

Appendix 1. Summary of Conditions That Were Excluded From Being Considered Low Risk for Cesarean Delivery, According to the SMFM Definition

| Maternal factors | Fetal factors | Uterine/Placenta factors | Conduct of labor |
|--|---|---|--|
| HIV disease Eclampsia HELLP syndrome Congenital cardiovascular disorder of mother Disease of the circulatory system complicating pregnancy Chronic kidney disease Cerebral venous thrombosis | Preterm birth Still birth Malpresentation Hydrocephalic fetus Fetal abnormality Central nervous system malformation Conjoined twins Multiple gestation | Placenta conditions Previous cesarean delivery Retroverted and incarcerated gravid uterus Prolapse of cord Vasa previa Rupture of uterus | Failed attempt vaginal birth Attempted application of vacuum extraction and forceps |

Data from Armstrong J, McDermott P, Saade GR, Srinivas SK; Society for Maternal-Fetal Medicine Health Policy and Advocacy Committee; Society for Maternal-Fetal Medicine Coding Committee. Coding update of the SMFM definition of low risk for cesarean delivery from ICD-9-CM to ICD-10-CM. Am J Obstet Gynecol 2017;217:B2-B12.e56. doi: 10.1016/j.ajog.2017.04.013

Appendix 2. Select Clinically Relevant Conditions for Cesarean Delivery Not Included in the SMFM Definition

| Maternal morbidities | ICD-9 codes | ICD-10 codes using General Equivalence Mappings |
|---|--|---|
| Diabetes | 250, 648.0, 648.8 | 'E1010','E1011','E1021','E1029','E10311','E10319','E1036', 'E1037X1','E1037X2','E1037X3','E1037X9','E1039','E1040', 'E1051','E10618','E10620','E10621','E10622','E10628', 'E10630','E10638','E10641','E10649', 'E1065','E1069','E108','E109','E1100','E1101','E1110', 'E1111','E1121','E1129','E11311','E11319','E1136','E1139','E1140', 'E1151','E11618','E11620','E11621','E11622','E11628','E11630', 'E11638','E11641','E11649','E1165','E1169','E118','E119','E1310', 'O24319','O2432','O24415','O24419','O24425','O24429','O24435', 'O24439','O24911','O24912','O24913','O2492','O2493','O99810', 'O99814','O99815' |
| Hypertensive Disorder and Pregnancy-Related Hypertensive Disorder | 401, 402, 403, 404, 405, 642.0, 642.1, 642.2 642.3, 642.4, 642.5, 642.6, 642.7 | 'I10','I110','I119','I120','I129','I130','I1310','I1311', 'I132','I150','I158','I169','O10011','O10012','O10013', 'O10019','O1002','O1003','O10111','O10112','O10113', 'O10119','O1012','O1013','O10211','O10212','O10213', 'O10219','O1022','O1023', 'O10311','O10312','O10313','O10319','O1032','O1033','O10411', 'O10412','O10413','O10419','O1042','O1043','O10911', 'O10912','O10913', 'O10919','O1092','O1093','O111','O112','O113','O119' 'O111','O112','O113','O114','O115','O119','O131','O132', 'O133','O134','O135','O139','O1400','O1402','O1403', 'O1404','O1405','O1410','O1412','O1413','O1414','O1415', 'O1420','O1422','O1423','O1424','O1425','O1490','O1492','O1493', 'O1494','O1495','O1502','O1503','O151','O152','O159','O161', 'O162','O163' |
| Obesity | 278, 649.1, 649.2, V85.3, | 'E65','E6601','E662','E663','E669','E670','E671','E673', 'E678','O99210','O99211','O99212','O99213','O99214','O99215', 'O99840','O99841','O99842','O99843','O99844','O99845','Z6830', 'Z6831','Z6832','Z6833','Z6834','Z6835','Z6836','Z6837','Z6838', |

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| Maternal morbidities | ICD-9 codes | ICD-10 codes using General Equivalence Mappings |
|-----------------------------|--------------------|---|
| | V85.4, V85.54 | 'Z6839','Z6841','Z6842','Z6843','Z6844','Z6845','Z6854' |

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