCY WITH INCONCLUSIVE FETAL VIABILITY, FETUS 5	Multiple Gestation	ICD10
036.80X9	PREGNANCY WITH INCONCLUSIVE FETAL VIABILITY, OTHER FETUS	Multiple Gestation	ICD10
036.8121	DECREASED FETAL MOVEMENTS, SECOND TRIMESTER, FETUS 1	Multiple Gestation	ICD10
036.8122	DECREASED FETAL MOVEMENTS, SECOND TRIMESTER, FETUS 2	Multiple Gestation	ICD10
036.8123	DECREASED FETAL MOVEMENTS, SECOND TRIMESTER, FETUS 3	Multiple Gestation	ICD10
036.8124	DECREASED FETAL MOVEMENTS, SECOND TRIMESTER, FETUS 4	Multiple Gestation	ICD10
036.8125	DECREASED FETAL MOVEMENTS, SECOND TRIMESTER, FETUS 5	Multiple Gestation	ICD10
036.8129	DECREASED FETAL MOVEMENTS, SECOND TRIMESTER, OTHER FETUS	Multiple Gestation	ICD10
036.8131	DECREASED FETAL MOVEMENTS, THIRD TRIMESTER, FETUS 1	Multiple Gestation	ICD10

SMFM. Coding update for cesarean delivery from ICD-9-CM to ICD-10-CM. Am J Obstet Gynecol 2017.

(continued)

**SUPPLEMENTARY TABLE****ICD-9-CM and ICD-10-CM codes indicating medical exclusion conditions for low risk for cesarean rate calculations** *(continued)*

ICD Diagnosis Code	ICD Diagnosis Code Short Description	Risk Factor Classification	ICD code type
036.8132	DECREASED FETAL MOVEMENTS, THIRD TRIMESTER, FETUS 2	Multiple Gestation	ICD10
036.8133	DECREASED FETAL MOVEMENTS, THIRD TRIMESTER, FETUS 3	Multiple Gestation	ICD10
036.8134	DECREASED FETAL MOVEMENTS, THIRD TRIMESTER, FETUS 4	Multiple Gestation	ICD10
036.8135	DECREASED FETAL MOVEMENTS, THIRD TRIMESTER, FETUS 5	Multiple Gestation	ICD10
036.8139	DECREASED FETAL MOVEMENTS, THIRD TRIMESTER, OTHER FETUS	Multiple Gestation	ICD10
036.8191	DECREASED FETAL MOVEMENTS, UNSPECIFIED TRIMESTER, FETUS 1	Multiple Gestation	ICD10
036.8192	DECREASED FETAL MOVEMENTS, UNSPECIFIED TRIMESTER, FETUS 2	Multiple Gestation	ICD10
036.8193	DECREASED FETAL MOVEMENTS, UNSPECIFIED TRIMESTER, FETUS 3	Multiple Gestation	ICD10
036.8194	DECREASED FETAL MOVEMENTS, UNSPECIFIED TRIMESTER, FETUS 4	Multiple Gestation	ICD10
036.8195	DECREASED FETAL MOVEMENTS, UNSPECIFIED TRIMESTER, FETUS 5	Multiple Gestation	ICD10
036.8199	DECREASED FETAL MOVEMENTS, UNSP TRIMESTER, OTHER FETUS	Multiple Gestation	ICD10
036.8211	FETAL ANEMIA AND THROMBOCYTOPENIA, FIRST TRIMESTER, FETUS 1	Multiple Gestation	ICD10
036.8212	FETAL ANEMIA AND THROMBOCYTOPENIA, FIRST TRIMESTER, FETUS 2	Multiple Gestation	ICD10
036.8213	FETAL ANEMIA AND THROMBOCYTOPENIA, FIRST TRIMESTER, FETUS 3	Multiple Gestation	ICD10
036.8214	FETAL ANEMIA AND THROMBOCYTOPENIA, FIRST TRIMESTER, FETUS 4	Multiple Gestation	ICD10
036.8215	FETAL ANEMIA AND THROMBOCYTOPENIA, FIRST TRIMESTER, FETUS 5	Multiple Gestation	ICD10
036.8219	FETAL ANEMIA AND THROMBOCYTOPENIA, FIRST TRIMESTER, OTH	Multiple Gestation	ICD10
036.8221	FETAL ANEMIA AND THROMBOCYTOPENIA, SECOND TRIMESTER, FETUS 1	Multiple Gestation	ICD10
036.8222	FETAL ANEMIA AND THROMBOCYTOPENIA, SECOND TRIMESTER, FETUS 2	Multiple Gestation	ICD10
036.8223	FETAL ANEMIA AND THROMBOCYTOPENIA, SECOND TRIMESTER, FETUS 3	Multiple Gestation	ICD10
036.8224	FETAL ANEMIA AND THROMBOCYTOPENIA, SECOND TRIMESTER, FETUS 4	Multiple Gestation	ICD10
036.8225	FETAL ANEMIA AND THROMBOCYTOPENIA, SECOND TRIMESTER, FETUS 5	Multiple Gestation	ICD10
036.8229	FETAL ANEMIA AND THROMBOCYTOPENIA, SECOND TRIMESTER, OTH	Multiple Gestation	ICD10

SMFM. Coding update for cesarean delivery from ICD-9-CM to ICD-10-CM. Am J Obstet Gynecol 2017.

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## SUPPLEMENTARY TABLE

**ICD-9-CM and ICD-10-CM codes indicating medical exclusion conditions for low risk for cesarean rate calculations** (continued)

ICD Diagnosis Code	ICD Diagnosis Code Short Description	Risk Factor Classification	ICD code type
036.8231	FETAL ANEMIA AND THROMBOCYTOPENIA, THIRD TRIMESTER, FETUS 1	Multiple Gestation	ICD10
036.8232	FETAL ANEMIA AND THROMBOCYTOPENIA, THIRD TRIMESTER, FETUS 2	Multiple Gestation	ICD10
036.8233	FETAL ANEMIA AND THROMBOCYTOPENIA, THIRD TRIMESTER, FETUS 3	Multiple Gestation	ICD10
036.8234	FETAL ANEMIA AND THROMBOCYTOPENIA, THIRD TRIMESTER, FETUS 4	Multiple Gestation	ICD10
036.8235	FETAL ANEMIA AND THROMBOCYTOPENIA, THIRD TRIMESTER, FETUS 5	Multiple Gestation	ICD10
036.8239	FETAL ANEMIA AND THROMBOCYTOPENIA, THIRD TRIMESTER, OTH	Multiple Gestation	ICD10
036.8291	FETAL ANEMIA AND THROMBOCYTOPENIA, UNSP TRIMESTER, FETUS 1	Multiple Gestation	ICD10
036.8292	FETAL ANEMIA AND THROMBOCYTOPENIA, UNSP TRIMESTER, FETUS 2	Multiple Gestation	ICD10
036.8293	FETAL ANEMIA AND THROMBOCYTOPENIA, UNSP TRIMESTER, FETUS 3	Multiple Gestation	ICD10
036.8294	FETAL ANEMIA AND THROMBOCYTOPENIA, UNSP TRIMESTER, FETUS 4	Multiple Gestation	ICD10
036.8295	FETAL ANEMIA AND THROMBOCYTOPENIA, UNSP TRIMESTER, FETUS 5	Multiple Gestation	ICD10
036.8299	FETAL ANEMIA AND THROMBOCYTOPENIA, UNSP TRIMESTER, OTH FETUS	Multiple Gestation	ICD10
036.8911	MATERNAL CARE FOR OTH FETAL PROBLEMS, FIRST TRI, FETUS 1	Multiple Gestation	ICD10
036.8912	MATERNAL CARE FOR OTH FETAL PROBLEMS, FIRST TRI, FETUS 2	Multiple Gestation	ICD10
036.8913	MATERNAL CARE FOR OTH FETAL PROBLEMS, FIRST TRI, FETUS 3	Multiple Gestation	ICD10
036.8914	MATERNAL CARE FOR OTH FETAL PROBLEMS, FIRST TRI, FETUS 4	Multiple Gestation	ICD10
036.8915	MATERNAL CARE FOR OTH FETAL PROBLEMS, FIRST TRI, FETUS 5	Multiple Gestation	ICD10
036.8919	MATERNAL CARE FOR OTH FETAL PROBLEMS, FIRST TRIMESTER, OTH	Multiple Gestation	ICD10
036.8921	MATERNAL CARE FOR OTH FETAL PROBLEMS, SECOND TRI, FETUS 1	Multiple Gestation	ICD10
036.8922	MATERNAL CARE FOR OTH FETAL PROBLEMS, SECOND TRI, FETUS 2	Multiple Gestation	ICD10
036.8923	MATERNAL CARE FOR OTH FETAL PROBLEMS, SECOND TRI, FETUS 3	Multiple Gestation	ICD10
036.8924	MATERNAL CARE FOR OTH FETAL PROBLEMS, SECOND TRI, FETUS 4	Multiple Gestation	ICD10
036.8925	MATERNAL CARE FOR OTH FETAL PROBLEMS, SECOND TRI, FETUS 5	Multiple Gestation	ICD10

SMFM. Coding update for cesarean delivery from ICD-9-CM to ICD-10-CM. Am J Obstet Gynecol 2017.

