	PSANZ-PDC	3.2 3.3	Chronic hypertension: secondary, e.g. renal disease Chronic hypertension: unspecified
		3.3	Gestational hypertension
		3.5	Pre-eclampsia
1	Congenital Anomaly	3.6	Pre-eclampsia superimposed on chronic hypertension
1.1	Structural anomaly	3.0	Unspecified hypertension
	1.11 Nervous system	3.9	Unspecified hypertension
	1.12 Cardiovascular system		Antonio di successi a successi a da DUN
	1.13 Genitourinary system	4	Antepartum Haemorrhage (APH)
	1.14 Gastrointestinal system	4.1	Placental abruption
	1.15 Musculoskeletal	4.2	Placenta praevia
	1.151 Congenital diaphragmatic hernia	4.3	Vasa praevia
	1.152 Gastroschisis/omphalocele	4.9	APH of undetermined origin
	1.16 Respiratory system (include congenital pulmonary		
	airway malformation (CPAM))	5	Maternal Conditions
	1.17 Haematological	5.1	Termination of pregnancy for maternal psychosocial indications
	1.18 Multiple Congenital anomaly (no chromosomal/genetic cause or not	5.2	Diabetes
	tested)		5.21 Gestational diabetes
	1.19 Other congenital abnormality		5.22 Pre-existing diabetes
	1.192 Idiopathic hydrops fetalis	5.3	Maternal injury
	1.193 Fetal tumour (include sacro-coccygeal teratoma)		5.31 Accidental
	1.198 Other specified		5.32 Non-accidental
	1.199 Congenital anomaly, unspecified	5.4	Maternal sepsis
10	Chromosomal anomaly	5.5	Antiphospholipid syndrome
1.2		5.6	Obstetric cholestasis
	1.21 Down syndrome (trisomy 21)	5.8	Other specified maternal conditions
	1.22 Edward syndrome and Patau syndrome (trisomy 18, trisomy 13)		5.31 Maternal suicide
	1.23 Other trisomies and partial trisomies of the autosomes, not elsewhere classified (includes pathogenic duplications, unbalanced translocations and insertions)		5.32 Other specified maternal medical or surgical conditions
	1.24 Monosomies and deletions from the autosomes, not elsewhere	6	Specific Perinatal Conditions
	classified (includes pathogenic deletions e.g. 22g11.2 deletion	6.1	Monochorionic twins
	syndrome (diGeorge syndrome), Wolff-Hirschorn syndrome, Cri-du-		6.11 Twin to twin transfusion syndrome (TTTS)
			6.12 Selective fetal growth restriction (FGR) (i.e. affecting only one tw
	chat syndrome		6.13 Monoamniotic twins (including cord entanglement)
	1.25 Turner syndrome (monosomy X)		6.18 Other
	1.26 Other sex chromosome abnormalities (e.g. Klinefelter syndrome)1.28 Other chromosomal abnormalities, not elsewhere specified (includes)		6.19 Unknown or unspecified
		6.2	Dichorionic twins
	Fragile X syndrome, imprinting syndromes, triploidy)		6.21 Early fetal death in a multiple pregnancy
	1.29 Unspecified		(<20 weeks gestation)
1.3	Genetic anomaly		6.22 Selective fetal growth restriction (FGR)
	1.31 Genetic condition, specified (e.g. Tay-Sachs disease; includes inborn		6.28 Other
	errors of metabolism)		6.29 Unknown or unspecified
	1.32 Syndrome/association with demonstrated chromosomal/gene	6.3	
	anomaly.		6.31 Twin to twin transfusion syndrome (TTTS)
	1.39 Genetic condition, unspecified		6.32 Selective fetal growth restriction (FGR)
			6.33 Monoamniotic multiples (including cord entanglement)
2	Perinatal Infection		6.34 Early fetal death in a multiple pregnancy (<20 weeks gestation)
2.1	Bacterial		6.38 Other
	2.11 Group B Streptococcus		6.39 Unknown or unspecified
	2.12 E coli	6.4	Complications where chorionicity is unknown
	2.13 Listeria monocytogenes	6.8	Other
	2.14 Spirochaetal e.g. Syphilis		
	2.18 Other bacterial	6.9	Unspecified
	2.19 Unspecified bacterial		One office we describe the second office of
2.2	Viral	7	Specific perinatal conditions
	2.21 Cytomegalovirus	7.1	Fetomaternal haemorrhage
	2.22 Parvovirus	7.2	Antepartum cord or fetal vessel complications (excludes monochor
	2.22 Herpes simplex virus	1	twins or higher order multiples)
	2.24 Rubella virus	1	7.21 Cord vessel haemorrhage
	2.25 Zika virus	1	7.22 Cord occlusion (True knot with evidence of occlusion or other)
	2.28 Other viral	1	7.28 Other cord complications
	2.29 Unspecified viral	1	7.29 Unspecified cord complications
2.3	Protozoal e.g. Toxoplasma	7.3	Uterine abnormalities
2.3 2.5		1	7.31 Developmental anatomical abnormalities (e.g. bicornuate uterus)
∠.0	Fungal		7.29 Other

