

**Appendix 1. International Statistical Classification of Diseases (ICD-10) and Canadian Classification of Health Interventions (CCI) coding used in the study**

<b>Diagnostic codes of cardiac arrest</b>	
Cardiac arrest with successful resuscitation	I46.0
Sudden cardiac death so described	I46.1
Cardiac arrest unspecified	I46.9
Ventricular fibrillation	I49.00
Ventricular flutter	I49.01
<b>Intervention codes of cardiac arrest</b>	
Cardiopulmonary resuscitation, Stimulation, Heart NEC	1.HZ.30.^
Using electrode converter/defibrillator (external approach)	1.HZ.09.JA-FS
Using electrode converter/defibrillator (open approach)	1.HZ.09.LA-FS
Using open manual massage	1.HZ.09.LA-CJ
<b>Pregnancy related associated conditions</b>	
Gestational [pregnancy-induced] hypertension without significant proteinuria Includes: Gestational hypertension NOS Mild pre-eclampsia Transient hypertension of pregnancy	O13
Gestational [pregnancy-induced] hypertension with significant proteinuria Includes: HELLP (syndrome) (hemolysis/elevated liver enzymes/low platelets) Excludes: superimposed pre-eclampsia	O14
Diabetes in pregnancy	O24
<b>Not pregnancy related medical conditions</b>	
Liver disorders in pregnancy, childbirth and the puerperium Disorders of gallbladder, biliary tract and pancreas	O26.6, K72.0, K72.1, K72.9 K80-K87
<b>Cardiac diseases</b> Cardiomyopathy complicating pregnancy and puerperium Congenital heart disease Valvular heart disease Chronic ischemic heart disease Pre-existing hypertension Pulmonary hypertension	I25.5, O90.3 Q24-Q26 I05-I08, I34-37 I25 O10, O11, O16 I27.0
<b>Diseases of respiratory system complicating pregnancy, childbirth and puerperium. Includes the following:</b> Influenza and pneumonia Chronic lower respiratory diseases Lung diseases due to external agents Other respiratory diseases principally affecting the interstitium Suppurative and necrotic conditions of lower respiratory tract Other diseases of pleura Other diseases of the respiratory system Asthma	O99.5 J09-J18 J40-J47 J60-J70 J80-J84 J85-J86 J90-J94 J95-J99 J45
Anemia complicating pregnancy, childbirth and the puerperium Sickle cell disease	O99.0 D57
<b>Diseases of the digestive system complicating pregnancy, childbirth and puerperium. Includes the following:</b> Diseases of oesophagus, stomach and duodenum	O99.6 K20-K31

Noninfective enteritis and colitis Other diseases of intestines Diseases of peritoneum	K50-K52 K55-K63 K65-K67
Maternal infectious and parasitic diseases, classifiable elsewhere but complicating pregnancy childbirth and puerperium Other puerperal infections	O98 O86
Malignancy	C00-C58, C64-97
Drug abuse and dependence	F10-19
Chronic renal disease Renal failure	N00-08, N10-16 N17-N19
Obesity	E66, O26.0
<b>Diseases of the nervous system. Includes the following:</b> Inflammatory diseases of the CNS Episodic and paroxysmal disorders Nerve, nerve root and plexus disorders Cerebral palsy and other paralytic syndromes Other disorders of the nervous system	G00-G09 G40-47 G50-59 G80-83 G90-99
Venous thromboembolism	O22.3, O22.9, O87.1, O87.9
<b>Potential causes of cardiac arrest</b>	
Complications of anesthesia	O29, O74, O89
Pulmonary complications of anesthesia during pregnancy	O29.0
Aspiration pneumonitis due to anesthesia during labor and delivery	O74.0
Pulmonary complications of anesthesia during the puerperium	O89.0
Failed or difficult intubation during pregnancy	O29.6
Failed or difficult intubation during labor and delivery	O74.7
Failed or difficult intubation during the puerperium	O89.6
Toxic reaction to local anaesthesia during labor and delivery	O74.4
Eclampsia	O15
Aortic aneurysm and dissection	I71
Acute myocardial infarction and complications	I21, I22, I23
Sepsis	O85, O75.3, A40-41
Pulmonary oedema	J81
Trauma	S00-S99, T00-14
Cerebrovascular disorders/Stroke Cerebral venous thrombosis in pregnancy and puerperium	I60-68 O22.5, O87.3
Heart failure	I50, O90.3, O99.4, I42-43
Obstetric embolism (including air embolism, blot-clot embolism and septic embolism)	O88.0, O88.2, O88.3
Amniotic fluid embolism	O88.1
Antepartum hemorrhage	O44.1, O45, O46
Intrapartum hemorrhage	O67
Postpartum hemorrhage	O72
Obstetric trauma	O71