

Appendix 1. Obstetric Safety Outcomes, Exposure and Outcome Windows, and Exclusions

Safety Outcomes	ICD-9 Codes	Risk Window	Timing of Vaccination	Exclusions*
Hyperemesis	643.x	0-42 days	1 st trimester	
Chronic hypertension	642.0	0-42 days	1 st trimester	Prior hypertension diagnosis
Mild preeclampsia	642.4	Entire pregnancy	1 st trimester Entire Pregnancy	
Severe preeclampsia or eclampsia	642.5-.7	Entire pregnancy	1 st trimester Entire Pregnancy	
Gestational hypertension	642.3, 642.9	0-42 days Entire pregnancy	≥20 weeks	Prior hypertension diagnosis
Gestational diabetes	648.8	0-42 days Entire pregnancy	≥20 weeks	Prior diagnosis of type 1 or type 2 diabetes
Proteinuria	646.2	0-42 days Entire pregnancy	Entire pregnancy	Prior diagnosis of renal disease
Urinary tract infection	599.0	0-42 days Entire pregnancy	Entire pregnancy	
Chorioamnionitis	658.4x	Entire pregnancy	≥20 weeks	
Puerperal infection	670.x	Entire pregnancy	≥20 weeks	
Venous complications of pregnancy	671.3-671.5	Entire pregnancy [†]	≥20 weeks	
Pulmonary embolus	673.2-.3	Entire pregnancy [†]	≥20 weeks	
Peripartum cardiomyopathy	674.5	Entire pregnancy [†]	≥20 weeks	

ICD-9, *International Classifications of Diseases, Ninth Revision*

*All outcomes except urinary tract infection excluded if the same diagnosis was coded at a medical encounter prior to the vaccination or index date; urinary tract infection excluded if same diagnosis within 7 days

[†]Includes up to 30 days postpartum

Kharbanda EO, Vazquez-Benitez G, Lipkind H, Naleway A, Lee G, Nordin JD, for the Vaccine Safety Datalink Team. Inactivated influenza vaccine during pregnancy and risks for adverse obstetric events. *Obstet Gynecol* 2013;122.

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