(continued)



## SUPPLEMENTARY TABLE

**ICD-9-CM and ICD-10-CM codes indicating medical exclusion conditions for low risk for cesarean rate calculations** *(continued)*

ICD Diagnosis Code	ICD Diagnosis Code Short Description	Risk Factor Classification	ICD code type
036.8929	MATERNAL CARE FOR OTH FETAL PROBLEMS, SECOND TRIMESTER, OTH	Multiple Gestation	ICD10
036.8931	MATERNAL CARE FOR OTH FETAL PROBLEMS, THIRD TRI, FETUS 1	Multiple Gestation	ICD10
036.8932	MATERNAL CARE FOR OTH FETAL PROBLEMS, THIRD TRI, FETUS 2	Multiple Gestation	ICD10
036.8933	MATERNAL CARE FOR OTH FETAL PROBLEMS, THIRD TRI, FETUS 3	Multiple Gestation	ICD10
036.8934	MATERNAL CARE FOR OTH FETAL PROBLEMS, THIRD TRI, FETUS 4	Multiple Gestation	ICD10
036.8935	MATERNAL CARE FOR OTH FETAL PROBLEMS, THIRD TRI, FETUS 5	Multiple Gestation	ICD10
036.8939	MATERNAL CARE FOR OTH FETAL PROBLEMS, THIRD TRIMESTER, OTH	Multiple Gestation	ICD10
036.8991	MATERNAL CARE FOR OTH FETAL PROBLEMS, UNSP TRI, FETUS 1	Multiple Gestation	ICD10
036.8992	MATERNAL CARE FOR OTH FETAL PROBLEMS, UNSP TRI, FETUS 2	Multiple Gestation	ICD10
036.8993	MATERNAL CARE FOR OTH FETAL PROBLEMS, UNSP TRI, FETUS 3	Multiple Gestation	ICD10
036.8994	MATERNAL CARE FOR OTH FETAL PROBLEMS, UNSP TRI, FETUS 4	Multiple Gestation	ICD10
036.8995	MATERNAL CARE FOR OTH FETAL PROBLEMS, UNSP TRI, FETUS 5	Multiple Gestation	ICD10
036.8999	MATERNAL CARE FOR OTH FETAL PROBLEMS, UNSP TRIMESTER, OTH	Multiple Gestation	ICD10
036.90X1	MATERNAL CARE FOR FETAL PROBLEM, UNSP, UNSP TRI, FETUS 1	Multiple Gestation	ICD10
036.90X2	MATERNAL CARE FOR FETAL PROBLEM, UNSP, UNSP TRI, FETUS 2	Multiple Gestation	ICD10
036.90X3	MATERNAL CARE FOR FETAL PROBLEM, UNSP, UNSP TRI, FETUS 3	Multiple Gestation	ICD10
036.90X4	MATERNAL CARE FOR FETAL PROBLEM, UNSP, UNSP TRI, FETUS 4	Multiple Gestation	ICD10
036.90X5	MATERNAL CARE FOR FETAL PROBLEM, UNSP, UNSP TRI, FETUS 5	Multiple Gestation	ICD10
036.90X9	MATERNAL CARE FOR FETAL PROBLEM, UNSP, UNSP TRIMESTER, OTH	Multiple Gestation	ICD10
036.91X1	MATERNAL CARE FOR FETAL PROBLEM, UNSP, FIRST TRI, FETUS 1	Multiple Gestation	ICD10
036.91X2	MATERNAL CARE FOR FETAL PROBLEM, UNSP, FIRST TRI, FETUS 2	Multiple Gestation	ICD10
036.91X3	MATERNAL CARE FOR FETAL PROBLEM, UNSP, FIRST TRI, FETUS 3	Multiple Gestation	ICD10
036.91X4	MATERNAL CARE FOR FETAL PROBLEM, UNSP, FIRST TRI, FETUS 4	Multiple Gestation	ICD10

SMFM. Coding update for cesarean delivery from ICD-9-CM to ICD-10-CM. Am J Obstet Gynecol 2017.

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## SUPPLEMENTARY TABLE

**ICD-9-CM and ICD-10-CM codes indicating medical exclusion conditions for low risk for cesarean rate calculations** (continued)

ICD Diagnosis Code	ICD Diagnosis Code Short Description	Risk Factor Classification	ICD code type
036.91X5	MATERNAL CARE FOR FETAL PROBLEM, UNSP, FIRST TRI, FETUS 5	Multiple Gestation	ICD10
036.91X9	MATERNAL CARE FOR FETAL PROBLEM, UNSP, FIRST TRIMESTER, OTH	Multiple Gestation	ICD10
036.92X1	MATERNAL CARE FOR FETAL PROBLEM, UNSP, SECOND TRI, FETUS 1	Multiple Gestation	ICD10
036.92X2	MATERNAL CARE FOR FETAL PROBLEM, UNSP, SECOND TRI, FETUS 2	Multiple Gestation	ICD10
036.92X3	MATERNAL CARE FOR FETAL PROBLEM, UNSP, SECOND TRI, FETUS 3	Multiple Gestation	ICD10
036.92X4	MATERNAL CARE FOR FETAL PROBLEM, UNSP, SECOND TRI, FETUS 4	Multiple Gestation	ICD10
036.92X5	MATERNAL CARE FOR FETAL PROBLEM, UNSP, SECOND TRI, FETUS 5	Multiple Gestation	ICD10
036.92X9	MATERNAL CARE FOR FETAL PROBLEM, UNSP, SECOND TRIMESTER, OTH	Multiple Gestation	ICD10
036.93X1	MATERNAL CARE FOR FETAL PROBLEM, UNSP, THIRD TRI, FETUS 1	Multiple Gestation	ICD10
036.93X2	MATERNAL CARE FOR FETAL PROBLEM, UNSP, THIRD TRI, FETUS 2	Multiple Gestation	ICD10
036.93X3	MATERNAL CARE FOR FETAL PROBLEM, UNSP, THIRD TRI, FETUS 3	Multiple Gestation	ICD10
036.93X4	MATERNAL CARE FOR FETAL PROBLEM, UNSP, THIRD TRI, FETUS 4	Multiple Gestation	ICD10
036.93X5	MATERNAL CARE FOR FETAL PROBLEM, UNSP, THIRD TRI, FETUS 5	Multiple Gestation	ICD10
036.93X9	MATERNAL CARE FOR FETAL PROBLEM, UNSP, THIRD TRIMESTER, OTH	Multiple Gestation	ICD10
040.1XX1	POLYHYDRAMNIOS, FIRST TRIMESTER, FETUS 1	Multiple Gestation	ICD10
040.1XX2	POLYHYDRAMNIOS, FIRST TRIMESTER, FETUS 2	Multiple Gestation	ICD10
040.1XX3	POLYHYDRAMNIOS, FIRST TRIMESTER, FETUS 3	Multiple Gestation	ICD10
040.1XX4	POLYHYDRAMNIOS, FIRST TRIMESTER, FETUS 4	Multiple Gestation	ICD10
040.1XX5	POLYHYDRAMNIOS, FIRST TRIMESTER, FETUS 5	Multiple Gestation	ICD10
040.1XX9	POLYHYDRAMNIOS, FIRST TRIMESTER, OTHER FETUS	Multiple Gestation	ICD10
040.2XX1	POLYHYDRAMNIOS, SECOND TRIMESTER, FETUS 1	Multiple Gestation	ICD10
040.2XX2	POLYHYDRAMNIOS, SECOND TRIMESTER, FETUS 2	Multiple Gestation	ICD10
040.2XX3	POLYHYDRAMNIOS, SECOND TRIMESTER, FETUS 3	Multiple Gestation	ICD10
040.2XX4	POLYHYDRAMNIOS, SECOND TRIMESTER, FETUS 4	Multiple Gestation	ICD10
040.2XX5	POLYHYDRAMNIOS, SECOND TRIMESTER, FETUS 5	Multiple Gestation	ICD10
040.2XX9	POLYHYDRAMNIOS, SECOND TRIMESTER, OTHER FETUS	Multiple Gestation	ICD10
040.3XX1	POLYHYDRAMNIOS, THIRD TRIMESTER, FETUS 1	Multiple Gestation	ICD10
040.3XX2	POLYHYDRAMNIOS, THIRD TRIMESTER, FETUS 2	Multiple Gestation	ICD10
040.3XX3	POLYHYDRAMNIOS, THIRD TRIMESTER, FETUS 3	Multiple Gestation	ICD10

SMFM. Coding update for cesarean delivery from ICD-9-CM to ICD-10-CM. Am J Obstet Gynecol 2017.

