

**Table S1.** Main maternal conditions in the ICD-PM and ICD-MM maternal condition groups

ICD-PM maternal condition group	Main maternal conditions included in group*	ICD-MM maternal condition group	Main maternal conditions included in group**
M1: Complications of placenta, cord and membranes	Placenta praevia	Group 1: Pregnancy with abortive outcome	Ectopic pregnancy
	Other forms of placental separation and haemorrhage		Hydatidiform mole
	Placental dysfunction, infarction, insufficiency		Medical abortion
	Fetal-placental transfusion syndromes		Unspecified abortion
	Prolapsed cord / other compression of umbilical cord		Failed attempted abortion
	Chorioamnionitis		
	Other complications of membranes		
	Incompetent cervix		
	Preterm rupture of membranes		Pre-existing hypertensive disorder with superimposed proteinuria
	Oligo / poly hydramnios		Gestational oedema and proteinuria without hypertension
M2: Maternal complications of pregnancy	Ectopic pregnancy	Group 2: Hypertensive disorders in pregnancy, childbirth and the puerperium	Gestational hypertension without significant proteinuria
	Multiple pregnancy		Gestational hypertension with significant proteinuria
	Maternal death		Eclampsia
	Malpresentation before labour		Unspecified maternal hypertension
	Other complications of pregnancy		
M3: Other complications of labour and delivery	Breech delivery and extraction	Group 3: Obstetric Haemorrhage	Haemorrhage in early pregnancy
	Other malpresentation, malposition, and disproportion during		Placental disorders

M4: Maternal medical and surgical conditions

labour and delivery  
Forceps delivery /vacuum extraction  
Caesarean delivery  
Precipitate delivery  
Preterm labour and delivery  
Other complications of labour and delivery  
Pre-eclampsia / eclampsia  
Gestational hypertension  
Other hypertensive disorders  
Renal and urinary tract diseases  
Infectious and parasitic disease  
Circulatory and respiratory disease  
Nutritional disorders  
Injury  
Surgical procedure  
Other medical procedures  
Maternal diabetes including gestational diabetes  
Maternal anaesthesia and analgesia  
Maternal medication

Group 4: Pregnancy-related infection

Placenta praevia  
Premature separation of placenta  
Antepartum haemorrhage  
Intrapartum haemorrhage  
Other obstetric trauma  
Infections of genitourinary tract in pregnancy  
Puerperal sepsis and infections  
Infections of breast associated with childbirth

Tobacco / alcohol / drugs of addiction

Nutritional chemical substances

Environmental chemical substances

Unspecified maternal condition

M5: No maternal condition

No maternal condition identified (healthy mother)

Group 5: Other obstetric complications

Venous complications in pregnancy or puerperium

Obstetric embolism

Complications of the puerperium, not elsewhere classified

Group 6 : Unanticipated complications  
of management

Complications of anaesthesia during pregnancy, labour and  
delivery

Pre-existing hypertension

Group 7: Non-obstetric complications

Diabetes mellitus in pregnancy

Maternal infectious and parasitic diseases

Other maternal diseases

Group 8: Unknown/undetermined

Obstetric death of unspecified cause

Motor vehicle accident

External causes of accidental injury

Group 9: Coincidental causes

Assault

Rape

Herbal medication

Group 10: Maternal morbidity conditions

Group 10a: Complications following abortion and ectopic and molar pregnancy

Complications following abortion and ectopic and molar pregnancy

Malnutrition in pregnancy

Maternal care for other conditions predominantly related to pregnancy

Abnormal findings on antenatal screening of mother

Multiple gestation

Group 10b: Complications of the antenatal period

Maternal care for known or suspected malpresentation of fetus

Maternal care for known or suspected disproportion

Maternal care for known or suspected abnormality of pelvic organs

Maternal care for other known or suspected fetal problems

Prolonged pregnancy

Placental disorders

Polyhydramnios

Group 10c: Complications related to amniotic fluid

Other disorders of amniotic fluid and membranes

Premature rupture of membranes

Group 10d: Preterm labour and delivery

Preterm labour and delivery

False labour

Failed induction of labour

Abnormalities of forces of labour

Long labour

Obstructed labour due to malposition and malpresentation of fetus

Group 10e: Complications related to labour

Obstructed labour due to maternal pelvic abnormality

Other obstructed labour

Labour and delivery complicated by fetal stress

Labour and delivery complicated by umbilical cord complications

Perineal laceration during delivery

Other complications of labour and delivery

Mode of delivery

Group 11: No maternal condition identified

No maternal condition identified

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\* For a full list, definitions, and the other and unspecified conditions that are listed in each group see ICD-10 current version

(<http://apps.who.int/classifications/icd10/browse/2015/en>) and ICD-10 volume 2

([http://www.who.int/classifications/icd/ICD10Volume2\\_en\\_2010.pdf?ua=1](http://www.who.int/classifications/icd/ICD10Volume2_en_2010.pdf?ua=1))

\*\* The full list of the conditions and the ICD codes within each group can be accessed at [http://apps.who.int/iris/bitstream/10665/70929/1/9789241548458\\_eng.pdf](http://apps.who.int/iris/bitstream/10665/70929/1/9789241548458_eng.pdf)