



National Perinatal Information Center

ADVERSE OUTCOME INDEX (AOI) 4.0

Definitions & ICD-10 Code Tables

EMPOWERED
by Data. **CONNECTED**
by Purpose.

NPIC.ORG

Adverse Outcome Index (AOI) Algorithm V4.0

Definitions & ICD-10 Code Tables

Event Populations

Deliveries: Cases assigned to any of the following MS DRGs: 765-768, 774-775, or ≥ 981 with an ICD-10-PCS delivery code, and also assigned to any of the following APR-DRGs: 540-542, 560 (*Appendix M.1.1*)

Inborns: All neonates born in your hospital (*Appendix B.1.1*)

Event Definitions

In-hospital Maternal Death {Case Weight: 750}

Deliveries and discharge disposition = died

Exclusions: None

In-hospital Neonatal Death ≥ 2500 grams and ≥ 37 weeks Gestation {Case Weight: 400}

Inclusions: Inborns with birthweightⁱ ≥ 2500 grams and ≥ 37 weeks gestationⁱⁱ with discharge disposition of died **within 28 days of birth**

Exclusions: Cases with congenital anomalies and other disorders (*Appendix B.2.1*)

Uterine Rupture During Labor {Case Weight: 100}

Inclusions: Deliveries with diagnosis code O71.1 (rupture of uterus during labor) in the **primary, first** or **second diagnosis** code position only

Exclusions: None

Maternal Intensive Care {Case Weight: 65}

Inclusions: Deliveries with [AIMⁱⁱⁱ Severe Maternal Morbidity \(SMM\) diagnosis and/or procedure codes](#) (*Appendix M.3.1*); **AND**

- with an ICU day or charge **OR**
- discharged to another hospital (UB04 disp=02)

Exclusions: Cases with placental disorders (*Appendix M.3.1*) or any AIM SMM diagnosis code(s) with Present on Admission^{iv} (POA) indicator = Y

Birth Trauma {Case Weight: 60}

Inclusions: Inborns with birthweight \geq 2500 grams and \geq 37 weeks gestation with UNC^v severe birth trauma diagnosis codes (*Appendix B.3.1*)

Exclusions: Cases with osteogenesis imperfecta (*Appendix B.3.1*)

Unanticipated Operative Procedure {Case Weight: 40}

Inclusions: Deliveries with unanticipated operative procedure codes (*Appendix M.4.1*) in the **first** or **second procedure** field

Exclusions: Cases with placental disorders or cervical cancers; Also excludes hysterectomy cases with an ICU day or charge or discharged to another hospital (UB04 disp=02) (*Appendix M.4.1*)

Admission to NICU of Neonate Birthweight* \geq 2500 grams and \geq 37 weeks Gestational Age (GA)** for > 1 day {Case Weight: 35}

Inclusions: Inborns with birthweight \geq 2500 grams and \geq 37 weeks gestation; **AND**

- NICU admission within one day of birth for greater than one day; **OR**
- transferred to another hospital (UB04 disp=02 or =05) within one day of birth

Exclusions: Cases with congenital anomalies and other disorders (*Appendix B.2.1*) or neonatal drug/alcohol exposure (*Appendix B.5.1*)

APGAR 5 < 7 {Case Weight: 25}

Inclusions: Inborns with birthweight \geq 2500 grams and \geq 37 weeks completed gestation; APGAR 5 < 7

Exclusions: Cases with congenital anomalies and other disorders (*Appendix B.2.1*) or neonatal drug/alcohol exposure (*Appendix B.5.1*)

Maternal Blood Transfusion {Case Weight: 20}

Inclusions: Deliveries with [AIM Severe Maternal Morbidity \(SMM\) blood transfusion procedure codes](#) (*Appendix M.5.1*) only; **OR** NPIC Blood Transfusion Indicator = 1 on submitted file

Exclusions: Cases with an ICU day or charge or discharged to another hospital (UB04 disp=02)

4th Degree Perineal Laceration {Case Weight: 5}

Inclusions: Deliveries with fourth degree perineal laceration diagnosis code (*Appendix M.6.1*)

Exclusions: Cases with shoulder dystocia (*Appendix M.6.1*)

ⁱ Birthweight is determined by numeric value or ICD-10-CM coding

ⁱⁱ Gestational Age is determined by numeric value or ICD-10-CM coding. Cases missing gestational age information default to \geq 37 weeks if birthweight is \geq 2000 grams.

ⁱⁱⁱ Alliance for Innovation on Maternal Health (AIM)

^{iv} Present on Admission (POA) indicator Y = diagnosis was present at time of inpatient admission

^v [Unexpected Complications in Term Newborns](#) (UNC) NQF Measure #0716

AOI CODE TABLES

B.1.1 INBORNS

Z38 Liveborn infants according to place of birth and type of delivery

Z38.00	Single liveborn infant, delivered vaginally	I	DX
Z38.01	Single liveborn infant, delivered by cesarean	I	DX
Z38.30	Twin liveborn infant, delivered vaginally	I	DX
Z38.31	Twin liveborn infant, delivered by cesarean	I	DX
Z38.61	Triplet liveborn infant, delivered vaginally	I	DX
Z38.62	Triplet liveborn infant, delivered by cesarean	I	DX
Z38.63	Quadruplet liveborn infant, delivered vaginally	I	DX
Z38.64	Quadruplet liveborn infant, delivered by cesarean	I	DX
Z38.65	Quintuplet liveborn infant, delivered vaginally	I	DX
Z38.66	Quintuplet liveborn infant, delivered by cesarean	I	DX
Z38.68	Other multiple liveborn infant, delivered vaginally	I	DX
Z38.69	Other multiple liveborn infant, delivered by cesarean	I	DX

AOI CODE TABLES

B.2.1 CONGENITAL ANOMALIES AND OTHER DISORDERS

Codes in B.2.1 align with recommended exclusions for Unexpected Complications in Term Newborns (UNC) NQF Measure #0716 (Appendix 2, Group 2A).

E25 Adrenogenital disorders

E25.0	Congenital adrenogenital disorders associated with enzyme deficiency	E	DX
E25.8	Other adrenogenital disorders	E	DX
E25.9	Adrenogenital disorder, unspecified	E	DX

E34 Other endocrine disorders

E34.3	Short stature due to endocrine disorder	E	DX
E34.50	Androgen insensitivity syndrome, unspecified	E	DX
E34.51	Complete androgen insensitivity syndrome	E	DX
E34.52	Partial androgen insensitivity syndrome	E	DX

E70 Disorders of aromatic amino-acid metabolism

E70.0	Classical phenylketonuria	E	DX
E70.1	Other hyperphenylalaninemias	E	DX
E70.20	Disorder of tyrosine metabolism, unspecified	E	DX
E70.21	Tyrosinemia	E	DX
E70.29	Other disorders of tyrosine metabolism	E	DX
E70.30	Albinism, unspecified	E	DX
E70.310	X-linked ocular albinism	E	DX
E70.311	Autosomal recessive ocular albinism	E	DX
E70.318	Other ocular albinism	E	DX
E70.319	Ocular albinism, unspecified	E	DX
E70.320	Tyrosinase negative oculocutaneous albinism	E	DX
E70.321	Tyrosinase positive oculocutaneous albinism	E	DX
E70.328	Other oculocutaneous albinism	E	DX
E70.329	Oculocutaneous albinism, unspecified	E	DX
E70.330	Chediak-Higashi syndrome	E	DX
E70.331	Hermansky-Pudlak syndrome	E	DX
E70.338	Other albinism with hematologic abnormality	E	DX
E70.339	Albinism with hematologic abnormality, unspecified	E	DX
E70.39	Other specified albinism	E	DX
E70.40	Disorders of histidine metabolism, unspecified	E	DX
E70.41	Histidinemia	E	DX
E70.49	Other disorders of histidine metabolism	E	DX
E70.5	Disorders of tryptophan metabolism	E	DX
E70.8	Other disorders of aromatic amino-acid metabolism	E	DX
E70.9	Disorder of aromatic amino-acid metabolism, unspecified	E	DX

E71 Disorders of branched-chain amino-acid metabolism and fatty-acid metabolism

E71.0	Maple-syrup-urine disease	E	DX
E71.110	Isovaleric acidemia	E	DX
E71.111	3-methylglutaconic aciduria	E	DX
E71.118	Other branched-chain organic acidurias	E	DX
E71.120	Methylmalonic acidemia	E	DX
E71.121	Propionic acidemia	E	DX
E71.128	Other disorders of propionate metabolism	E	DX
E71.19	Other disorders of branched-chain amino-acid metabolism	E	DX
E71.2	Disorder of branched-chain amino-acid metabolism, unspecified	E	DX
E71.30	Disorder of fatty-acid metabolism, unspecified	E	DX
E71.310	Long chain/very long chain acyl CoA dehydrogenase deficiency	E	DX
E71.311	Medium chain acyl CoA dehydrogenase deficiency	E	DX
E71.312	Short chain acyl CoA dehydrogenase deficiency	E	DX
E71.313	Glutaric aciduria type II	E	DX

I - Inclusion E - Exclusion DX - Diagnosis Code PCS - Procedure Code

AOI CODE TABLES

B.2.1 CONGENITAL ANOMALIES AND OTHER DISORDERS

Codes in B.2.1 align with recommended exclusions for Unexpected Complications in Term Newborns (UNC) NQF Measure #0716 (Appendix 2, Group 2A).