(continued)

## SUPPLEMENTARY TABLE

## ICD-9-CM and ICD-10-CM codes indicating medical exclusion conditions for low risk for cesarean rate calculations (continued)

ICD Diagnosis Code	ICD Diagnosis Code Short Description	Risk Factor Classification	ICD code type
040.3XX4	POLYHYDRAMNIOS, THIRD TRIMESTER, FETUS 4	Multiple Gestation	ICD10
040.3XX5	POLYHYDRAMNIOS, THIRD TRIMESTER, FETUS 5	Multiple Gestation	ICD10
040.3XX9	POLYHYDRAMNIOS, THIRD TRIMESTER, OTHER FETUS	Multiple Gestation	ICD10
040.9XX1	POLYHYDRAMNIOS, UNSPECIFIED TRIMESTER, FETUS 1	Multiple Gestation	ICD10
040.9XX2	POLYHYDRAMNIOS, UNSPECIFIED TRIMESTER, FETUS 2	Multiple Gestation	ICD10
040.9XX3	POLYHYDRAMNIOS, UNSPECIFIED TRIMESTER, FETUS 3	Multiple Gestation	ICD10
040.9XX4	POLYHYDRAMNIOS, UNSPECIFIED TRIMESTER, FETUS 4	Multiple Gestation	ICD10
040.9XX5	POLYHYDRAMNIOS, UNSPECIFIED TRIMESTER, FETUS 5	Multiple Gestation	ICD10
040.9XX9	POLYHYDRAMNIOS, UNSPECIFIED TRIMESTER, OTHER FETUS	Multiple Gestation	ICD10
041.00X1	OLIGOHYDRAMNIOS, UNSPECIFIED TRIMESTER, FETUS 1	Multiple Gestation	ICD10
041.00X2	OLIGOHYDRAMNIOS, UNSPECIFIED TRIMESTER, FETUS 2	Multiple Gestation	ICD10
041.00X3	OLIGOHYDRAMNIOS, UNSPECIFIED TRIMESTER, FETUS 3	Multiple Gestation	ICD10
041.00X4	OLIGOHYDRAMNIOS, UNSPECIFIED TRIMESTER, FETUS 4	Multiple Gestation	ICD10
041.00X5	OLIGOHYDRAMNIOS, UNSPECIFIED TRIMESTER, FETUS 5	Multiple Gestation	ICD10
041.00X9	OLIGOHYDRAMNIOS, UNSPECIFIED TRIMESTER, OTHER FETUS	Multiple Gestation	ICD10
041.01X1	OLIGOHYDRAMNIOS, FIRST TRIMESTER, FETUS 1	Multiple Gestation	ICD10
041.01X2	OLIGOHYDRAMNIOS, FIRST TRIMESTER, FETUS 2	Multiple Gestation	ICD10
041.01X3	OLIGOHYDRAMNIOS, FIRST TRIMESTER, FETUS 3	Multiple Gestation	ICD10
041.01X4	OLIGOHYDRAMNIOS, FIRST TRIMESTER, FETUS 4	Multiple Gestation	ICD10
041.01X5	OLIGOHYDRAMNIOS, FIRST TRIMESTER, FETUS 5	Multiple Gestation	ICD10
041.01X9	OLIGOHYDRAMNIOS, FIRST TRIMESTER, OTHER FETUS	Multiple Gestation	ICD10
041.02X1	OLIGOHYDRAMNIOS, SECOND TRIMESTER, FETUS 1	Multiple Gestation	ICD10
041.02X2	OLIGOHYDRAMNIOS, SECOND TRIMESTER, FETUS 2	Multiple Gestation	ICD10
041.02X3	OLIGOHYDRAMNIOS, SECOND TRIMESTER, FETUS 3	Multiple Gestation	ICD10
041.02X4	OLIGOHYDRAMNIOS, SECOND TRIMESTER, FETUS 4	Multiple Gestation	ICD10
041.02X5	OLIGOHYDRAMNIOS, SECOND TRIMESTER, FETUS 5	Multiple Gestation	ICD10
041.02X9	OLIGOHYDRAMNIOS, SECOND TRIMESTER, OTHER FETUS	Multiple Gestation	ICD10
041.03X1	OLIGOHYDRAMNIOS, THIRD TRIMESTER, FETUS 1	Multiple Gestation	ICD10
041.03X2	OLIGOHYDRAMNIOS, THIRD TRIMESTER, FETUS 2	Multiple Gestation	ICD10
041.03X3	OLIGOHYDRAMNIOS, THIRD TRIMESTER, FETUS 3	Multiple Gestation	ICD10
041.03X4	OLIGOHYDRAMNIOS, THIRD TRIMESTER, FETUS 4	Multiple Gestation	ICD10
041.03X5	OLIGOHYDRAMNIOS, THIRD TRIMESTER, FETUS 5	Multiple Gestation	ICD10
041.03X9	OLIGOHYDRAMNIOS, THIRD TRIMESTER, OTHER FETUS	Multiple Gestation	ICD10

SMFM. Coding update for cesarean delivery from ICD-9-CM to ICD-10-CM. Am J Obstet Gynecol 2017.

(continued)

## SUPPLEMENTARY TABLE

**ICD-9-CM and ICD-10-CM codes indicating medical exclusion conditions for low risk for cesarean rate calculations** (continued)

ICD Diagnosis Code	ICD Diagnosis Code Short Description	Risk Factor Classification	ICD code type
041.1011	INFCT OF AMNIOTIC SAC AND MEMBRNS, UNSP, FIRST TRI, FETUS 1	Multiple Gestation	ICD10
041.1012	INFCT OF AMNIOTIC SAC AND MEMBRNS, UNSP, FIRST TRI, FETUS 2	Multiple Gestation	ICD10
041.1013	INFCT OF AMNIOTIC SAC AND MEMBRNS, UNSP, FIRST TRI, FETUS 3	Multiple Gestation	ICD10
041.1014	INFCT OF AMNIOTIC SAC AND MEMBRNS, UNSP, FIRST TRI, FETUS 4	Multiple Gestation	ICD10
041.1015	INFCT OF AMNIOTIC SAC AND MEMBRNS, UNSP, FIRST TRI, FETUS 5	Multiple Gestation	ICD10
041.1019	INFCT OF AMNIOTIC SAC AND MEMBRNS, UNSP, FIRST TRI, OTH	Multiple Gestation	ICD10
041.1021	INFCT OF AMNIOTIC SAC AND MEMBRNS, UNSP, SECOND TRI, FETUS 1	Multiple Gestation	ICD10
041.1022	INFCT OF AMNIOTIC SAC AND MEMBRNS, UNSP, SECOND TRI, FETUS 2	Multiple Gestation	ICD10
041.1023	INFCT OF AMNIOTIC SAC AND MEMBRNS, UNSP, SECOND TRI, FETUS 3	Multiple Gestation	ICD10
041.1024	INFCT OF AMNIOTIC SAC AND MEMBRNS, UNSP, SECOND TRI, FETUS 4	Multiple Gestation	ICD10
041.1025	INFCT OF AMNIOTIC SAC AND MEMBRNS, UNSP, SECOND TRI, FETUS 5	Multiple Gestation	ICD10
041.1029	INFCT OF AMNIOTIC SAC AND MEMBRNS, UNSP, SECOND TRI, OTH	Multiple Gestation	ICD10
041.1031	INFCT OF AMNIOTIC SAC AND MEMBRNS, UNSP, THIRD TRI, FETUS 1	Multiple Gestation	ICD10
041.1032	INFCT OF AMNIOTIC SAC AND MEMBRNS, UNSP, THIRD TRI, FETUS 2	Multiple Gestation	ICD10
041.1033	INFCT OF AMNIOTIC SAC AND MEMBRNS, UNSP, THIRD TRI, FETUS 3	Multiple Gestation	ICD10
041.1034	INFCT OF AMNIOTIC SAC AND MEMBRNS, UNSP, THIRD TRI, FETUS 4	Multiple Gestation	ICD10
041.1035	INFCT OF AMNIOTIC SAC AND MEMBRNS, UNSP, THIRD TRI, FETUS 5	Multiple Gestation	ICD10
041.1039	INFCT OF AMNIOTIC SAC AND MEMBRNS, UNSP, THIRD TRI, OTH	Multiple Gestation	ICD10
041.1091	INFCT OF AMNIOTIC SAC AND MEMBRNS, UNSP, UNSP TRI, FETUS 1	Multiple Gestation	ICD10
041.1092	INFCT OF AMNIOTIC SAC AND MEMBRNS, UNSP, UNSP TRI, FETUS 2	Multiple Gestation	ICD10
041.1093	INFCT OF AMNIOTIC SAC AND MEMBRNS, UNSP, UNSP TRI, FETUS 3	Multiple Gestation	ICD10
041.1094	INFCT OF AMNIOTIC SAC AND MEMBRNS, UNSP, UNSP TRI, FETUS 4	Multiple Gestation	ICD10
041.1095	INFCT OF AMNIOTIC SAC AND MEMBRNS, UNSP, UNSP TRI, FETUS 5	Multiple Gestation	ICD10