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2.5 Fungal

1

- Other specified organism 28 2.9 Other unspecified organism

3 Hypertension

Chronic hypertension: essential 3.1

- orionic
 - s) 7.38 Other
 - 7.39 Unspecified
- 7.4 Alloimmune disease
 - 7.41 Rhesus isoimmunisation
 - 7.42 Other red cell antibody

7.43 Alloimmune thrombocytopenia

- 7.48 Other
- 7.49 Unspecified
- 7.5 Fetal antenatal intracranial injury
 - 7.51 Subdural haematoma
 - 7.52 Fetal antenatal ischaemic brain injury
 - 7.53 Fetal antenatal haemorrhagic brain injury
- 7.6 Other specific perinatal conditions
 - 7.61 Complications of antenatal, diagnostic or therapeutic procedures: 7.611 Complications of prenatal diagnostic procedures (e.g. amniocentesis, chorionic villus sampling,) (e.g. rupture of membranes after amniocentesis)
 - 7.612 Complications of fetal ultrasound guided needle interventions (e.g. FBS/fetal transfusion, thoracocentesis, vesicocentesis, fetal cardiac valvoplasty, division of amniotic bands, fetal skin biopsy, unipolar/bipolar diathermy, RFA procedures)
 - 7.613 Complications of fetal shunt interventions (e.g. pleuroamniotic shunt, vesicoamniotic shunt)
 - 7.614 Complications of minimally invasive fetoscopic interventions (e.g. fetoscopic laser surgery for TTTS, FETO for CDH, laser ablation of posterior urethral valves)
 - 7.615 Complications of open maternal fetal surgery (e.g. open maternal fetal surgery for spina bifida) 7.618 Other
 - 7.62 Termination of pregnancy for suspected but unconfirmed congenital anomaly.
 - 7.63 Amniotic band
- 7.68 Other
- 7.9 Unspecified

Hypoxic peripartum death 8

- With intrapartum complications (sentinel events) 8.1
 - 8.11 Uterine rupture 8.12 Cord prolapse
 - 8.13 Shoulder dystocia
 - 8.14 Complications of breech presentation
 - 8.15 Birth trauma
 - 8.16 Intrapartum haemorrhage
 - 8.18 Other
- 8.2 Evidence of significant fetal compromise (excluding other complications)
- 8.3 No intrapartum complications recognised and no evidence of significant fetal compromise identified

9.7 No causal placental pathology demonstrated, with antenatal evidence of poor placental function identified (such as abnormal fetal

Placental pathological examination was not performed, with antenatal evidence of poor placental function identified (such as abnormal fetal

Other placental pathology (e.g. multiple pathologies with evidence of loss of

10.13 With clinical evidence of chorioamnionitis, no examination of placenta

Stillbirth

10.17 No clinical signs of chorioamnionitis, no examination of placenta

10.19 Unspecified or not known whether placenta examined

10 Spontaneous preterm labour or rupture of membranes (<37 weeks

8.9 Unspecified hypoxic peripartum death

Placental dysfunction or causative placental pathology

Maternal vascular malperfusion 91

umbilical artery Doppler)

umbilical artery Doppler)

10.1 Spontaneous preterm

placental function leading to death)

10.11 With histological chorioamnionitis

10.12 Without histological chorioamnionitis

9.2 Fetal vascular malperfusion

9

9.8

9.9

gestation)

- 9.3 High grade villitis of unknown etiology (VUE)
- 9.4 Massive perivillous fibrin deposition/maternal floor infarction
- 9.5 Severe chronic intervillositis (Histiocytic intervillositis) 9.6 Placental hypoplasia

APPENDIX J - PERINATAL MORTALITY CLASSIFICATIONS – QUICK REFERENCE SHEET

15.2 Hypercoiled cord

15.4 Velamentous insertion

16 Fetal Growth Restriction

15.8 Other cord associated cord pathology

16.2 Antenatal ultrasound evidence of FGR

Maternal risk factors (optional category)

16.41 Customised centiles

16.42 Population centiles

17.4 Maternal mental health disorder

17.5 Socioeconomic deprivation

17.6 Refugee or asylum seeker

16.1 Autopsy evidence (brain:liver ratio equal to or greater than 4:1)

16.3 Clinical examination of the baby (by paediatrician, pathologist) 16.4 Birthweight (less than 10th centile for gestational age)

Associated conditions for neonatal deaths only

Stillbirth

In addition to the above for associated maternal/fetal conditions the NDC

Categories 1-6 can be used to assign associated neonatal conditions

15.3 Tethered cord

17

17.1 Smokina

17.3 High BMI

17.2 Substance use

NDC Categories 1-6

10.2 Spontaneous preterm preceded by premature cervical shortening

11 Unexplained antepartum fetal death

- 11.1 Unexplained antepartum fetal death despite full investigation
- 11.2 Unclassifiable antepartum fetal death with incomplete investigation
- 11.3 Unclassifiable antepartum fetal death due to unknown level of investigation