E71 Disorders of branched-chain amino-acid metabolism and fatty-acid metabolism

E71.314	Muscle carnitine palmitoyltransferase deficiency	E	DX
E71.318	Other disorders of fatty-acid oxidation	E	DX
E71.32	Disorders of ketone metabolism	E	DX
E71.39	Other disorders of fatty-acid metabolism	E	DX
E71.40	Disorder of carnitine metabolism, unspecified	E	DX
E71.41	Primary carnitine deficiency	E	DX
E71.42	Carnitine deficiency due to inborn errors of metabolism	E	DX
E71.43	Iatrogenic carnitine deficiency	E	DX
E71.440	Ruvalcaba-Myhre-Smith syndrome	E	DX
E71.448	Other secondary carnitine deficiency	E	DX
E71.50	Peroxisomal disorder, unspecified	E	DX
E71.510	Zellweger syndrome	E	DX
E71.511	Neonatal adrenoleukodystrophy	E	DX
E71.518	Other disorders of peroxisome biogenesis	E	DX
E71.520	Childhood cerebral X-linked adrenoleukodystrophy	E	DX
E71.521	Adolescent X-linked adrenoleukodystrophy	E	DX
E71.522	Adrenomyeloneuropathy	E	DX
E71.528	Other X-linked adrenoleukodystrophy	E	DX
E71.529	X-linked adrenoleukodystrophy, unspecified type	E	DX
E71.53	Other group 2 peroxisomal disorders	E	DX
E71.540	Rhizomelic chondrodysplasia punctata	E	DX
E71.541	Zellweger-like syndrome	E	DX
E71.542	Other group 3 peroxisomal disorders	E	DX
E71.548	Other peroxisomal disorders	E	DX

E72 Other disorders of amino-acid metabolism

E72.00	Disorders of amino-acid transport, unspecified	E	DX
E72.01	Cystinuria	E	DX
E72.02	Hartnup's disease	E	DX
E72.03	Lowe's syndrome	E	DX
E72.04	Cystinosis	E	DX
E72.09	Other disorders of amino-acid transport	E	DX
E72.10	Disorders of sulfur-bearing amino-acid metabolism, unspecified	E	DX
E72.11	Homocystinuria	E	DX
E72.12	Methylenetetrahydrofolate reductase deficiency	E	DX
E72.19	Other disorders of sulfur-bearing amino-acid metabolism	E	DX
E72.20	Disorder of urea cycle metabolism, unspecified	E	DX
E72.21	Argininemia	E	DX
E72.22	Arginosuccinic aciduria	E	DX
E72.23	Citrullinemia	E	DX
E72.29	Other disorders of urea cycle metabolism	E	DX
E72.3	Disorders of lysine and hydroxylysine metabolism	E	DX
E72.4	Disorders of ornithine metabolism	E	DX
E72.50	Disorder of glycine metabolism, unspecified	E	DX
E72.51	Non-ketotic hyperglycinemia	E	DX
E72.52	Trimethylaminuria	E	DX
E72.53	Hyperoxaluria	E	DX
E72.59	Other disorders of glycine metabolism	E	DX
E72.8	Other specified disorders of amino-acid metabolism	E	DX
E72.9	Disorder of amino-acid metabolism, unspecified	E	DX

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AOI CODE TABLES

B.2.1 CONGENITAL ANOMALIES AND OTHER DISORDERS

Codes in B.2.1 align with recommended exclusions for Unexpected Complications in Term Newborns (UNC) NQF Measure #0716 (Appendix 2, Group 2A).

E74 Other disorders of carbohydrate metabolism

E74.00	Glycogen storage disease, unspecified	E	DX
E74.01	von Gierke disease	E	DX
E74.02	Pompe disease	E	DX
E74.03	Cori disease	E	DX
E74.04	McArdle disease	E	DX
E74.09	Other glycogen storage disease	E	DX
E74.10	Disorder of fructose metabolism, unspecified	E	DX
E74.11	Essential fructosuria	E	DX
E74.12	Hereditary fructose intolerance	E	DX
E74.19	Other disorders of fructose metabolism	E	DX
E74.20	Disorders of galactose metabolism, unspecified	E	DX
E74.21	Galactosemia	E	DX
E74.29	Other disorders of galactose metabolism	E	DX
E74.31	Sucrase-isomaltase deficiency	E	DX
E74.39	Other disorders of intestinal carbohydrate absorption	E	DX
E74.4	Disorders of pyruvate metabolism and gluconeogenesis	E	DX
E74.8	Other specified disorders of carbohydrate metabolism	E	DX
E74.9	Disorder of carbohydrate metabolism, unspecified	E	DX

E75 Disorders of sphingolipid metabolism and other lipid storage disorders

E75.00	GM2 gangliosidosis, unspecified	E	DX
E75.01	Sandhoff disease	E	DX
E75.02	Tay-Sachs disease	E	DX
E75.09	Other GM2 gangliosidosis	E	DX
E75.10	Unspecified gangliosidosis	E	DX
E75.11	Mucopolipidosis IV	E	DX
E75.19	Other gangliosidosis	E	DX
E75.21	Fabry (-Anderson) disease	E	DX
E75.22	Gaucher disease	E	DX
E75.23	Krabbe disease	E	DX
E75.240	Niemann-Pick disease type A	E	DX
E75.241	Niemann-Pick disease type B	E	DX
E75.242	Niemann-Pick disease type C	E	DX
E75.243	Niemann-Pick disease type D	E	DX
E75.248	Other Niemann-Pick disease	E	DX
E75.249	Niemann-Pick disease, unspecified	E	DX
E75.25	Metachromatic leukodystrophy	E	DX
E75.29	Other sphingolipidosis	E	DX
E75.3	Sphingolipidosis, unspecified	E	DX
E75.4	Neuronal ceroid lipofuscinosis	E	DX
E75.5	Other lipid storage disorders	E	DX
E75.6	Lipid storage disorder, unspecified	E	DX

E76 Disorders of glycosaminoglycan metabolism

E76.01	Hurler's syndrome	E	DX
E76.02	Hurler-Scheie syndrome	E	DX
E76.03	Scheie's syndrome	E	DX
E76.1	Mucopolysaccharidosis, type II	E	DX
E76.210	Morquio A mucopolysaccharidoses	E	DX
E76.211	Morquio B mucopolysaccharidoses	E	DX
E76.219	Morquio mucopolysaccharidoses, unspecified	E	DX
E76.22	Sanfilippo mucopolysaccharidoses	E	DX

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B.2.1 CONGENITAL ANOMALIES AND OTHER DISORDERS

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E76 Disorders of glycosaminoglycan metabolism

E76.29	Other mucopolysaccharidoses	E	DX
E76.3	Mucopolysaccharidosis, unspecified	E	DX
E76.8	Other disorders of glycosaminoglycan metabolism	E	DX
E76.9	Glycosaminoglycan metabolism disorder, unspecified	E	DX

E77 Disorders of glycoprotein metabolism

E77.0	Defects in post-translational modification of lysosomal enzymes	E	DX
E77.1	Defects in glycoprotein degradation	E	DX
E77.8	Other disorders of glycoprotein metabolism	E	DX
E77.9	Disorder of glycoprotein metabolism, unspecified	E	DX

E78 Disorders of lipoprotein metabolism and other lipidemias

E78.0	Pure hypercholesterolemia	E	DX
E78.00	Pure hypercholesterolemia, unspecified	E	DX
E78.01	Familial hypercholesterolemia	E	DX
E78.1	Pure hyperglyceridemia	E	DX
E78.2	Mixed hyperlipidemia	E	DX
E78.3	Hyperchylomicronemia	E	DX
E78.4	Other hyperlipidemia	E	DX
E78.5	Hyperlipidemia, unspecified	E	DX
E78.6	Lipoprotein deficiency	E	DX
E78.70	Disorder of bile acid and cholesterol metabolism, unspecified	E	DX
E78.71	Barth syndrome	E	DX
E78.72	Smith-Lemli-Opitz syndrome	E	DX
E78.79	Other disorders of bile acid and cholesterol metabolism	E	DX
E78.81	Lipoid dermatoarthritis	E	DX
E78.89	Other lipoprotein metabolism disorders	E	DX
E78.9	Disorder of lipoprotein metabolism, unspecified	E	DX

E79 Disorders of purine and pyrimidine metabolism

E79.0	Hyperuricemia without signs of inflammatory arthritis and tophaceous disease	E	DX
E79.1	Lesch-Nyhan syndrome	E	DX
E79.2	Myoadenylate deaminase deficiency	E	DX
E79.8	Other disorders of purine and pyrimidine metabolism	E	DX
E79.9	Disorder of purine and pyrimidine metabolism, unspecified	E	DX

E80 Disorders of porphyrin and bilirubin metabolism

E80.0	Hereditary erythropoietic porphyria	E	DX
E80.1	Porphyria cutanea tarda	E	DX
E80.20	Unspecified porphyria	E	DX
E80.21	Acute intermittent (hepatic) porphyria	E	DX
E80.29	Other porphyria	E	DX
E80.3	Defects of catalase and peroxidase	E	DX
E80.4	Gilbert syndrome	E	DX
E80.5	Crigler-Najjar syndrome	E	DX
E80.7	Disorder of bilirubin metabolism, unspecified	E	DX

G12 Spinal muscular atrophy and related syndromes

G12.0	Infantile spinal muscular atrophy, type I (Werdnig-Hoffman)	E	DX
G12.1	Other inherited spinal muscular atrophy	E	DX
G12.8	Other spinal muscular atrophies and related syndromes	E	DX
G12.9	Spinal muscular atrophy, unspecified	E	DX

AOI CODE TABLES

B.2.1 CONGENITAL ANOMALIES AND OTHER DISORDERS

Codes in B.2.1 align with recommended exclusions for Unexpected Complications in Term Newborns (UNC) NQF Measure #0716 (Appendix 2, Group 2A).

G71 Primary disorders of muscles

G71.0	Muscular dystrophy	E	DX
G71.11	Myotonic muscular dystrophy	E	DX
G71.12	Myotonia congenita	E	DX
G71.13	Myotonic chondrodystrophy	E	DX
G71.2	Congenital myopathies	E	DX
G71.3	Mitochondrial myopathy, not elsewhere classified	E	DX
G71.8	Other primary disorders of muscles	E	DX
G71.9	Primary disorder of muscle, unspecified	E	DX

G90 Disorders of autonomic nervous system

G90.1	Familial dysautonomia (Riley-Day)	E	DX
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Q00 Anencephaly and similar malformations

Q00.0	Anencephaly	E	DX
Q00.1	Craniorachischisis	E	DX
Q00.2	Iniencephaly	E	DX

Q01 Encephalocele

Q01.0	Frontal encephalocele	E	DX
Q01.1	Nasofrontal encephalocele	E	DX
Q01.2	Occipital encephalocele	E	DX
Q01.8	Encephalocele of other sites	E	DX
Q01.9	Encephalocele, unspecified	E	DX

Q02 Microcephaly

Q02	Microcephaly	E	DX
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Q03 Congenital hydrocephalus

Q03.0	Malformations of aqueduct of Sylvius	E	DX
Q03.1	Atresia of foramina of Magendie and Luschka	E	DX
Q03.8	Other congenital hydrocephalus	E	DX
Q03.9	Congenital hydrocephalus, unspecified	E	DX

Q04 Other congenital malformations of brain

Q04.0	Congenital malformations of corpus callosum	E	DX
Q04.1	Arhinencephaly	E	DX
Q04.2	Holoprosencephaly	E	DX
Q04.3	Other reduction deformities of brain	E	DX
Q04.4	Septo-optic dysplasia of brain	E	DX
Q04.5	Megalencephaly	E	DX
Q04.6	Congenital cerebral cysts	E	DX
Q04.8	Other specified congenital malformations of brain	E	DX
Q04.9	Congenital malformation of brain, unspecified	E	DX

Q05 Spina bifida

Q05.0	Cervical spina bifida with hydrocephalus	E	DX
Q05.1	Thoracic spina bifida with hydrocephalus	E	DX
Q05.2	Lumbar spina bifida with hydrocephalus	E	DX
Q05.3	Sacral spina bifida with hydrocephalus	E	DX
Q05.4	Unspecified spina bifida with hydrocephalus	E	DX
Q05.5	Cervical spina bifida without hydrocephalus	E	DX
Q05.6	Thoracic spina bifida without hydrocephalus	E	DX
Q05.7	Lumbar spina bifida without hydrocephalus	E	DX
Q05.8	Sacral spina bifida without hydrocephalus	E	DX
Q05.9	Spina bifida, unspecified	E	DX

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B.2.1 CONGENITAL ANOMALIES AND OTHER DISORDERS

Codes in B.2.1 align with recommended exclusions for Unexpected Complications in Term Newborns (UNC) NQF Measure #0716 (Appendix 2, Group 2A).