SMFM. Coding update for cesarean delivery from ICD-9-CM to ICD-10-CM. Am J Obstet Gynecol 2017.

(continued)

**SUPPLEMENTARY TABLE****ICD-9-CM and ICD-10-CM codes indicating medical exclusion conditions for low risk for cesarean rate calculations** *(continued)*

ICD Diagnosis Code	ICD Diagnosis Code Short Description	Risk Factor Classification	ICD code type
041.1099	INFCT OF AMNIOTIC SAC AND MEMBRNS, UNSP, UNSP TRIMESTER, OTH	Multiple Gestation	ICD10
041.1211	CHORIOAMNIONITIS, FIRST TRIMESTER, FETUS 1	Multiple Gestation	ICD10
041.1212	CHORIOAMNIONITIS, FIRST TRIMESTER, FETUS 2	Multiple Gestation	ICD10
041.1213	CHORIOAMNIONITIS, FIRST TRIMESTER, FETUS 3	Multiple Gestation	ICD10
041.1214	CHORIOAMNIONITIS, FIRST TRIMESTER, FETUS 4	Multiple Gestation	ICD10
041.1215	CHORIOAMNIONITIS, FIRST TRIMESTER, FETUS 5	Multiple Gestation	ICD10
041.1219	CHORIOAMNIONITIS, FIRST TRIMESTER, OTHER FETUS	Multiple Gestation	ICD10
041.1221	CHORIOAMNIONITIS, SECOND TRIMESTER, FETUS 1	Multiple Gestation	ICD10
041.1222	CHORIOAMNIONITIS, SECOND TRIMESTER, FETUS 2	Multiple Gestation	ICD10
041.1223	CHORIOAMNIONITIS, SECOND TRIMESTER, FETUS 3	Multiple Gestation	ICD10
041.1224	CHORIOAMNIONITIS, SECOND TRIMESTER, FETUS 4	Multiple Gestation	ICD10
041.1225	CHORIOAMNIONITIS, SECOND TRIMESTER, FETUS 5	Multiple Gestation	ICD10
041.1229	CHORIOAMNIONITIS, SECOND TRIMESTER, OTHER FETUS	Multiple Gestation	ICD10
041.1231	CHORIOAMNIONITIS, THIRD TRIMESTER, FETUS 1	Multiple Gestation	ICD10
041.1232	CHORIOAMNIONITIS, THIRD TRIMESTER, FETUS 2	Multiple Gestation	ICD10
041.1233	CHORIOAMNIONITIS, THIRD TRIMESTER, FETUS 3	Multiple Gestation	ICD10
041.1234	CHORIOAMNIONITIS, THIRD TRIMESTER, FETUS 4	Multiple Gestation	ICD10
041.1235	CHORIOAMNIONITIS, THIRD TRIMESTER, FETUS 5	Multiple Gestation	ICD10
041.1239	CHORIOAMNIONITIS, THIRD TRIMESTER, OTHER FETUS	Multiple Gestation	ICD10
041.1291	CHORIOAMNIONITIS, UNSPECIFIED TRIMESTER, FETUS 1	Multiple Gestation	ICD10
041.1292	CHORIOAMNIONITIS, UNSPECIFIED TRIMESTER, FETUS 2	Multiple Gestation	ICD10
041.1293	CHORIOAMNIONITIS, UNSPECIFIED TRIMESTER, FETUS 3	Multiple Gestation	ICD10
041.1294	CHORIOAMNIONITIS, UNSPECIFIED TRIMESTER, FETUS 4	Multiple Gestation	ICD10
041.1295	CHORIOAMNIONITIS, UNSPECIFIED TRIMESTER, FETUS 5	Multiple Gestation	ICD10
041.1299	CHORIOAMNIONITIS, UNSPECIFIED TRIMESTER, OTHER FETUS	Multiple Gestation	ICD10
041.1411	PLACENTITIS, FIRST TRIMESTER, FETUS 1	Multiple Gestation	ICD10
041.1412	PLACENTITIS, FIRST TRIMESTER, FETUS 2	Multiple Gestation	ICD10
041.1413	PLACENTITIS, FIRST TRIMESTER, FETUS 3	Multiple Gestation	ICD10
041.1414	PLACENTITIS, FIRST TRIMESTER, FETUS 4	Multiple Gestation	ICD10
041.1415	PLACENTITIS, FIRST TRIMESTER, FETUS 5	Multiple Gestation	ICD10
041.1419	PLACENTITIS, FIRST TRIMESTER, OTHER FETUS	Multiple Gestation	ICD10
041.1421	PLACENTITIS, SECOND TRIMESTER, FETUS 1	Multiple Gestation	ICD10
041.1422	PLACENTITIS, SECOND TRIMESTER, FETUS 2	Multiple Gestation	ICD10
041.1423	PLACENTITIS, SECOND TRIMESTER, FETUS 3	Multiple Gestation	ICD10
041.1424	PLACENTITIS, SECOND TRIMESTER, FETUS 4	Multiple Gestation	ICD10
041.1425	PLACENTITIS, SECOND TRIMESTER, FETUS 5	Multiple Gestation	ICD10

SMFM. Coding update for cesarean delivery from ICD-9-CM to ICD-10-CM. Am J Obstet Gynecol 2017.

*(continued)*

## SUPPLEMENTARY TABLE

**ICD-9-CM and ICD-10-CM codes indicating medical exclusion conditions for low risk for cesarean rate calculations** (continued)

