

## Appendix 1. Select Codes with Descriptions

Description	ICD-9 Code	CPT Code	DRG Code
Outcome of Delivery*	V27		
Mode of Delivery ± complication*	650 (normal delivery)	59409, 59612 (vaginal delivery)	Version 24 or earlier: 370 Version 25 or later: 765 (complicated cesarean delivery)
	669.7 (cesarean delivery without mention of indication)	59514, 59620 (cesarean delivery)	Version 24 or earlier: 371 Version 25 or later: 766 (uncomplicated cesarean delivery)
			Version 24 or earlier: 372 Version 25 or later: 774 (complicated vaginal delivery)
			Version 24 or earlier: 373 Version 25 or later: 775 (uncomplicated vaginal delivery)
			Version 24 or earlier: 374 Version 25 or later: 767 (uncomplicated vaginal delivery with sterilization and/or dilation & curettage)
			Version 24 or earlier: 375 Version 25 or later: 768 (vaginal delivery with operation room procedure except sterilization and/or dilation & curettage)

Selected delivery related procedures*	72.0, 72.1, 72.21, 72.29, 72.31, 72.39, 72.4, 72.6 (forceps)		
	72.51-72.54 (breech extraction)		
	72.71-72.79 (vacuum extraction)		
	72.8, 72.9, (other specified and unspecified delivery)		
	73.22 (internal and combined version and extraction)		
	73.59 (other manually assisted delivery)		
	73.6 (episiotomy)		
	74.0-74.2, 74.4, 74.99 (cesarean delivery)		
Multiple Gestation	651.0, V27.2-V27.4, and V91.0 (twin)		
	651.1 and V91.1 (triplets)		
	651.2, 651.9, V27.5-V27.7, V91.2 and V91.9 (higher order or other multiple gestations)		
ART Codes		58970 (oocyte retrieval)	
		58974, 58976 (embryo transfer)	
Tobacco use	305.1, 649.0, V15.82	99406, 99407	

Pregestational diabetes	250-250.93, 648.00-648.04		
Chronic hypertension	401.0, 401.1, 401.9, 402.00-405.99, 642.0, 642.1, 642.2		
Preexisting renal disease	250.4, 403, 404, 405.01, 405.11, 405.91, 585.1-585.6, 585.9		
Cardiovascular disease	412, 414.0, 414.8, 414.9, 429.2		
Obesity	649.1, 278.00, 278.01, 278.03		
Prior cesarean delivery	654.2		
Molar Pregnancy <sup>Error!</sup> Bookmark not defined.	630		
Spontaneous abortion or Termination <sup>Error!</sup> Bookmark not defined.	631, 632, 634-638, 69.01, 69.51, 74.91, 75.0	59840, 59841, 59850-59852, 59855-59857	Version 24 or earlier: 380, 381 Version 25 and later: 770, 779
Ectopic pregnancy <sup>Error!</sup> Bookmark not defined.	633		Version 24 or earlier: 378 Version 25 or later: 777
Complication following an abortion, ectopic, or molar pregnancy <sup>Error!</sup> Bookmark not defined.	639		

ICD-9, International Classification of Diseases, 9th Revision, Clinical Modification; CPT Current Procedural Terminology; DRG, Diagnosis Related Group; ART, assisted reproductive technology.

\* Inclusion criteria

**Error! Bookmark not defined.** Exclusion criteria