Q06 Other congenital malformations of spinal cord

Q06.0	Amyelia	E	DX
Q06.1	Hypoplasia and dysplasia of spinal cord	E	DX
Q06.2	Diastematomyelia	E	DX
Q06.3	Other congenital cauda equina malformations	E	DX
Q06.4	Hydromyelia	E	DX
Q06.8	Other specified congenital malformations of spinal cord	E	DX
Q06.9	Congenital malformation of spinal cord, unspecified	E	DX

Q07 Other congenital malformations of nervous system

Q07.00	Arnold-Chiari syndrome without spina bifida or hydrocephalus	E	DX
Q07.01	Arnold-Chiari syndrome with spina bifida	E	DX
Q07.02	Arnold-Chiari syndrome with hydrocephalus	E	DX
Q07.03	Arnold-Chiari syndrome with spina bifida and hydrocephalus	E	DX
Q07.8	Other specified congenital malformations of nervous system	E	DX
Q07.9	Congenital malformation of nervous system, unspecified	E	DX

Q10 Congenital malformations of eyelid, lacrimal apparatus and orbit

Q10.0	Congenital ptosis	E	DX
Q10.1	Congenital ectropion	E	DX
Q10.2	Congenital entropion	E	DX
Q10.3	Other congenital malformations of eyelid	E	DX
Q10.4	Absence and agenesis of lacrimal apparatus	E	DX
Q10.6	Other congenital malformations of lacrimal apparatus	E	DX
Q10.7	Congenital malformation of orbit	E	DX

Q11 Anophthalmos, microphthalmos and macrophthalmos

Q11.0	Cystic eyeball	E	DX
Q11.1	Other anophthalmos	E	DX
Q11.2	Microphthalmos	E	DX
Q11.3	Macrophthalmos	E	DX

Q12 Congenital lens malformations

Q12.0	Congenital cataract	E	DX
Q12.1	Congenital displaced lens	E	DX
Q12.2	Coloboma of lens	E	DX
Q12.3	Congenital aphakia	E	DX
Q12.4	Spherophakia	E	DX
Q12.8	Other congenital lens malformations	E	DX
Q12.9	Congenital lens malformation, unspecified	E	DX

Q13 Congenital malformations of anterior segment of eye

Q13.0	Coloboma of iris	E	DX
Q13.1	Absence of iris	E	DX
Q13.2	Other congenital malformations of iris	E	DX
Q13.3	Congenital corneal opacity	E	DX
Q13.4	Other congenital corneal malformations	E	DX
Q13.5	Blue sclera	E	DX
Q13.81	Rieger's anomaly	E	DX
Q13.89	Other congenital malformations of anterior segment of eye	E	DX
Q13.9	Congenital malformation of anterior segment of eye, unspecified	E	DX

Q14 Congenital malformations of posterior segment of eye

Q14.0	Congenital malformation of vitreous humor	E	DX
Q14.1	Congenital malformation of retina	E	DX

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B.2.1 CONGENITAL ANOMALIES AND OTHER DISORDERS

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Q14 Congenital malformations of posterior segment of eye

Q14.2	Congenital malformation of optic disc	E	DX
Q14.3	Congenital malformation of choroid	E	DX
Q14.8	Other congenital malformations of posterior segment of eye	E	DX
Q14.9	Congenital malformation of posterior segment of eye, unspecified	E	DX

Q15 Other congenital malformations of eye

Q15.0	Congenital glaucoma	E	DX
Q15.8	Other specified congenital malformations of eye	E	DX
Q15.9	Congenital malformation of eye, unspecified	E	DX

Q17 Other congenital malformations of ear

Q17.2	Microtia	E	DX
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Q18 Other congenital malformations of face and neck

Q18.0	Sinus, fistula and cyst of branchial cleft	E	DX
Q18.1	Preauricular sinus and cyst	E	DX
Q18.2	Other branchial cleft malformations	E	DX
Q18.3	Webbing of neck	E	DX
Q18.4	Macrostomia	E	DX
Q18.5	Microstomia	E	DX
Q18.6	Macrocheilia	E	DX
Q18.7	Microcheilia	E	DX
Q18.8	Other specified congenital malformations of face and neck	E	DX
Q18.9	Congenital malformation of face and neck, unspecified	E	DX

Q20 Congenital malformations of cardiac chambers and connections

Q20.0	Common arterial trunk	E	DX
Q20.1	Double outlet right ventricle	E	DX
Q20.2	Double outlet left ventricle	E	DX
Q20.3	Discordant ventriculoarterial connection	E	DX
Q20.4	Double inlet ventricle	E	DX
Q20.5	Discordant atrioventricular connection	E	DX
Q20.6	Isomerism of atrial appendages	E	DX
Q20.8	Other congenital malformations of cardiac chambers and connections	E	DX
Q20.9	Congenital malformation of cardiac chambers and connections, unspecified	E	DX

Q21 Congenital malformations of cardiac septa

Q21.0	Ventricular septal defect	E	DX
Q21.1	Atrial septal defect	E	DX
Q21.2	Atrioventricular septal defect	E	DX
Q21.3	Tetralogy of Fallot	E	DX
Q21.4	Aortopulmonary septal defect	E	DX
Q21.8	Other congenital malformations of cardiac septa	E	DX
Q21.9	Congenital malformation of cardiac septum, unspecified	E	DX

Q22 Congenital malformations of pulmonary and tricuspid valves

Q22.0	Pulmonary valve atresia	E	DX
Q22.1	Congenital pulmonary valve stenosis	E	DX
Q22.2	Congenital pulmonary valve insufficiency	E	DX
Q22.3	Other congenital malformations of pulmonary valve	E	DX
Q22.4	Congenital tricuspid stenosis	E	DX
Q22.5	Ebstein's anomaly	E	DX
Q22.6	Hypoplastic right heart syndrome	E	DX
Q22.8	Other congenital malformations of tricuspid valve	E	DX

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AOI CODE TABLES

B.2.1 CONGENITAL ANOMALIES AND OTHER DISORDERS

Codes in B.2.1 align with recommended exclusions for Unexpected Complications in Term Newborns (UNC) NQF Measure #0716 (Appendix 2, Group 2A).

Q22 Congenital malformations of pulmonary and tricuspid valves

Q22.9	Congenital malformation of tricuspid valve, unspecified	E	DX
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Q23 Congenital malformations of aortic and mitral valves

Q23.0	Congenital stenosis of aortic valve	E	DX
Q23.1	Congenital insufficiency of aortic valve	E	DX
Q23.2	Congenital mitral stenosis	E	DX
Q23.3	Congenital mitral insufficiency	E	DX
Q23.4	Hypoplastic left heart syndrome	E	DX
Q23.8	Other congenital malformations of aortic and mitral valves	E	DX
Q23.9	Congenital malformation of aortic and mitral valves, unspecified	E	DX

Q24 Other congenital malformations of heart

Q24.0	Dextrocardia	E	DX
Q24.1	Levocardia	E	DX
Q24.2	Cor triatriatum	E	DX
Q24.3	Pulmonary infundibular stenosis	E	DX
Q24.4	Congenital subaortic stenosis	E	DX
Q24.5	Malformation of coronary vessels	E	DX
Q24.6	Congenital heart block	E	DX
Q24.8	Other specified congenital malformations of heart	E	DX
Q24.9	Congenital malformation of heart, unspecified	E	DX

Q25 Congenital malformations of great arteries

Q25.0	Patent ductus arteriosus	E	DX
Q25.1	Coarctation of aorta	E	DX
Q25.2	Atresia of aorta	E	DX
Q25.21	Interruption of aortic arch	E	DX
Q25.29	Other atresia of aorta	E	DX
Q25.3	Supravalvular aortic stenosis	E	DX
Q25.4	Other congenital malformations of aorta	E	DX
Q25.40	Congenital malformation of aorta unspecified	E	DX
Q25.41	Absence and aplasia of aorta	E	DX
Q25.42	Hypoplasia of aorta	E	DX
Q25.43	Congenital aneurysm of aorta	E	DX
Q25.44	Congenital dilation of aorta	E	DX
Q25.45	Double aortic arch	E	DX
Q25.46	Tortuous aortic arch	E	DX
Q25.47	Right aortic arch	E	DX
Q25.48	Anomalous origin of subclavian artery	E	DX
Q25.49	Other congenital malformations of aorta	E	DX
Q25.5	Atresia of pulmonary artery	E	DX
Q25.6	Stenosis of pulmonary artery	E	DX
Q25.71	Coarctation of pulmonary artery	E	DX
Q25.72	Congenital pulmonary arteriovenous malformation	E	DX
Q25.79	Other congenital malformations of pulmonary artery	E	DX
Q25.8	Other congenital malformations of other great arteries	E	DX
Q25.9	Congenital malformation of great arteries, unspecified	E	DX

Q26 Congenital malformations of great veins

Q26.0	Congenital stenosis of vena cava	E	DX
Q26.1	Persistent left superior vena cava	E	DX
Q26.2	Total anomalous pulmonary venous connection	E	DX

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AOI CODE TABLES

B.2.1 CONGENITAL ANOMALIES AND OTHER DISORDERS

Codes in B.2.1 align with recommended exclusions for Unexpected Complications in Term Newborns (UNC) NQF Measure #0716 (Appendix 2, Group 2A).