ICD Diagnosis Code	ICD Diagnosis Code Short Description	Risk Factor Classification	ICD code type
041.1429	PLACENTITIS, SECOND TRIMESTER, OTHER FETUS	Multiple Gestation	ICD10
041.1431	PLACENTITIS, THIRD TRIMESTER, FETUS 1	Multiple Gestation	ICD10
041.1432	PLACENTITIS, THIRD TRIMESTER, FETUS 2	Multiple Gestation	ICD10
041.1433	PLACENTITIS, THIRD TRIMESTER, FETUS 3	Multiple Gestation	ICD10
041.1434	PLACENTITIS, THIRD TRIMESTER, FETUS 4	Multiple Gestation	ICD10
041.1435	PLACENTITIS, THIRD TRIMESTER, FETUS 5	Multiple Gestation	ICD10
041.1439	PLACENTITIS, THIRD TRIMESTER, OTHER FETUS	Multiple Gestation	ICD10
041.1491	PLACENTITIS, UNSPECIFIED TRIMESTER, FETUS 1	Multiple Gestation	ICD10
041.1492	PLACENTITIS, UNSPECIFIED TRIMESTER, FETUS 2	Multiple Gestation	ICD10
041.1493	PLACENTITIS, UNSPECIFIED TRIMESTER, FETUS 3	Multiple Gestation	ICD10
041.1494	PLACENTITIS, UNSPECIFIED TRIMESTER, FETUS 4	Multiple Gestation	ICD10
041.1495	PLACENTITIS, UNSPECIFIED TRIMESTER, FETUS 5	Multiple Gestation	ICD10
041.1499	PLACENTITIS, UNSPECIFIED TRIMESTER, OTHER FETUS	Multiple Gestation	ICD10
041.8X11	OTH DISRD OF AMNIOTIC FLUID AND MEMBRNS, FIRST TRI, FETUS 1	Multiple Gestation	ICD10
041.8X12	OTH DISRD OF AMNIOTIC FLUID AND MEMBRNS, FIRST TRI, FETUS 2	Multiple Gestation	ICD10
041.8X13	OTH DISRD OF AMNIOTIC FLUID AND MEMBRNS, FIRST TRI, FETUS 3	Multiple Gestation	ICD10
041.8X14	OTH DISRD OF AMNIOTIC FLUID AND MEMBRNS, FIRST TRI, FETUS 4	Multiple Gestation	ICD10
041.8X15	OTH DISRD OF AMNIOTIC FLUID AND MEMBRNS, FIRST TRI, FETUS 5	Multiple Gestation	ICD10
041.8X19	OTH DISRD OF AMNIOTIC FLUID AND MEMBRNS, FIRST TRI, OTH	Multiple Gestation	ICD10
041.8X21	OTH DISRD OF AMNIOTIC FLUID AND MEMBRNS, SECOND TRI, FETUS 1	Multiple Gestation	ICD10
041.8X22	OTH DISRD OF AMNIOTIC FLUID AND MEMBRNS, SECOND TRI, FETUS 2	Multiple Gestation	ICD10
041.8X23	OTH DISRD OF AMNIOTIC FLUID AND MEMBRNS, SECOND TRI, FETUS 3	Multiple Gestation	ICD10
041.8X24	OTH DISRD OF AMNIOTIC FLUID AND MEMBRNS, SECOND TRI, FETUS 4	Multiple Gestation	ICD10
041.8X25	OTH DISRD OF AMNIOTIC FLUID AND MEMBRNS, SECOND TRI, FETUS 5	Multiple Gestation	ICD10
041.8X29	OTH DISRD OF AMNIOTIC FLUID AND MEMBRNS, SECOND TRI, OTH	Multiple Gestation	ICD10
041.8X31	OTH DISRD OF AMNIOTIC FLUID AND MEMBRNS, THIRD TRI, FETUS 1	Multiple Gestation	ICD10
041.8X32	OTH DISRD OF AMNIOTIC FLUID AND MEMBRNS, THIRD TRI, FETUS 2	Multiple Gestation	ICD10
041.8X33	OTH DISRD OF AMNIOTIC FLUID AND MEMBRNS, THIRD TRI, FETUS 3	Multiple Gestation	ICD10

SMFM. Coding update for cesarean delivery from ICD-9-CM to ICD-10-CM. Am J Obstet Gynecol 2017.

(continued)

**SUPPLEMENTARY TABLE****ICD-9-CM and ICD-10-CM codes indicating medical exclusion conditions for low risk for cesarean rate calculations** *(continued)*

ICD Diagnosis Code	ICD Diagnosis Code Short Description	Risk Factor Classification	ICD code type
041.8X34	OTH DISRD OF AMNIOTIC FLUID AND MEMBRNS, THIRD TRI, FETUS 4	Multiple Gestation	ICD10
041.8X35	OTH DISRD OF AMNIOTIC FLUID AND MEMBRNS, THIRD TRI, FETUS 5	Multiple Gestation	ICD10
041.8X39	OTH DISRD OF AMNIOTIC FLUID AND MEMBRNS, THIRD TRI, OTH	Multiple Gestation	ICD10
041.8X91	OTH DISRD OF AMNIOTIC FLUID AND MEMBRNS, UNSP TRI, FETUS 1	Multiple Gestation	ICD10
041.8X92	OTH DISRD OF AMNIOTIC FLUID AND MEMBRNS, UNSP TRI, FETUS 2	Multiple Gestation	ICD10
041.8X93	OTH DISRD OF AMNIOTIC FLUID AND MEMBRNS, UNSP TRI, FETUS 3	Multiple Gestation	ICD10
041.8X94	OTH DISRD OF AMNIOTIC FLUID AND MEMBRNS, UNSP TRI, FETUS 4	Multiple Gestation	ICD10
041.8X95	OTH DISRD OF AMNIOTIC FLUID AND MEMBRNS, UNSP TRI, FETUS 5	Multiple Gestation	ICD10
041.8X99	OTH DISRD OF AMNIOTIC FLUID AND MEMBRNS, UNSP TRIMESTER, OTH	Multiple Gestation	ICD10
041.90X1	DISORDER OF AMNIO FLUID AND MEMBRNS, UNSP, UNSP TRI, FETUS 1	Multiple Gestation	ICD10
041.90X2	DISORDER OF AMNIO FLUID AND MEMBRNS, UNSP, UNSP TRI, FETUS 2	Multiple Gestation	ICD10
041.90X3	DISORDER OF AMNIO FLUID AND MEMBRNS, UNSP, UNSP TRI, FETUS 3	Multiple Gestation	ICD10
041.90X4	DISORDER OF AMNIO FLUID AND MEMBRNS, UNSP, UNSP TRI, FETUS 4	Multiple Gestation	ICD10
041.90X5	DISORDER OF AMNIO FLUID AND MEMBRNS, UNSP, UNSP TRI, FETUS 5	Multiple Gestation	ICD10
041.90X9	DISORDER OF AMNIOTIC FLUID AND MEMBRNS, UNSP, UNSP TRI, OTH	Multiple Gestation	ICD10
041.91X1	DISORD OF AMNIO FLUID AND MEMBRNS, UNSP, FIRST TRI, FETUS 1	Multiple Gestation	ICD10
041.91X2	DISORD OF AMNIO FLUID AND MEMBRNS, UNSP, FIRST TRI, FETUS 2	Multiple Gestation	ICD10
041.91X3	DISORD OF AMNIO FLUID AND MEMBRNS, UNSP, FIRST TRI, FETUS 3	Multiple Gestation	ICD10
041.91X4	DISORD OF AMNIO FLUID AND MEMBRNS, UNSP, FIRST TRI, FETUS 4	Multiple Gestation	ICD10
041.91X5	DISORD OF AMNIO FLUID AND MEMBRNS, UNSP, FIRST TRI, FETUS 5	Multiple Gestation	ICD10
041.91X9	DISORDER OF AMNIOTIC FLUID AND MEMBRNS, UNSP, FIRST TRI, OTH	Multiple Gestation	ICD10
041.92X1	DISORD OF AMNIO FLUID AND MEMBRNS, UNSP, SECOND TRI, FETUS 1	Multiple Gestation	ICD10
041.92X2	DISORD OF AMNIO FLUID AND MEMBRNS, UNSP, SECOND TRI, FETUS 2	Multiple Gestation	ICD10

SMFM. Coding update for cesarean delivery from ICD-9-CM to ICD-10-CM. *Am J Obstet Gynecol* 2017.*(continued)*



## SUPPLEMENTARY TABLE

**ICD-9-CM and ICD-10-CM codes indicating medical exclusion conditions for low risk for cesarean rate calculations** (continued)