12 Neonatal death without obstetric antecedent

- 12.1 Neonatal death with no obstetric antecedent factors despite full investigation
- 12.2 Neonatal death unclassifiable as to obstetric antecedent with incomplete investigation
- 12.3 Neonatal death unclassifiable as to obstetric antecedent due to unknown level of investigation

PSANZ-NDC

1 Congenital Anomaly (Please refer to PSANZ PDC)

2 Periviable infants (typically <24 weeks)

- Not resuscitated (including infants where there is an antenatal plan for no 2.1 resuscitation at birth or in the circumstance of re-directed care) 2.2 Unsuccessful resuscitation
- 2.9 Unspecified or not known whether resuscitation attempted
- 3 Cardio-respiratory disorders
- Hyaline membrane disease / Respiratory distress syndrome (RDS) 31
- 32 Meconium aspiration syndrome
- 3.3 Primary persistent pulmonary hypertension
- 3.4 Pulmonary hypoplasia
- 3.5 Pulmonary haemorrhage
- 3.6 Air leak syndromes 3.61 Pneumothorax
 - 3.62 Pulmonary interstitial emphysema
 - 3 68 Other
- 3.7 Patent ductus arteriosus
- Chronic neonatal lung disease (typically, bronchopulmonary dysplasia) 38
- Other 39
 - 3.91 Neonatal anaemia/hypovolaemia

4 Neonatal infection

- Congenital/Perinatal bacterial infection (early onset<48 hrs) 41
 - 4.11 Blood stream infection/septicaemia
 - 4.111 Positive culture of a pathogen 4.112 Clinical signs of sepsis + ancillary evidence but culture
 - negative
 - 4.12 Bacterial meningitis
 - 4.13 Bacterial pneumonia
 - 4.15 Multiple site bacterial infection
 - 4.18 Other congenital bacterial infection e.g. gastroenteritis, osteomyelitis, cerebral abscess 4.19 Unspecified congenital infection
- 4.2 Congenital/Perinatal viral infection
- Congenital fungal, protozoan, parasitic infection 4.3 Acquired bacterial infection (late onset>48hrs). 4.4
- 4.41 Blood stream infection/septicaemia
 - 4.411 Positive culture of a pathogen
 - 4.412 Clinical signs of sepsis + ancillary evidence but culture negative
 - 4.42 Bacterial meningitis
 - 4.43 Bacterial pneumonia
 - 4.48 Other acquired bacterial infection e.g. gastroenteritis, osteomvelitis
 - 4.49 Unspecified acquired infection
- 45 Acquired viral infection

2

46 Acquired fungal, protozoan, parasitic infection

5 Neurological

- 5.1 Hypoxic ischaemic encephalopathy/Perinatal asphyxia
- 5.2 Cranial haemorrhage
 - 5.21 Intraventricular Haemorrhage
 - 5.22 Subgaleal Haemorrhage
 - 5.23 Subarachnoid Haemorrhage 5.24 Subdural Haemorrhage
- 5.28 Other intracranial haemorrhage
- 5.3 Post haemorrhagic hydrocephalus
- Periventricular leukomalacia 54
- 5.8 Other
- 6

Gastrointestinal Necrotising enterocolitis (NEC) 6.1

- Short gut syndrome 62
- Gastric or intestinal perforation (excluding NEC) 6.3
- 64 Gastrointestinal haemorrhage
- 6.8 Other

7 Other

- Sudden unexpected death in infancy (SUDI) 7.1
 - 7.11 Sudden Infant Death Syndrome (SIDS)
 - 7.112 SIDS Category IA: Classic features of SIDS present and completely documented.
 - 7.113 SIDS Category IB: Classic features of SIDS present but incompletely documented.
 - 7.114 SIDS Category II: Infant deaths that meet category I except for one or more features.
 - 7.12 Unclassified Sudden Infant Death in the neonatal period
 - 7.121 Bed sharing
 - 7.122 Not bed sharing
 - 7.19 Unknown/Undetermined
- Multisystem failure 7.2
 - 7.21 Secondary to intrauterine growth restriction
 - 7.28 Other specified
 - 7.29 Unspecified/undetermined primary cause or trigger event
- 7.3 Trauma
 - 7.31 Accidental
 - 7.32 Non accidental
 - 7.39 Unspecified
- 7.4 Treatment complications
 - 7.41 Surgical
 - 7 42 Medical
- 7.5 Unsuccessful resuscitation in infants of 28 weeks gestation or more without an obvious sentinel event
- 7.8 Other specified

PSANZ ASSOCIATED CONDITIONS

Associated conditions for both stillbirths and neonatal deaths

Categories 1 -11 PSANZ PDC

Genetic testing results not diagnostic 13

- Copy number variant of unknown or uncertain significance 13.1
- 13.2 No mutation identified matching phenotype
- 13.3 Tested for genetic mutations but failed
- 13.4 Not tested or not known if tested for genetic mutations
- Associated placental pathology 14

14.8 Other associated placental pathology

Associated cord pathology

- 14.1 Delayed villous maturation
- 14.2 Large chorioangioma

15

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14.3 Early bleeding often leading to preterm prelabour ROM

15.1 True knot (excluding histological evidence of causation)