Q26 Congenital malformations of great veins

Q26.3	Partial anomalous pulmonary venous connection	E	DX
Q26.4	Anomalous pulmonary venous connection, unspecified	E	DX
Q26.5	Anomalous portal venous connection	E	DX
Q26.6	Portal vein-hepatic artery fistula	E	DX
Q26.8	Other congenital malformations of great veins	E	DX
Q26.9	Congenital malformation of great vein, unspecified	E	DX

Q27 Other congenital malformations of peripheral vascular system

Q27.1	Congenital renal artery stenosis	E	DX
Q27.2	Other congenital malformations of renal artery	E	DX
Q27.30	Arteriovenous malformation, site unspecified	E	DX
Q27.31	Arteriovenous malformation of vessel of upper limb	E	DX
Q27.32	Arteriovenous malformation of vessel of lower limb	E	DX
Q27.33	Arteriovenous malformation of digestive system vessel	E	DX
Q27.34	Arteriovenous malformation of renal vessel	E	DX
Q27.39	Arteriovenous malformation, other site	E	DX
Q27.4	Congenital phlebectasia	E	DX
Q27.8	Other specified congenital malformations of peripheral vascular system	E	DX
Q27.9	Congenital malformation of peripheral vascular system, unspecified	E	DX

Q28 Other congenital malformations of circulatory system

Q28.0	Arteriovenous malformation of precerebral vessels	E	DX
Q28.1	Other malformations of precerebral vessels	E	DX
Q28.2	Arteriovenous malformation of cerebral vessels	E	DX
Q28.3	Other malformations of cerebral vessels	E	DX
Q28.8	Other specified congenital malformations of circulatory system	E	DX
Q28.9	Congenital malformation of circulatory system, unspecified	E	DX

Q30 Congenital malformations of nose

Q30.0	Choanal atresia	E	DX
Q30.1	Agenesis and underdevelopment of nose	E	DX
Q30.2	Fissured, notched and cleft nose	E	DX
Q30.3	Congenital perforated nasal septum	E	DX
Q30.8	Other congenital malformations of nose	E	DX
Q30.9	Congenital malformation of nose, unspecified	E	DX

Q31 Congenital malformations of larynx

Q31.0	Web of larynx	E	DX
Q31.1	Congenital subglottic stenosis	E	DX
Q31.2	Laryngeal hypoplasia	E	DX
Q31.3	Laryngocele	E	DX
Q31.5	Congenital laryngomalacia	E	DX
Q31.8	Other congenital malformations of larynx	E	DX
Q31.9	Congenital malformation of larynx, unspecified	E	DX

Q32 Congenital malformations of trachea and bronchus

Q32.0	Congenital tracheomalacia	E	DX
Q32.1	Other congenital malformations of trachea	E	DX
Q32.2	Congenital bronchomalacia	E	DX
Q32.3	Congenital stenosis of bronchus	E	DX
Q32.4	Other congenital malformations of bronchus	E	DX

Q33 Congenital malformations of lung

Q33.0	Congenital cystic lung	E	DX
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AOI CODE TABLES

B.2.1 CONGENITAL ANOMALIES AND OTHER DISORDERS

Codes in B.2.1 align with recommended exclusions for Unexpected Complications in Term Newborns (UNC) NQF Measure #0716 (Appendix 2, Group 2A).

Q33 Congenital malformations of lung

Q33.1	Accessory lobe of lung	E	DX
Q33.2	Sequestration of lung	E	DX
Q33.3	Agenesis of lung	E	DX
Q33.4	Congenital bronchiectasis	E	DX
Q33.5	Ectopic tissue in lung	E	DX
Q33.6	Congenital hypoplasia and dysplasia of lung	E	DX
Q33.8	Other congenital malformations of lung	E	DX
Q33.9	Congenital malformation of lung, unspecified	E	DX

Q34 Other congenital malformations of respiratory system

Q34.0	Anomaly of pleura	E	DX
Q34.1	Congenital cyst of mediastinum	E	DX
Q34.8	Other specified congenital malformations of respiratory system	E	DX
Q34.9	Congenital malformation of respiratory system, unspecified	E	DX

Q35 Cleft palate

Q35.1	Cleft hard palate	E	DX
Q35.3	Cleft soft palate	E	DX
Q35.5	Cleft hard palate with cleft soft palate	E	DX
Q35.7	Cleft uvula	E	DX
Q35.9	Cleft palate, unspecified	E	DX

Q36 Cleft lip

Q36.0	Cleft lip, bilateral	E	DX
Q36.1	Cleft lip, median	E	DX
Q36.9	Cleft lip, unilateral	E	DX

Q37 Cleft palate with cleft lip

Q37.0	Cleft hard palate with bilateral cleft lip	E	DX
Q37.1	Cleft hard palate with unilateral cleft lip	E	DX
Q37.2	Cleft soft palate with bilateral cleft lip	E	DX
Q37.3	Cleft soft palate with unilateral cleft lip	E	DX
Q37.4	Cleft hard and soft palate with bilateral cleft lip	E	DX
Q37.5	Cleft hard and soft palate with unilateral cleft lip	E	DX
Q37.8	Unspecified cleft palate with bilateral cleft lip	E	DX
Q37.9	Unspecified cleft palate with unilateral cleft lip	E	DX

Q38 Other congenital malformations of tongue, mouth and pharynx

Q38.2	Macroglossia	E	DX
Q38.5	Congenital malformations of palate, not elsewhere classified	E	DX
Q38.6	Other congenital malformations of mouth	E	DX
Q38.7	Congenital pharyngeal pouch	E	DX
Q38.8	Other congenital malformations of pharynx	E	DX

Q39 Congenital malformations of esophagus

Q39.0	Atresia of esophagus without fistula	E	DX
Q39.1	Atresia of esophagus with tracheo-esophageal fistula	E	DX
Q39.2	Congenital tracheo-esophageal fistula without atresia	E	DX
Q39.3	Congenital stenosis and stricture of esophagus	E	DX
Q39.4	Esophageal web	E	DX
Q39.5	Congenital dilatation of esophagus	E	DX
Q39.6	Congenital diverticulum of esophagus	E	DX
Q39.8	Other congenital malformations of esophagus	E	DX
Q39.9	Congenital malformation of esophagus, unspecified	E	DX

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B.2.1 CONGENITAL ANOMALIES AND OTHER DISORDERS

Codes in B.2.1 align with recommended exclusions for Unexpected Complications in Term Newborns (UNC) NQF Measure #0716 (Appendix 2, Group 2A).

Q40 Other congenital malformations of upper alimentary tract

Q40.0	Congenital hypertrophic pyloric stenosis	E	DX
Q40.1	Congenital hiatus hernia	E	DX
Q40.2	Other specified congenital malformations of stomach	E	DX
Q43.2	Other congenital functional disorders of colon	E	DX
Q40.3	Congenital malformation of stomach, unspecified	E	DX
Q40.8	Other specified congenital malformations of upper alimentary tract	E	DX
Q40.9	Congenital malformation of upper alimentary tract, unspecified	E	DX

Q41 Congenital absence, atresia and stenosis of small intestine

Q41.0	Congenital absence, atresia and stenosis of duodenum	E	DX
Q41.1	Congenital absence, atresia and stenosis of jejunum	E	DX
Q41.2	Congenital absence, atresia and stenosis of ileum	E	DX
Q41.8	Congenital absence, atresia and stenosis of other specified parts of small intestine	E	DX
Q41.9	Congenital absence, atresia and stenosis of small intestine, part unspecified	E	DX

Q42 Congenital absence, atresia and stenosis of large intestine

Q42.0	Congenital absence, atresia and stenosis of rectum with fistula	E	DX
Q42.1	Congenital absence, atresia and stenosis of rectum without fistula	E	DX
Q42.2	Congenital absence, atresia and stenosis of anus with fistula	E	DX
Q42.3	Congenital absence, atresia and stenosis of anus without fistula	E	DX
Q42.8	Congenital absence, atresia and stenosis of other parts of large intestine	E	DX
Q42.9	Congenital absence, atresia and stenosis of large intestine, part unspecified	E	DX

Q43 Other congenital malformations of intestine

Q43.0	Meckel's diverticulum (displaced) (hypertrophic)	E	DX
Q43.1	Hirschsprung's disease	E	DX
Q43.2	Other congenital functional disorders of colon	E	DX
Q43.3	Congenital malformations of intestinal fixation	E	DX
Q43.4	Duplication of intestine	E	DX
Q43.5	Ectopic anus	E	DX
Q43.6	Congenital fistula of rectum and anus	E	DX
Q43.7	Persistent cloaca	E	DX
Q43.8	Other specified congenital malformations of intestine	E	DX
Q43.9	Congenital malformation of intestine, unspecified	E	DX

Q44 Congenital malformations of gallbladder, bile ducts and liver

Q44.0	Agenesis, aplasia and hypoplasia of gallbladder	E	DX
Q44.1	Other congenital malformations of gallbladder	E	DX
Q44.2	Atresia of bile ducts	E	DX
Q44.3	Congenital stenosis and stricture of bile ducts	E	DX
Q44.4	Choledochal cyst	E	DX
Q44.5	Other congenital malformations of bile ducts	E	DX
Q44.6	Cystic disease of liver	E	DX
Q44.7	Other congenital malformations of liver	E	DX

Q45 Other congenital malformations of digestive system

Q45.0	Agenesis, aplasia and hypoplasia of pancreas	E	DX
Q45.1	Annular pancreas	E	DX
Q45.2	Congenital pancreatic cyst	E	DX
Q45.3	Other congenital malformations of pancreas and pancreatic duct	E	DX
Q45.8	Other specified congenital malformations of digestive system	E	DX
Q45.9	Congenital malformation of digestive system, unspecified	E	DX

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B.2.1 CONGENITAL ANOMALIES AND OTHER DISORDERS

Codes in B.2.1 align with recommended exclusions for Unexpected Complications in Term Newborns (UNC) NQF Measure #0716 (Appendix 2, Group 2A).