ICD Diagnosis Code	ICD Diagnosis Code Short Description	Risk Factor Classification	ICD code type
041.92X3	DISORD OF AMNIO FLUID AND MEMBRNS, UNSP, SECOND TRI, FETUS 3	Multiple Gestation	ICD10
041.92X4	DISORD OF AMNIO FLUID AND MEMBRNS, UNSP, SECOND TRI, FETUS 4	Multiple Gestation	ICD10
041.92X5	DISORD OF AMNIO FLUID AND MEMBRNS, UNSP, SECOND TRI, FETUS 5	Multiple Gestation	ICD10
041.92X9	DISORDER OF AMNIO FLUID AND MEMBRNS, UNSP, SECOND TRI, OTH	Multiple Gestation	ICD10
041.93X1	DISORD OF AMNIO FLUID AND MEMBRNS, UNSP, THIRD TRI, FETUS 1	Multiple Gestation	ICD10
041.93X2	DISORD OF AMNIO FLUID AND MEMBRNS, UNSP, THIRD TRI, FETUS 2	Multiple Gestation	ICD10
041.93X3	DISORD OF AMNIO FLUID AND MEMBRNS, UNSP, THIRD TRI, FETUS 3	Multiple Gestation	ICD10
041.93X4	DISORD OF AMNIO FLUID AND MEMBRNS, UNSP, THIRD TRI, FETUS 4	Multiple Gestation	ICD10
041.93X5	DISORD OF AMNIO FLUID AND MEMBRNS, UNSP, THIRD TRI, FETUS 5	Multiple Gestation	ICD10
041.93X9	DISORDER OF AMNIOTIC FLUID AND MEMBRNS, UNSP, THIRD TRI, OTH	Multiple Gestation	ICD10
060.10X1	PRETERM LABOR WITH PRETERM DELIVERY, UNSPECIFIED TRIMESTER, FETUS 1	Multiple Gestation	ICD10
060.10X2	PRETERM LABOR WITH PRETERM DELIVERY, UNSPECIFIED TRIMESTER, FETUS 2	Multiple Gestation	ICD10
060.10X3	PRETERM LABOR WITH PRETERM DELIVERY, UNSPECIFIED TRIMESTER, FETUS 3	Multiple Gestation	ICD10
060.10X4	PRETERM LABOR WITH PRETERM DELIVERY, UNSPECIFIED TRIMESTER, FETUS 4	Multiple Gestation	ICD10
060.10X5	PRETERM LABOR WITH PRETERM DELIVERY, UNSPECIFIED TRIMESTER, FETUS 5	Multiple Gestation	ICD10
060.10X9	PRETERM LABOR WITH PRETERM DELIVERY, UNSPECIFIED TRIMESTER, OTHER FETUS	Multiple Gestation	ICD10
060.12X1	PRETERM LABOR SECOND TRIMESTER WITH PRETERM DELIVERY SECOND TRIMESTER, FETUS 1	Multiple Gestation	ICD10
060.12X2	PRETERM LABOR SECOND TRIMESTER WITH PRETERM DELIVERY SECOND TRIMESTER, FETUS 2	Multiple Gestation	ICD10
060.12X3	PRETERM LABOR SECOND TRIMESTER WITH PRETERM DELIVERY SECOND TRIMESTER, FETUS 3	Multiple Gestation	ICD10
060.12X4	PRETERM LABOR SECOND TRIMESTER WITH PRETERM DELIVERY SECOND TRIMESTER, FETUS 4	Multiple Gestation	ICD10
060.12X5	PRETERM LABOR SECOND TRIMESTER WITH PRETERM DELIVERY SECOND TRIMESTER, FETUS 5	Multiple Gestation	ICD10
060.12X9	PRETERM LABOR SECOND TRIMESTER WITH PRETERM DELIVERY SECOND TRIMESTER, OTHER FETUS	Multiple Gestation	ICD10
060.13X1	PRETERM LABOR SECOND TRIMESTER WITH PRETERM DELIVERY THIRD TRIMESTER, FETUS 1	Multiple Gestation	ICD10

SMFM. Coding update for cesarean delivery from ICD-9-CM to ICD-10-CM. Am J Obstet Gynecol 2017.

(continued)

## SUPPLEMENTARY TABLE

**ICD-9-CM and ICD-10-CM codes indicating medical exclusion conditions for low risk for cesarean rate calculations** (continued)

ICD Diagnosis Code	ICD Diagnosis Code Short Description	Risk Factor Classification	ICD code type
060.13X2	PRETERM LABOR SECOND TRIMESTER WITH PRETERM DELIVERY THIRD TRIMESTER, FETUS 2	Multiple Gestation	ICD10
060.13X3	PRETERM LABOR SECOND TRIMESTER WITH PRETERM DELIVERY THIRD TRIMESTER, FETUS 3	Multiple Gestation	ICD10
060.13X4	PRETERM LABOR SECOND TRIMESTER WITH PRETERM DELIVERY THIRD TRIMESTER, FETUS 4	Multiple Gestation	ICD10
060.13X5	PRETERM LABOR SECOND TRIMESTER WITH PRETERM DELIVERY THIRD TRIMESTER, FETUS 5	Multiple Gestation	ICD10
060.13X9	PRETERM LABOR SECOND TRIMESTER WITH PRETERM DELIVERY THIRD TRIMESTER, OTHER FETUS	Multiple Gestation	ICD10
060.14X1	PRETERM LABOR THIRD TRIMESTER WITH PRETERM DELIVERY THIRD TRIMESTER, FETUS 1	Multiple Gestation	ICD10
060.14X2	PRETERM LABOR THIRD TRIMESTER WITH PRETERM DELIVERY THIRD TRIMESTER, FETUS 2	Multiple Gestation	ICD10
060.14X3	PRETERM LABOR THIRD TRIMESTER WITH PRETERM DELIVERY THIRD TRIMESTER, FETUS 3	Multiple Gestation	ICD10
060.14X4	PRETERM LABOR THIRD TRIMESTER WITH PRETERM DELIVERY THIRD TRIMESTER, FETUS 4	Multiple Gestation	ICD10
060.14X5	PRETERM LABOR THIRD TRIMESTER WITH PRETERM DELIVERY THIRD TRIMESTER, FETUS 5	Multiple Gestation	ICD10
060.14X9	PRETERM LABOR THIRD TRIMESTER WITH PRETERM DELIVERY THIRD TRIMESTER, OTHER FETUS	Multiple Gestation	ICD10
060.20X1	TERM DELIVERY WITH PRETERM LABOR, UNSPECIFIED TRIMESTER, FETUS 1	Multiple Gestation	ICD10
060.20X2	TERM DELIVERY WITH PRETERM LABOR, UNSPECIFIED TRIMESTER, FETUS 2	Multiple Gestation	ICD10
060.20X3	TERM DELIVERY WITH PRETERM LABOR, UNSPECIFIED TRIMESTER, FETUS 3	Multiple Gestation	ICD10
060.20X4	TERM DELIVERY WITH PRETERM LABOR, UNSPECIFIED TRIMESTER, FETUS 4	Multiple Gestation	ICD10
060.20X5	TERM DELIVERY WITH PRETERM LABOR, UNSPECIFIED TRIMESTER, FETUS 5	Multiple Gestation	ICD10
060.20X9	TERM DELIVERY WITH PRETERM LABOR, UNSPECIFIED TRIMESTER, OTHER FETUS	Multiple Gestation	ICD10
060.22X1	TERM DELIVERY WITH PRETERM LABOR, SECOND TRIMESTER, FETUS 1	Multiple Gestation	ICD10
060.22X2	TERM DELIVERY WITH PRETERM LABOR, SECOND TRIMESTER, FETUS 2	Multiple Gestation	ICD10
060.22X3	TERM DELIVERY WITH PRETERM LABOR, SECOND TRIMESTER, FETUS 3	Multiple Gestation	ICD10
060.22X4	TERM DELIVERY WITH PRETERM LABOR, SECOND TRIMESTER, FETUS 4	Multiple Gestation	ICD10
060.22X5	TERM DELIVERY WITH PRETERM LABOR, SECOND TRIMESTER, FETUS 5	Multiple Gestation	ICD10
060.22X9	TERM DELIVERY WITH PRETERM LABOR, SECOND TRIMESTER, OTHER FETUS	Multiple Gestation	ICD10

SMFM. Coding update for cesarean delivery from ICD-9-CM to ICD-10-CM. Am J Obstet Gynecol 2017.

