

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

Ouyang L, Cox S, Ferre C, Xu L, Sappenfield WM, Barfield W. Variations in low-risk cesarean delivery rates in the United States using the Society for Maternal-Fetal Medicine definition. *Obstet Gynecol* 2022;139.

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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 morbidity	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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