Q50 Congenital malformations of ovaries, fallopian tubes and broad ligaments

Q50.01	Congenital absence of ovary, unilateral	E	DX
Q50.02	Congenital absence of ovary, bilateral	E	DX
Q50.1	Developmental ovarian cyst	E	DX
Q50.2	Congenital torsion of ovary	E	DX
Q50.31	Accessory ovary	E	DX
Q50.32	Ovarian streak	E	DX
Q50.39	Other congenital malformation of ovary	E	DX
Q50.4	Embryonic cyst of fallopian tube	E	DX
Q50.5	Embryonic cyst of broad ligament	E	DX
Q50.6	Other congenital malformations of fallopian tube and broad ligament	E	DX

Q51 Congenital malformations of uterus and cervix

Q51.0	Agenesis and aplasia of uterus	E	DX
Q51.10	Doubling of uterus with doubling of cervix and vagina without obstruction	E	DX
Q51.11	Doubling of uterus with doubling of cervix and vagina with obstruction	E	DX
Q51.2	Other doubling of uterus	E	DX
Q51.3	Bicornate uterus	E	DX
Q51.4	Unicornate uterus	E	DX
Q51.5	Agenesis and aplasia of cervix	E	DX
Q51.6	Embryonic cyst of cervix	E	DX
Q51.7	Congenital fistulae between uterus and digestive and urinary tracts	E	DX
Q51.810	Arcuate uterus	E	DX
Q51.811	Hypoplasia of uterus	E	DX
Q51.818	Other congenital malformations of uterus	E	DX
Q51.820	Cervical duplication	E	DX
Q51.821	Hypoplasia of cervix	E	DX
Q51.828	Other congenital malformations of cervix	E	DX
Q51.9	Congenital malformation of uterus and cervix, unspecified	E	DX

Q52 Other congenital malformations of female genitalia

Q52.0	Congenital absence of vagina	E	DX
Q52.2	Congenital rectovaginal fistula	E	DX
Q52.3	Imperforate hymen	E	DX
Q52.4	Other congenital malformations of vagina	E	DX
Q52.5	Fusion of labia	E	DX
Q52.6	Congenital malformation of clitoris	E	DX
Q52.70	Unspecified congenital malformations of vulva	E	DX
Q52.71	Congenital absence of vulva	E	DX
Q52.79	Other congenital malformations of vulva	E	DX
Q52.8	Other specified congenital malformations of female genitalia	E	DX
Q52.9	Congenital malformation of female genitalia, unspecified	E	DX

Q56 Indeterminate sex and pseudohermaphroditism

Q56.0	Hermaphroditism, not elsewhere classified	E	DX
Q56.1	Male pseudohermaphroditism, not elsewhere classified	E	DX
Q56.2	Female pseudohermaphroditism, not elsewhere classified	E	DX
Q56.3	Pseudohermaphroditism, unspecified	E	DX
Q56.4	Indeterminate sex, unspecified	E	DX

Q60 Renal agenesis and other reduction defects of kidney

Q60.0	Renal agenesis, unilateral	E	DX
Q60.1	Renal agenesis, bilateral	E	DX
Q60.2	Renal agenesis, unspecified	E	DX

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B.2.1 CONGENITAL ANOMALIES AND OTHER DISORDERS

Codes in B.2.1 align with recommended exclusions for Unexpected Complications in Term Newborns (UNC) NQF Measure #0716 (Appendix 2, Group 2A).

Q60 Renal agenesis and other reduction defects of kidney

Q60.3	Renal hypoplasia, unilateral	E	DX
Q60.4	Renal hypoplasia, bilateral	E	DX
Q60.5	Renal hypoplasia, unspecified	E	DX
Q60.6	Potter's syndrome	E	DX

Q61 Cystic kidney disease

Q61.00	Congenital renal cyst, unspecified	E	DX
Q61.01	Congenital single renal cyst	E	DX
Q61.02	Congenital multiple renal cysts	E	DX
Q61.11	Cystic dilatation of collecting ducts	E	DX
Q61.19	Other polycystic kidney, infantile type	E	DX
Q61.2	Polycystic kidney, adult type	E	DX
Q61.3	Polycystic kidney, unspecified	E	DX
Q61.4	Renal dysplasia	E	DX
Q61.5	Medullary cystic kidney	E	DX
Q61.8	Other cystic kidney diseases	E	DX
Q61.9	Cystic kidney disease, unspecified	E	DX

Q62 Congenital obstructive defects of renal pelvis and congenital malformations of ureter

Q62.0	Congenital hydronephrosis	E	DX
Q62.10	Congenital occlusion of ureter, unspecified	E	DX
Q62.11	Congenital occlusion of ureteropelvic junction	E	DX
Q62.12	Congenital occlusion of ureterovesical orifice	E	DX
Q62.2	Congenital megaureter	E	DX
Q62.31	Congenital ureterocele, orthotopic	E	DX
Q62.32	Cecoureterocele	E	DX
Q62.39	Other obstructive defects of renal pelvis and ureter	E	DX
Q62.4	Agenesis of ureter	E	DX
Q62.5	Duplication of ureter	E	DX
Q62.60	Malposition of ureter, unspecified	E	DX
Q62.61	Deviation of ureter	E	DX
Q62.62	Displacement of ureter	E	DX
Q62.63	Anomalous implantation of ureter	E	DX
Q62.69	Other malposition of ureter	E	DX
Q62.7	Congenital vesico-uretero-renal reflux	E	DX
Q62.8	Other congenital malformations of ureter	E	DX

Q63 Other congenital malformations of kidney

Q63.0	Accessory kidney	E	DX
Q63.1	Lobulated, fused and horseshoe kidney	E	DX
Q63.2	Ectopic kidney	E	DX
Q63.3	Hyperplastic and giant kidney	E	DX
Q63.8	Other specified congenital malformations of kidney	E	DX
Q63.9	Congenital malformation of kidney, unspecified	E	DX

Q64 Other congenital malformations of urinary system

Q64.0	Epispadias	E	DX
Q64.10	Exstrophy of urinary bladder, unspecified	E	DX
Q64.11	Supravescical fissure of urinary bladder	E	DX
Q64.12	Cloacal extrophy of urinary bladder	E	DX
Q64.19	Other extrophy of urinary bladder	E	DX
Q64.2	Congenital posterior urethral valves	E	DX
Q64.31	Congenital bladder neck obstruction	E	DX

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AOI CODE TABLES

B.2.1 CONGENITAL ANOMALIES AND OTHER DISORDERS

Codes in B.2.1 align with recommended exclusions for Unexpected Complications in Term Newborns (UNC) NQF Measure #0716 (Appendix 2, Group 2A).

Q64 Other congenital malformations of urinary system

Q64.32	Congenital stricture of urethra	E	DX
Q64.33	Congenital stricture of urinary meatus	E	DX
Q64.39	Other atresia and stenosis of urethra and bladder neck	E	DX
Q64.4	Malformation of urachus	E	DX
Q64.5	Congenital absence of bladder and urethra	E	DX
Q64.6	Congenital diverticulum of bladder	E	DX
Q64.70	Unspecified congenital malformation of bladder and urethra	E	DX
Q64.71	Congenital prolapse of urethra	E	DX
Q64.72	Congenital prolapse of urinary meatus	E	DX
Q64.73	Congenital urethrorectal fistula	E	DX
Q64.74	Double urethra	E	DX
Q64.75	Double urinary meatus	E	DX
Q64.79	Other congenital malformations of bladder and urethra	E	DX
Q64.8	Other specified congenital malformations of urinary system	E	DX
Q64.9	Congenital malformation of urinary system, unspecified	E	DX

Q65 Congenital deformities of hip

Q65.00	Congenital dislocation of unspecified hip, unilateral	E	DX
Q65.01	Congenital dislocation of right hip, unilateral	E	DX
Q65.02	Congenital dislocation of left hip, unilateral	E	DX
Q65.1	Congenital dislocation of hip, bilateral	E	DX
Q65.2	Congenital dislocation of hip, unspecified	E	DX
Q65.30	Congenital partial dislocation of unspecified hip, unilateral	E	DX
Q65.31	Congenital partial dislocation of right hip, unilateral	E	DX
Q65.32	Congenital partial dislocation of left hip, unilateral	E	DX
Q65.4	Congenital partial dislocation of hip, bilateral	E	DX
Q65.5	Congenital partial dislocation of hip, unspecified	E	DX
Q65.6	Congenital unstable hip	E	DX
Q65.81	Congenital coxa valga	E	DX
Q65.82	Congenital coxa vara	E	DX
Q65.89	Other specified congenital deformities of hip	E	DX
Q65.9	Congenital deformity of hip, unspecified	E	DX

Q66 Congenital deformities of feet

Q66.0	Congenital talipes equinovarus	E	DX
Q66.1	Congenital talipes calcaneovarus	E	DX
Q66.2	Congenital metatarsus (primus) varus	E	DX
Q66.21	Congenital metatarsus primus varus	E	DX
Q66.22	Congenital metatarsus adductus	E	DX
Q66.3	Other congenital varus deformities of feet	E	DX
Q66.4	Congenital talipes calcaneovalgus	E	DX
Q66.50	Congenital pes planus, unspecified foot	E	DX
Q66.51	Congenital pes planus, right foot	E	DX
Q66.52	Congenital pes planus, left foot	E	DX
Q66.6	Other congenital valgus deformities of feet	E	DX
Q66.7	Congenital pes cavus	E	DX
Q66.80	Congenital vertical talus deformity, unspecified foot	E	DX
Q66.81	Congenital vertical talus deformity, right foot	E	DX
Q66.82	Congenital vertical talus deformity, left foot	E	DX
Q66.89	Other specified congenital deformities of feet	E	DX
Q66.9	Congenital deformity of feet, unspecified	E	DX

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B.2.1 CONGENITAL ANOMALIES AND OTHER DISORDERS

Codes in B.2.1 align with recommended exclusions for Unexpected Complications in Term Newborns (UNC) NQF Measure #0716 (Appendix 2, Group 2A).