(continued)

## SUPPLEMENTARY TABLE

**ICD-9-CM and ICD-10-CM codes indicating medical exclusion conditions for low risk for cesarean rate calculations** (continued)

ICD Diagnosis Code	ICD Diagnosis Code Short Description	Risk Factor Classification	ICD code type
060.23X1	TERM DELIVERY WITH PRETERM LABOR, THIRD TRIMESTER, FETUS 1	Multiple Gestation	ICD10
060.23X2	TERM DELIVERY WITH PRETERM LABOR, THIRD TRIMESTER, FETUS 2	Multiple Gestation	ICD10
060.23X3	TERM DELIVERY WITH PRETERM LABOR, THIRD TRIMESTER, FETUS 3	Multiple Gestation	ICD10
060.23X4	TERM DELIVERY WITH PRETERM LABOR, THIRD TRIMESTER, FETUS 4	Multiple Gestation	ICD10
060.23X5	TERM DELIVERY WITH PRETERM LABOR, THIRD TRIMESTER, FETUS 5	Multiple Gestation	ICD10
060.23X9	TERM DELIVERY WITH PRETERM LABOR, THIRD TRIMESTER, OTHER FETUS	Multiple Gestation	ICD10
064.0XX1	OBSTRUCTED LABOR DUE TO INCOMPLETE ROTATION OF FETAL HEAD, FETUS 1	Multiple Gestation	ICD10
064.0XX2	OBSTRUCTED LABOR DUE TO INCOMPLETE ROTATION OF FETAL HEAD, FETUS 2	Multiple Gestation	ICD10
064.0XX3	OBSTRUCTED LABOR DUE TO INCOMPLETE ROTATION OF FETAL HEAD, FETUS 3	Multiple Gestation	ICD10
064.0XX4	OBSTRUCTED LABOR DUE TO INCOMPLETE ROTATION OF FETAL HEAD, FETUS 4	Multiple Gestation	ICD10
064.0XX5	OBSTRUCTED LABOR DUE TO INCOMPLETE ROTATION OF FETAL HEAD, FETUS 5	Multiple Gestation	ICD10
064.0XX9	OBSTRUCTED LABOR DUE TO INCOMPLETE ROTATION OF FETAL HEAD, OTHER FETUS	Multiple Gestation	ICD10
064.1XX1	OBSTRUCTED LABOR DUE TO BREECH PRESENTATION, FETUS 1	Multiple Gestation	ICD10
064.1XX2	OBSTRUCTED LABOR DUE TO BREECH PRESENTATION, FETUS 2	Multiple Gestation	ICD10
064.1XX3	OBSTRUCTED LABOR DUE TO BREECH PRESENTATION, FETUS 3	Multiple Gestation	ICD10
064.1XX4	OBSTRUCTED LABOR DUE TO BREECH PRESENTATION, FETUS 4	Multiple Gestation	ICD10
064.1XX5	OBSTRUCTED LABOR DUE TO BREECH PRESENTATION, FETUS 5	Multiple Gestation	ICD10
064.1XX9	OBSTRUCTED LABOR DUE TO BREECH PRESENTATION, OTHER FETUS	Multiple Gestation	ICD10
064.2XX1	OBSTRUCTED LABOR DUE TO FACE PRESENTATION, FETUS 1	Multiple Gestation	ICD10
064.2XX2	OBSTRUCTED LABOR DUE TO FACE PRESENTATION, FETUS 2	Multiple Gestation	ICD10
064.2XX3	OBSTRUCTED LABOR DUE TO FACE PRESENTATION, FETUS 3	Multiple Gestation	ICD10
064.2XX4	OBSTRUCTED LABOR DUE TO FACE PRESENTATION, FETUS 4	Multiple Gestation	ICD10
064.2XX5	OBSTRUCTED LABOR DUE TO FACE PRESENTATION, FETUS 5	Multiple Gestation	ICD10

SMFM. Coding update for cesarean delivery from ICD-9-CM to ICD-10-CM. Am J Obstet Gynecol 2017.

(continued)

**SUPPLEMENTARY TABLE****ICD-9-CM and ICD-10-CM codes indicating medical exclusion conditions for low risk for cesarean rate calculations** *(continued)*

ICD Diagnosis Code	ICD Diagnosis Code Short Description	Risk Factor Classification	ICD code type
064.2XX9	OBSTRUCTED LABOR DUE TO FACE PRESENTATION, OTHER FETUS	Multiple Gestation	ICD10
064.3XX1	OBSTRUCTED LABOR DUE TO BROW PRESENTATION, FETUS 1	Multiple Gestation	ICD10
064.3XX2	OBSTRUCTED LABOR DUE TO BROW PRESENTATION, FETUS 2	Multiple Gestation	ICD10
064.3XX3	OBSTRUCTED LABOR DUE TO BROW PRESENTATION, FETUS 3	Multiple Gestation	ICD10
064.3XX4	OBSTRUCTED LABOR DUE TO BROW PRESENTATION, FETUS 4	Multiple Gestation	ICD10
064.3XX5	OBSTRUCTED LABOR DUE TO BROW PRESENTATION, FETUS 5	Multiple Gestation	ICD10
064.3XX9	OBSTRUCTED LABOR DUE TO BROW PRESENTATION, OTHER FETUS	Multiple Gestation	ICD10
064.4XX1	OBSTRUCTED LABOR DUE TO SHOULDER PRESENTATION, FETUS 1	Multiple Gestation	ICD10
064.4XX2	OBSTRUCTED LABOR DUE TO SHOULDER PRESENTATION, FETUS 2	Multiple Gestation	ICD10
064.4XX3	OBSTRUCTED LABOR DUE TO SHOULDER PRESENTATION, FETUS 3	Multiple Gestation	ICD10
064.4XX4	OBSTRUCTED LABOR DUE TO SHOULDER PRESENTATION, FETUS 4	Multiple Gestation	ICD10
064.4XX5	OBSTRUCTED LABOR DUE TO SHOULDER PRESENTATION, FETUS 5	Multiple Gestation	ICD10
064.4XX9	OBSTRUCTED LABOR DUE TO SHOULDER PRESENTATION, OTHER FETUS	Multiple Gestation	ICD10
064.5XX1	OBSTRUCTED LABOR DUE TO COMPOUND PRESENTATION, FETUS 1	Multiple Gestation	ICD10
064.5XX2	OBSTRUCTED LABOR DUE TO COMPOUND PRESENTATION, FETUS 2	Multiple Gestation	ICD10
064.5XX3	OBSTRUCTED LABOR DUE TO COMPOUND PRESENTATION, FETUS 3	Multiple Gestation	ICD10
064.5XX4	OBSTRUCTED LABOR DUE TO COMPOUND PRESENTATION, FETUS 4	Multiple Gestation	ICD10
064.5XX5	OBSTRUCTED LABOR DUE TO COMPOUND PRESENTATION, FETUS 5	Multiple Gestation	ICD10
064.5XX9	OBSTRUCTED LABOR DUE TO COMPOUND PRESENTATION, OTHER FETUS	Multiple Gestation	ICD10
069.0XX1	LABOR AND DELIVERY COMPLICATED BY PROLAPSE OF CORD, FETUS 1	Multiple Gestation	ICD10
069.0XX2	LABOR AND DELIVERY COMPLICATED BY PROLAPSE OF CORD, FETUS 2	Multiple Gestation	ICD10
069.0XX3	LABOR AND DELIVERY COMPLICATED BY PROLAPSE OF CORD, FETUS 3	Multiple Gestation	ICD10
069.0XX4	LABOR AND DELIVERY COMPLICATED BY PROLAPSE OF CORD, FETUS 4	Multiple Gestation	ICD10

SMFM. Coding update for cesarean delivery from ICD-9-CM to ICD-10-CM. Am J Obstet Gynecol 2017.

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## SUPPLEMENTARY TABLE

**ICD-9-CM and ICD-10-CM codes indicating medical exclusion conditions for low risk for cesarean rate calculations** (continued)