Q67 Congenital musculoskeletal deformities of head, face, spine and chest

Q67.0	Congenital facial asymmetry	E	DX
Q67.1	Congenital compression facies	E	DX
Q67.2	Dolichocephaly	E	DX
Q67.3	Plagiocephaly	E	DX
Q67.4	Other congenital deformities of skull, face and jaw	E	DX
Q67.5	Congenital deformity of spine	E	DX
Q67.6	Pectus excavatum	E	DX
Q67.7	Pectus carinatum	E	DX
Q67.8	Other congenital deformities of chest	E	DX

Q68 Other congenital musculoskeletal deformities

Q68.0	Congenital deformity of sternocleidomastoid muscle	E	DX
Q68.1	Congenital deformity of finger(s) and hand	E	DX
Q68.2	Congenital deformity of knee	E	DX
Q68.3	Congenital bowing of femur	E	DX
Q68.4	Congenital bowing of tibia and fibula	E	DX
Q68.5	Congenital bowing of long bones of leg, unspecified	E	DX
Q68.6	Discoid meniscus	E	DX
Q68.8	Other specified congenital musculoskeletal deformities	E	DX

Q71 Reduction defects of upper limb

Q71.00	Congenital complete absence of unspecified upper limb	E	DX
Q71.01	Congenital complete absence of right upper limb	E	DX
Q71.02	Congenital complete absence of left upper limb	E	DX
Q71.03	Congenital complete absence of upper limb, bilateral	E	DX
Q71.10	Congenital absence of unspecified upper arm and forearm with hand present	E	DX
Q71.11	Congenital absence of right upper arm and forearm with hand present	E	DX
Q71.12	Congenital absence of left upper arm and forearm with hand present	E	DX
Q71.13	Congenital absence of upper arm and forearm with hand present, bilateral	E	DX
Q71.20	Congenital absence of both forearm and hand, unspecified upper limb	E	DX
Q71.21	Congenital absence of both forearm and hand, right upper limb	E	DX
Q71.22	Congenital absence of both forearm and hand, left upper limb	E	DX
Q71.23	Congenital absence of both forearm and hand, bilateral	E	DX
Q71.30	Congenital absence of unspecified hand and finger	E	DX
Q71.31	Congenital absence of right hand and finger	E	DX
Q71.32	Congenital absence of left hand and finger	E	DX
Q71.33	Congenital absence of hand and finger, bilateral	E	DX
Q71.40	Longitudinal reduction defect of unspecified radius	E	DX
Q71.41	Longitudinal reduction defect of right radius	E	DX
Q71.42	Longitudinal reduction defect of left radius	E	DX
Q71.43	Longitudinal reduction defect of radius, bilateral	E	DX
Q71.50	Longitudinal reduction defect of unspecified ulna	E	DX
Q71.51	Longitudinal reduction defect of right ulna	E	DX
Q71.52	Longitudinal reduction defect of left ulna	E	DX
Q71.53	Longitudinal reduction defect of ulna, bilateral	E	DX
Q71.60	Lobster-claw hand, unspecified hand	E	DX
Q71.61	Lobster-claw right hand	E	DX
Q71.62	Lobster-claw left hand	E	DX
Q71.63	Lobster-claw hand, bilateral	E	DX
Q71.811	Congenital shortening of right upper limb	E	DX
Q71.812	Congenital shortening of left upper limb	E	DX
Q71.813	Congenital shortening of upper limb, bilateral	E	DX

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B.2.1 CONGENITAL ANOMALIES AND OTHER DISORDERS

Codes in B.2.1 align with recommended exclusions for Unexpected Complications in Term Newborns (UNC) NQF Measure #0716 (Appendix 2, Group 2A).

Q71 Reduction defects of upper limb

Q71.819	Congenital shortening of unspecified upper limb	E	DX
Q71.891	Other reduction defects of right upper limb	E	DX
Q71.892	Other reduction defects of left upper limb	E	DX
Q71.893	Other reduction defects of upper limb, bilateral	E	DX
Q71.899	Other reduction defects of unspecified upper limb	E	DX
Q71.90	Unspecified reduction defect of unspecified upper limb	E	DX
Q71.91	Unspecified reduction defect of right upper limb	E	DX
Q71.92	Unspecified reduction defect of left upper limb	E	DX
Q71.93	Unspecified reduction defect of upper limb, bilateral	E	DX

Q72 Reduction defects of lower limb

Q72.00	Congenital complete absence of unspecified lower limb	E	DX
Q72.01	Congenital complete absence of right lower limb	E	DX
Q72.02	Congenital complete absence of left lower limb	E	DX
Q72.03	Congenital complete absence of lower limb, bilateral	E	DX
Q72.10	Congenital absence of unspecified thigh and lower leg with foot present	E	DX
Q72.11	Congenital absence of right thigh and lower leg with foot present	E	DX
Q72.12	Congenital absence of left thigh and lower leg with foot present	E	DX
Q72.13	Congenital absence of thigh and lower leg with foot present, bilateral	E	DX
Q72.20	Congenital absence of both lower leg and foot, unspecified lower limb	E	DX
Q72.21	Congenital absence of both lower leg and foot, right lower limb	E	DX
Q72.22	Congenital absence of both lower leg and foot, left lower limb	E	DX
Q72.23	Congenital absence of both lower leg and foot, bilateral	E	DX
Q72.30	Congenital absence of unspecified foot and toe(s)	E	DX
Q72.31	Congenital absence of right foot and toe(s)	E	DX
Q72.32	Congenital absence of left foot and toe(s)	E	DX
Q72.33	Congenital absence of foot and toe(s), bilateral	E	DX
Q72.40	Longitudinal reduction defect of unspecified femur	E	DX
Q72.41	Longitudinal reduction defect of right femur	E	DX
Q72.42	Longitudinal reduction defect of left femur	E	DX
Q72.43	Longitudinal reduction defect of femur, bilateral	E	DX
Q72.50	Longitudinal reduction defect of unspecified tibia	E	DX
Q72.51	Longitudinal reduction defect of right tibia	E	DX
Q72.52	Longitudinal reduction defect of left tibia	E	DX
Q72.53	Longitudinal reduction defect of tibia, bilateral	E	DX
Q72.60	Longitudinal reduction defect of unspecified fibula	E	DX
Q72.61	Longitudinal reduction defect of right fibula	E	DX
Q72.62	Longitudinal reduction defect of left fibula	E	DX
Q72.63	Longitudinal reduction defect of fibula, bilateral	E	DX
Q72.70	Split foot, unspecified lower limb	E	DX
Q72.71	Split foot, right lower limb	E	DX
Q72.72	Split foot, left lower limb	E	DX
Q72.73	Split foot, bilateral	E	DX
Q72.811	Congenital shortening of right lower limb	E	DX
Q72.812	Congenital shortening of left lower limb	E	DX
Q72.813	Congenital shortening of lower limb, bilateral	E	DX
Q72.819	Congenital shortening of unspecified lower limb	E	DX
Q72.891	Other reduction defects of right lower limb	E	DX
Q72.892	Other reduction defects of left lower limb	E	DX
Q72.893	Other reduction defects of lower limb, bilateral	E	DX
Q72.899	Other reduction defects of unspecified lower limb	E	DX

AOI CODE TABLES

B.2.1 CONGENITAL ANOMALIES AND OTHER DISORDERS

Codes in B.2.1 align with recommended exclusions for Unexpected Complications in Term Newborns (UNC) NQF Measure #0716 (Appendix 2, Group 2A).

Q72 Reduction defects of lower limb

Q72.90	Unspecified reduction defect of unspecified lower limb	E	DX
Q72.91	Unspecified reduction defect of right lower limb	E	DX
Q72.92	Unspecified reduction defect of left lower limb	E	DX
Q72.93	Unspecified reduction defect of lower limb, bilateral	E	DX

Q73 Reduction defects of unspecified limb

Q73.0	Congenital absence of unspecified limb(s)	E	DX
Q73.1	Phocomelia, unspecified limb(s)	E	DX
Q73.8	Other reduction defects of unspecified limb(s)	E	DX

Q74 Other congenital malformations of limb(s)

Q74.0	Other congenital malformations of upper limb(s), including shoulder girdle	E	DX
Q74.1	Congenital malformation of knee	E	DX
Q74.2	Other congenital malformations of lower limb(s), including pelvic girdle	E	DX
Q74.3	Arthrogryposis multiplex congenita	E	DX
Q74.8	Other specified congenital malformations of limb(s)	E	DX
Q74.9	Unspecified congenital malformation of limb(s)	E	DX

Q75 Other congenital malformations of skull and face bones

Q75.0	Craniosynostosis	E	DX
Q75.1	Craniofacial dysostosis	E	DX
Q75.2	Hypertelorism	E	DX
Q75.3	Macrocephaly	E	DX
Q75.4	Mandibulofacial dysostosis	E	DX
Q75.5	Oculomandibular dysostosis	E	DX
Q75.8	Other specified congenital malformations of skull and face bones	E	DX
Q75.9	Congenital malformation of skull and face bones, unspecified	E	DX

Q76 Congenital malformations of spine and bony thorax

Q76.0	Spina bifida occulta	E	DX
Q76.1	Klippel-Feil syndrome	E	DX
Q76.2	Congenital spondylolisthesis	E	DX
Q76.3	Congenital scoliosis due to congenital bony malformation	E	DX
Q76.411	Congenital kyphosis, occipito-atlanto-axial region	E	DX
Q76.412	Congenital kyphosis, cervical region	E	DX
Q76.413	Congenital kyphosis, cervicothoracic region	E	DX
Q76.414	Congenital kyphosis, thoracic region	E	DX
Q76.415	Congenital kyphosis, thoracolumbar region	E	DX
Q76.419	Congenital kyphosis, unspecified region	E	DX
Q76.425	Congenital lordosis, thoracolumbar region	E	DX
Q76.426	Congenital lordosis, lumbar region	E	DX
Q76.427	Congenital lordosis, lumbosacral region	E	DX
Q76.428	Congenital lordosis, sacral and sacrococcygeal region	E	DX
Q76.429	Congenital lordosis, unspecified region	E	DX
Q76.49	Other congenital malformations of spine, not associated with scoliosis	E	DX
Q76.5	Cervical rib	E	DX
Q76.6	Other congenital malformations of ribs	E	DX
Q76.7	Congenital malformation of sternum	E	DX
Q76.8	Other congenital malformations of bony thorax	E	DX
Q76.9	Congenital malformation of bony thorax, unspecified	E	DX

Q77 Osteochondrodysplasia with defects of growth of tubular bones and spine

Q77.0	Achondrogenesis	E	DX
Q77.1	Thanatophoric short stature	E	DX

I - Inclusion E- Exclusion DX - Diagnosis Code PCS - Procedure Code

AOI CODE TABLES

B.2.1 CONGENITAL ANOMALIES AND OTHER DISORDERS

Codes in B.2.1 align with recommended exclusions for Unexpected Complications in Term Newborns (UNC) NQF Measure #0716 (Appendix 2, Group 2A).

Q77 Osteochondrodysplasia with defects of growth of tubular bones and spine

Q77.2	Short rib syndrome	E	DX
Q77.3	Chondrodysplasia punctata	E	DX
Q77.4	Achondroplasia	E	DX
Q77.5	Diastrophic dysplasia	E	DX
Q77.6	Chondroectodermal dysplasia	E	DX
Q77.7	Spondyloepiphyseal dysplasia	E	DX
Q77.8	Other osteochondrodysplasia with defects of growth of tubular bones and spine	E	DX
Q77.9	Osteochondrodysplasia with defects of growth of tubular bones and spine, unspecified	E	DX

Q78 Other osteochondrodysplasias

Q78.0	Osteogenesis imperfecta	E	DX
Q78.1	Polyostotic fibrous dysplasia	E	DX
Q78.2	Osteopetrosis	E	DX
Q78.3	Progressive diaphyseal dysplasia	E	DX
Q78.4	Enchondromatosis	E	DX
Q78.5	Metaphyseal dysplasia	E	DX
Q78.6	Multiple congenital exostoses	E	DX
Q78.8	Other specified osteochondrodysplasias	E	DX
Q78.9	Osteochondrodysplasia, unspecified	E	DX

Q79 Congenital malformations of musculoskeletal system, not elsewhere classified

Q79.0	Congenital diaphragmatic hernia	E	DX
Q79.1	Other congenital malformations of diaphragm	E	DX
Q79.2	Exomphalos	E	DX
Q79.3	Gastroschisis	E	DX
Q79.4	Prune belly syndrome	E	DX
Q79.51	Congenital hernia of bladder	E	DX
Q79.59	Other congenital malformations of abdominal wall	E	DX
Q79.6	Ehlers-Danlos syndrome	E	DX
Q79.8	Other congenital malformations of musculoskeletal system	E	DX
Q79.9	Congenital malformation of musculoskeletal system, unspecified	E	DX

Q80 Congenital ichthyosis

Q80.0	Ichthyosis vulgaris	E	DX
Q80.1	X-linked ichthyosis	E	DX
Q80.2	Lamellar ichthyosis	E	DX
Q80.3	Congenital bullous ichthyosiform erythroderma	E	DX
Q80.4	Harlequin fetus	E	DX
Q80.8	Other congenital ichthyosis	E	DX
Q80.9	Congenital ichthyosis, unspecified	E	DX

Q81 Epidermolysis bullosa

Q81.0	Epidermolysis bullosa simplex	E	DX
Q81.1	Epidermolysis bullosa letalis	E	DX
Q81.2	Epidermolysis bullosa dystrophica	E	DX
Q81.8	Other epidermolysis bullosa	E	DX
Q81.9	Epidermolysis bullosa, unspecified	E	DX

Q82 Other congenital malformations of skin

Q82.0	Hereditary lymphedema	E	DX
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Q85 Phakomatoses, not elsewhere classified

Q85.00	Neurofibromatosis, unspecified	E	DX
Q85.01	Neurofibromatosis, type 1	E	DX

I - Inclusion E - Exclusion DX - Diagnosis Code PCS - Procedure Code

AOI CODE TABLES

B.2.1 CONGENITAL ANOMALIES AND OTHER DISORDERS

Codes in B.2.1 align with recommended exclusions for Unexpected Complications in Term Newborns (UNC) NQF Measure #0716 (Appendix 2, Group 2A).

Q85 Phakomatoses, not elsewhere classified

Q85.02	Neurofibromatosis, type 2	E	DX
Q85.03	Schwannomatosis	E	DX
Q85.09	Other neurofibromatosis	E	DX
Q85.1	Tuberous sclerosis	E	DX
Q85.8	Other phakomatoses, not elsewhere classified	E	DX
Q85.9	Phakomatosis, unspecified	E	DX

Q86 Congenital malformation syndromes due to known exogenous causes, not elsewhere classified

Q86.1	Fetal hydantoin syndrome	E	DX
Q86.2	Dysmorphism due to warfarin	E	DX
Q86.8	Other congenital malformation syndromes due to known exogenous causes	E	DX

Q87 Other specified congenital malformation syndromes affecting multiple systems

Q87.0	Congenital malformation syndromes predominantly affecting facial appearance	E	DX
Q87.1	Congenital malformation syndromes predominantly associated with short stature	E	DX
Q87.2	Congenital malformation syndromes predominantly involving limbs	E	DX
Q87.3	Congenital malformation syndromes involving early overgrowth	E	DX
Q87.40	Marfan's syndrome, unspecified	E	DX
Q87.410	Marfan's syndrome with aortic dilation	E	DX
Q87.418	Marfan's syndrome with other cardiovascular manifestations	E	DX
Q87.42	Marfan's syndrome with ocular manifestations	E	DX
Q87.43	Marfan's syndrome with skeletal manifestation	E	DX
Q87.5	Other congenital malformation syndromes with other skeletal changes	E	DX
Q87.81	Alport syndrome	E	DX
Q87.89	Other specified congenital malformation syndromes, not elsewhere classified	E	DX

Q89 Other congenital malformations, not elsewhere classified

Q89.01	Asplenia (congenital)	E	DX
Q89.09	Congenital malformations of spleen	E	DX
Q89.1	Congenital malformations of adrenal gland	E	DX
Q89.2	Congenital malformations of other endocrine glands	E	DX
Q89.3	Situs inversus	E	DX
Q89.4	Conjoined twins	E	DX
Q89.7	Multiple congenital malformations, not elsewhere classified	E	DX
Q89.8	Other specified congenital malformations	E	DX
Q89.9	Congenital malformation, unspecified	E	DX

Q90 Down syndrome

Q90.0	Trisomy 21, nonmosaicism (meiotic nondisjunction)	E	DX
Q90.1	Trisomy 21, mosaicism (mitotic nondisjunction)	E	DX
Q90.2	Trisomy 21, translocation	E	DX
Q90.9	Down syndrome, unspecified	E	DX

Q91 Trisomy 18 and Trisomy 13

Q91.0	Trisomy 18, nonmosaicism (meiotic nondisjunction)	E	DX
Q91.1	Trisomy 18, mosaicism (mitotic nondisjunction)	E	DX
Q91.2	Trisomy 18, translocation	E	DX
Q91.3	Trisomy 18, unspecified	E	DX
Q91.4	Trisomy 13, nonmosaicism (meiotic nondisjunction)	E	DX
Q91.5	Trisomy 13, mosaicism (mitotic nondisjunction)	E	DX
Q91.6	Trisomy 13, translocation	E	DX
Q91.7	Trisomy 13, unspecified	E	DX

AOI CODE TABLES

B.2.1 CONGENITAL ANOMALIES AND OTHER DISORDERS

Codes in B.2.1 align with recommended exclusions for Unexpected Complications in Term Newborns (UNC) NQF Measure #0716 (Appendix 2, Group 2A).

Q92 Other trisomies and partial trisomies of the autosomes, not elsewhere classified

Q92.0	Whole chromosome trisomy, nonmosaic (meiotic nondisjunction)	E	DX
Q92.1	Whole chromosome trisomy, mosaicism (mitotic nondisjunction)	E	DX
Q92.2	Partial trisomy	E	DX
Q92.5	Duplications with other complex rearrangements	E	DX
Q92.61	Marker chromosomes in normal individual	E	DX
Q92.62	Marker chromosomes in abnormal individual	E	DX
Q92.7	Triploidy and polyploidy	E	DX
Q92.8	Other specified trisomies and partial trisomies of autosomes	E	DX
Q92.9	Trisomy and partial trisomy of autosomes, unspecified	E	DX

Q93 Monosomies and deletions from the autosomes, not elsewhere classified

Q93.0	Whole chromosome monosomy, nonmosaic (meiotic nondisjunction)	E	DX
Q93.1	Whole chromosome monosomy, mosaicism (mitotic nondisjunction)	E	DX
Q93.2	Chromosome replaced with ring, dicentric or isochromosome	E	DX
Q93.3	Deletion of short arm of chromosome 4	E	DX
Q93.4	Deletion of short arm of chromosome 5	E	DX
Q93.5	Other deletions of part of a chromosome	E	DX
Q93.7	Deletions with other complex rearrangements	E	DX
Q93.81	Velo-cardio-facial syndrome	E	DX
Q93.88	Other microdeletions	E	DX
Q93.89	Other deletions from the autosomes	E	DX
Q93.9	Deletion from autosomes, unspecified	E	DX

Q95 Balanced rearrangements and structural markers, not elsewhere classified

Q95.0	Balanced translocation and insertion in normal individual	E	DX
Q95.1	Chromosome inversion in normal individual	E	DX
Q95.2	Balanced autosomal rearrangement in abnormal individual	E	DX
Q95.3	Balanced sex/autosomal rearrangement in abnormal individual	E	DX
Q95.5	Individual with autosomal fragile site	E	DX
Q95.8	Other balanced rearrangements and structural markers	E	DX
Q95.9	Balanced rearrangement and structural marker, unspecified	E	DX

Q96 Turner's syndrome

Q96.0	Karyotype 45, X	E	DX
Q96.1	Karyotype 46, X iso (Xq)	E	DX
Q96.2	Karyotype 46, X with abnormal sex chromosome, except iso (Xq)	E	DX
Q96.3	Mosaicism, 45, X/46, XX or XY	E	DX
Q96.4	Mosaicism, 45, X/other cell line(s) with abnormal sex chromosome	E	DX
Q96.8	Other variants of Turner's syndrome	E	DX
Q96.9	Turner's syndrome, unspecified	E	DX

AOI CODE TABLES

B.2.1 CONGENITAL ANOMALIES AND OTHER DISORDERS

Codes in B.2.1 align with recommended exclusions for Unexpected Complications in Term Newborns (UNC) NQF Measure #0716 (Appendix 2, Group 2A).

Q97 Other sex chromosome abnormalities, female phenotype, not elsewhere classified

Q97.0	Karyotype 47, XXX	E	DX
Q97.1	Female with more than three X chromosomes	E	DX
Q97.2	Mosaicism, lines with various numbers of X chromosomes	E	DX
Q97.3	Female with 46, XY karyotype	E	DX
Q97.8	Other specified sex chromosome abnormalities, female phenotype	E	DX
Q97.9	Sex chromosome abnormality, female phenotype, unspecified	E	DX

Q98 Other sex chromosome abnormalities, male phenotype, not elsewhere classified

Q98.0	Klinefelter syndrome karyotype 47, XXY	E	DX
Q98.1	Klinefelter syndrome, male with more than two X chromosomes	E	DX
Q98.3	Other male with 46, XX karyotype	E	DX
Q98.4	Klinefelter syndrome, unspecified	E	DX
Q98.5	Karyotype 47, XYY	E	DX
Q98.6	Male with structurally abnormal sex chromosome	E	DX
Q98.7	Male with sex chromosome mosaicism	E	DX
Q98.8	Other specified sex chromosome abnormalities, male phenotype	E	DX
Q98.9	Sex chromosome abnormality, male phenotype, unspecified	E	DX

Q99 Other chromosome abnormalities, not elsewhere classified

Q99.0	Chimera 46, XX/46, XY	E	DX
Q99.1	46, XX true hermaphrodite	E	DX
Q99.2	Fragile X chromosome	E	DX
Q99.8	Other specified chromosome abnormalities	E	DX
Q99.9	Chromosomal abnormality, unspecified	E	DX

AOI CODE TABLES

B.3.1 BIRTH TRAUMA

Codes in B.3.1 align with recommended codes used to identify severe birth trauma for Unexpected Complications in Term Newborns (UNC) NQF Measure #0716 (Appendix 3, Group 3A).