ICD Diagnosis Code	ICD Diagnosis Code Short Description	Risk Factor Classification	ICD code type
069.0XX5	LABOR AND DELIVERY COMPLICATED BY PROLAPSE OF CORD, FETUS 5	Multiple Gestation	ICD10
069.0XX9	LABOR AND DELIVERY COMPLICATED BY PROLAPSE OF CORD, OTHER FETUS	Multiple Gestation	ICD10
069.1XX1	LABOR AND DEL COMP BY CORD AROUND NECK, W COMPRSN, FETUS 1	Multiple Gestation	ICD10
069.1XX2	LABOR AND DEL COMP BY CORD AROUND NECK, W COMPRSN, FETUS 2	Multiple Gestation	ICD10
069.1XX3	LABOR AND DEL COMP BY CORD AROUND NECK, W COMPRSN, FETUS 3	Multiple Gestation	ICD10
069.1XX4	LABOR AND DEL COMP BY CORD AROUND NECK, W COMPRSN, FETUS 4	Multiple Gestation	ICD10
069.1XX5	LABOR AND DEL COMP BY CORD AROUND NECK, W COMPRSN, FETUS 5	Multiple Gestation	ICD10
069.1XX9	LABOR AND DELIVERY COMP BY CORD AROUND NECK, W COMPRSN, OTH	Multiple Gestation	ICD10
069.2XX1	LABOR AND DEL COMP BY OTH CORD ENTANGLE, W COMPRSN, FETUS 1	Multiple Gestation	ICD10
069.2XX2	LABOR AND DEL COMP BY OTH CORD ENTANGLE, W COMPRSN, FETUS 2	Multiple Gestation	ICD10
069.2XX3	LABOR AND DEL COMP BY OTH CORD ENTANGLE, W COMPRSN, FETUS 3	Multiple Gestation	ICD10
069.2XX4	LABOR AND DEL COMP BY OTH CORD ENTANGLE, W COMPRSN, FETUS 4	Multiple Gestation	ICD10
069.2XX5	LABOR AND DEL COMP BY OTH CORD ENTANGLE, W COMPRSN, FETUS 5	Multiple Gestation	ICD10
069.2XX9	LABOR AND DELIVERY COMP BY OTH CORD ENTANGLE, W COMPRSN, OTH	Multiple Gestation	ICD10
069.3XX1	LABOR AND DELIVERY COMPLICATED BY SHORT CORD, FETUS 1	Multiple Gestation	ICD10
069.3XX2	LABOR AND DELIVERY COMPLICATED BY SHORT CORD, FETUS 2	Multiple Gestation	ICD10
069.3XX3	LABOR AND DELIVERY COMPLICATED BY SHORT CORD, FETUS 3	Multiple Gestation	ICD10
069.3XX4	LABOR AND DELIVERY COMPLICATED BY SHORT CORD, FETUS 4	Multiple Gestation	ICD10
069.3XX5	LABOR AND DELIVERY COMPLICATED BY SHORT CORD, FETUS 5	Multiple Gestation	ICD10
069.3XX9	LABOR AND DELIVERY COMPLICATED BY SHORT CORD, OTHER FETUS	Multiple Gestation	ICD10
069.4XX1	LABOR AND DELIVERY COMPLICATED BY VASA PREVIA, FETUS 1	Multiple Gestation	ICD10
069.4XX2	LABOR AND DELIVERY COMPLICATED BY VASA PREVIA, FETUS 2	Multiple Gestation	ICD10
069.4XX3	LABOR AND DELIVERY COMPLICATED BY VASA PREVIA, FETUS 3	Multiple Gestation	ICD10

SMFM. Coding update for cesarean delivery from ICD-9-CM to ICD-10-CM. Am J Obstet Gynecol 2017.

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## SUPPLEMENTARY TABLE

**ICD-9-CM and ICD-10-CM codes indicating medical exclusion conditions for low risk for cesarean rate calculations** (continued)

ICD Diagnosis Code	ICD Diagnosis Code Short Description	Risk Factor Classification	ICD code type
069.4XX4	LABOR AND DELIVERY COMPLICATED BY VASA PREVIA, FETUS 4	Multiple Gestation	ICD10
069.4XX5	LABOR AND DELIVERY COMPLICATED BY VASA PREVIA, FETUS 5	Multiple Gestation	ICD10
069.4XX9	LABOR AND DELIVERY COMPLICATED BY VASA PREVIA, OTHER FETUS	Multiple Gestation	ICD10
069.5XX1	LABOR AND DELIVERY COMP BY VASCULAR LESION OF CORD, FETUS 1	Multiple Gestation	ICD10
069.5XX2	LABOR AND DELIVERY COMP BY VASCULAR LESION OF CORD, FETUS 2	Multiple Gestation	ICD10
069.5XX3	LABOR AND DELIVERY COMP BY VASCULAR LESION OF CORD, FETUS 3	Multiple Gestation	ICD10
069.5XX4	LABOR AND DELIVERY COMP BY VASCULAR LESION OF CORD, FETUS 4	Multiple Gestation	ICD10
069.5XX5	LABOR AND DELIVERY COMP BY VASCULAR LESION OF CORD, FETUS 5	Multiple Gestation	ICD10
069.5XX9	LABOR AND DELIVERY COMP BY VASCULAR LESION OF CORD, OTH	Multiple Gestation	ICD10
069.81X1	LABOR AND DEL COMP BY CORD AROUND NECK, W/O COMPRSN, FETUS 1	Multiple Gestation	ICD10
069.81X2	LABOR AND DEL COMP BY CORD AROUND NECK, W/O COMPRSN, FETUS 2	Multiple Gestation	ICD10
069.81X3	LABOR AND DEL COMP BY CORD AROUND NECK, W/O COMPRSN, FETUS 3	Multiple Gestation	ICD10
069.81X4	LABOR AND DEL COMP BY CORD AROUND NECK, W/O COMPRSN, FETUS 4	Multiple Gestation	ICD10
069.81X5	LABOR AND DEL COMP BY CORD AROUND NECK, W/O COMPRSN, FETUS 5	Multiple Gestation	ICD10
069.81X9	LABOR AND DEL COMP BY CORD AROUND NECK, W/O COMPRSN, OTH	Multiple Gestation	ICD10
069.82X1	LABOR AND DEL COMP BY OTH CORD ENTANGLE, W/O COMPRSN, FTS1	Multiple Gestation	ICD10
069.82X2	LABOR AND DEL COMP BY OTH CORD ENTANGLE, W/O COMPRSN, FTS2	Multiple Gestation	ICD10
069.82X3	LABOR AND DEL COMP BY OTH CORD ENTANGLE, W/O COMPRSN, FTS3	Multiple Gestation	ICD10
069.82X4	LABOR AND DEL COMP BY OTH CORD ENTANGLE, W/O COMPRSN, FTS4	Multiple Gestation	ICD10
069.82X5	LABOR AND DEL COMP BY OTH CORD ENTANGLE, W/O COMPRSN, FTS5	Multiple Gestation	ICD10
069.82X9	LABOR AND DEL COMP BY OTH CORD ENTANGLE, W/O COMPRSN, OTH	Multiple Gestation	ICD10
069.89X1	LABOR AND DELIVERY COMPLICATED BY OTH CORD COMP, FETUS 1	Multiple Gestation	ICD10
069.89X2	LABOR AND DELIVERY COMPLICATED BY OTH CORD COMP, FETUS 2	Multiple Gestation	ICD10

SMFM. Coding update for cesarean delivery from ICD-9-CM to ICD-10-CM. Am J Obstet Gynecol 2017.

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**SUPPLEMENTARY TABLE****ICD-9-CM and ICD-10-CM codes indicating medical exclusion conditions for low risk for cesarean rate calculations** *(continued)*

ICD Diagnosis Code	ICD Diagnosis Code Short Description	Risk Factor Classification	ICD code type
069.89X3	LABOR AND DELIVERY COMPLICATED BY OTH CORD COMP, FETUS 3	Multiple Gestation	ICD10
069.89X4	LABOR AND DELIVERY COMPLICATED BY OTH CORD COMP, FETUS 4	Multiple Gestation	ICD10
069.89X5	LABOR AND DELIVERY COMPLICATED BY OTH CORD COMP, FETUS 5	Multiple Gestation	ICD10
069.89X9	LABOR AND DELIVERY COMPLICATED BY OTH CORD COMP, OTH	Multiple Gestation	ICD10
069.9XX1	LABOR AND DELIVERY COMPLICATED BY CORD COMP, UNSP, FETUS 1	Multiple Gestation	ICD10
069.9XX2	LABOR AND DELIVERY COMPLICATED BY CORD COMP, UNSP, FETUS 2	Multiple Gestation	ICD10
069.9XX3	LABOR AND DELIVERY COMPLICATED BY CORD COMP, UNSP, FETUS 3	Multiple Gestation	ICD10
069.9XX4	LABOR AND DELIVERY COMPLICATED BY CORD COMP, UNSP, FETUS 4	Multiple Gestation	ICD10
069.9XX5	LABOR AND DELIVERY COMPLICATED BY CORD COMP, UNSP, FETUS 5	Multiple Gestation	ICD10
069.9XX9	LABOR AND DELIVERY COMPLICATED BY CORD COMP, UNSP, OTH	Multiple Gestation	ICD10

SMFM. Coding update for cesarean delivery from ICD-9-CM to ICD-10-CM. *Am J Obstet Gynecol* 2017.