P10 Intracranial laceration and hemorrhage due to birth injury

P10.0	Subdural hemorrhage due to birth injury	I	DX
P10.1	Cerebral hemorrhage due to birth injury	I	DX
P10.2	Intraventricular hemorrhage due to birth injury	I	DX
P10.3	Subarachnoid hemorrhage due to birth injury	I	DX
P10.4	Tentorial tear due to birth injury	I	DX
P10.8	Other intracranial lacerations and hemorrhages due to birth injury	I	DX
P10.9	Unspecified intracranial laceration and hemorrhage due to birth injury	I	DX

P11 Other birth injuries to central nervous system

P11.0	Cerebral edema due to birth injury	I	DX
P11.1	Other specified brain damage due to birth injury	I	DX
P11.2	Unspecified brain damage due to birth injury	I	DX
P11.4	Birth injury to other cranial nerves	I	DX
P11.5	Birth injury to spine and spinal cord	I	DX
P11.9	Birth injury to central nervous system, unspecified	I	DX

P12 Birth injury to scalp

P12.2	Epicranial subaponeurotic hemorrhage due to birth injury	I	DX
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P13 Birth injury to skeleton

P13.0	Fracture of skull due to birth injury	I	DX
P13.1	Other birth injuries to skull	I	DX
P13.2	Birth injury to femur	I	DX
P13.3	Birth injury to other long bones	I	DX

P14 Birth injury to peripheral nervous system

P14.0	Erb's paralysis due to birth injury	I	DX
P14.1	Klumpke's paralysis due to birth injury	I	DX
P14.2	Phrenic nerve paralysis due to birth injury	I	DX
P14.3	Other brachial plexus birth injuries	I	DX
P14.8	Birth injuries to other parts of peripheral nervous system	I	DX
P14.9	Birth injury to peripheral nervous system, unspecified	I	DX

P15 Other birth injuries

P15.0	Birth injury to liver	I	DX
P15.1	Birth injury to spleen	I	DX
P15.3	Birth injury to eye	I	DX

P51 Umbilical hemorrhage of newborn

P51.0	Massive umbilical hemorrhage of newborn	I	DX
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Q78 Other osteochondrodysplasias

Q78.0	Osteogenesis imperfecta	E	DX
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I - Inclusion E- Exclusion DX - Diagnosis Code PCS - Procedure Code

AOI CODE TABLES

B.4.1 BIRTHWEIGHT ≥ 2500 GRAMS

P05 Disorders of newborn related to slow fetal growth and fetal malnutrition

P05.09	Newborn light for gestational age, 2500 grams and over	I	DX
P05.19	Newborn small for gestational age, other	I	DX

I - Inclusion E- Exclusion DX - Diagnosis Code PCS - Procedure Code

AOI CODE TABLES

B.5.1 NEONATAL DRUG/ALCOHOL EXPOSURE

P04 Newborn affected by noxious substances transmitted via placenta or breast milk

P04.3	Newborn affected by maternal use of alcohol	E	DX
P04.41	Newborn affected by maternal use of cocaine	E	DX
P04.49	Newborn affected by maternal use of other drugs of addiction	E	DX

P96 Other conditions originating in the perinatal period

P96.1	Neonatal withdrawal symptoms from maternal use of drugs of addiction	E	DX
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Q86 Congenital malformation syndromes due to known exogenous causes, not elsewhere classified

Q86.0	Fetal alcohol syndrome (dysmorphic)	E	DX
Q86.1	Fetal hydantoin syndrome	E	DX
Q86.2	Dysmorphism due to warfarin	E	DX
Q86.8	Other congenital malformation syndromes due to known exogenous causes	E	DX

I - Inclusion E- Exclusion DX - Diagnosis Code PCS - Procedure Code

AOI CODE TABLES

M.1.1 DELIVERIES

MS DRGs 765-768 and 774-775

765	Cesarean section with CC/MCC	I
766	Cesarean section without CC/MCC	I
767	Vaginal delivery with sterilization and/or D&C	I
768	Vaginal delivery with OR procedure except sterilization and/or D&C	I
774	Vaginal delivery with complicating diagnoses	I
775	Vaginal delivery without complicating diagnoses	I

MS DRGs ≥ 981 and with one of the following ICD-10-PCS procedure codes

≥ 981	10D00Z0 Extraction of products of conception, classical, open approach	I
≥ 981	10D00Z1 Extraction of products of conception, low cervical, open approach	I
≥ 981	10D00Z2 Extraction of products of conception, extraperitoneal, open approach	I
≥ 981	10D07Z3 Extraction of products of conception, low forceps, via natural or artificial opening	I
≥ 981	10D07Z4 Extraction of products of conception, mid forceps, via natural or artificial opening	I
≥ 981	10D07Z5 Extraction of products of conception, high forceps, via natural or artificial opening	I
≥ 981	10D07Z6 Extraction of products of conception, vacuum, via natural or artificial opening	I
≥ 981	10D07Z7 Extraction of products of conception, internal version, via natural or artificial opening	I
≥ 981	10D07Z8 Extraction of products of conception, other, via natural or artificial opening	I
≥ 981	10E0XZZ Delivery of products of conception, external approach	I

APR DRGs 540-542 and 560

540	Cesarean delivery	I
541	Vaginal delivery with sterilization and/or D&C	I
542	Vaginal delivery with complicating procedures except sterilization and/or D&C	I
560	Vaginal delivery	I

I - Inclusion E- Exclusion DX - Diagnosis Code PCS - Procedure Code

AOI CODE TABLES

M.2.1 UTERINE RUPTURE DURING LABOR

O71 Other obstetric trauma

O71.1	Rupture of uterus during labor	I	DX
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I - Inclusion E- Exclusion DX - Diagnosis Code PCS - Procedure Code

AOI CODE TABLES

M.3.1 MATERNAL INTENSIVE CARE

Codes in M.3.1 align with codes used to identify Severe Maternal Morbidity (SMM) as recommended by the Alliance for Innovation on Maternal Health (AIM)

Acute myocardial infarction

I21.01	ST elevation (STEMI) myocardial infarction involving left main coronary artery	I	DX
I21.02	ST elevation (STEMI) myocardial infarction involving left anterior descending coronary artery	I	DX
I21.09	ST elevation (STEMI) myocardial infarction involving other coronary artery of anterior wall	I	DX
I21.11	ST elevation (STEMI) myocardial infarction involving right coronary artery	I	DX
I21.19	ST elevation (STEMI) myocardial infarction involving other coronary artery of inferior wall	I	DX
I21.21	ST elevation (STEMI) myocardial infarction involving left circumflex coronary artery	I	DX
I21.29	ST elevation (STEMI) myocardial infarction involving other sites	I	DX
I21.3	ST elevation (STEMI) myocardial infarction of unspecified site	I	DX
I21.4	Non-ST elevation (NSTEMI) myocardial infarction	I	DX
I21.9	Acute myocardial infarction, unspecified	I	DX
I21.A1	Myocardial infarction type 2	I	DX
I21.A9	Other myocardial infarction type	I	DX
I22.0	Subsequent ST elevation (STEMI) myocardial infarction of anterior wall	I	DX
I22.1	Subsequent ST elevation (STEMI) myocardial infarction of inferior wall	I	DX
I22.2	Subsequent non-ST elevation (NSTEMI) myocardial infarction	I	DX
I22.8	Subsequent ST elevation (STEMI) myocardial infarction of other sites	I	DX
I22.9	Subsequent ST elevation (STEMI) myocardial infarction of unspecified site	I	DX

Acute renal failure

N17.0	Acute kidney failure with tubular necrosis	I	DX
N17.1	Acute kidney failure with acute cortical necrosis	I	DX
N17.2	Acute kidney failure with medullary necrosis	I	DX
N17.8	Other acute kidney failure	I	DX
N17.9	Acute kidney failure, unspecified	I	DX
O90.4	Postpartum acute kidney failure	I	DX

Adult respiratory distress syndrome

J80	Acute respiratory distress syndrome	I	DX
J95.1	Acute pulmonary insufficiency following thoracic surgery	I	DX
J95.2	Acute pulmonary insufficiency following nonthoracic surgery	I	DX
J95.3	Chronic pulmonary insufficiency following surgery	I	DX
J95.821	Acute postprocedural respiratory failure	I	DX
J95.822	Acute and chronic postprocedural respiratory failure	I	DX
J96.00	Acute respiratory failure unspecified whether with hypoxia or hypercapnia	I	DX
J96.01	Acute respiratory failure with hypoxia	I	DX
J96.02	Acute respiratory failure with hypercapnia	I	DX
J96.20	Acute and chronic respiratory failure unspecified whether with hypoxia or hypercapnia	I	DX
J96.21	Acute and chronic respiratory failure with hypoxia	I	DX
J96.22	Acute and chronic respiratory failure with hypercapnia	I	DX
R09.2	Respiratory arrest	I	DX

Amniotic fluid embolism

O88.111	Amniotic fluid embolism in first trimester	I	DX
O88.112	Amniotic fluid embolism in second trimester	I	DX
O88.113	Amniotic fluid embolism in third trimester	I	DX
O88.119	Amniotic fluid embolism in pregnancy	I	DX
O88.12	Amniotic fluid embolism in childbirth	I	DX
O88.13	Amniotic fluid embolism in puerperium	I	DX

Aneurysm

I71.00	Dissection of unspecified site of aorta	I	DX
I71.01	Dissection of thoracic aorta	I	DX
I71.02	Dissection of abdominal aorta	I	DX

I - Inclusion E - Exclusion DX - Diagnosis Code PCS - Procedure Code

AOI CODE TABLES

M.3.1 MATERNAL INTENSIVE CARE

Codes in M.3.1 align with codes used to identify Severe Maternal Morbidity (SMM) as recommended by the Alliance for Innovation on Maternal Health (AIM)

Aneurysm

I71.03	Dissection of thoracoabdominal aorta	I	DX
I71.1	Thoracic aortic aneurysm, ruptured	I	DX
I71.2	Thoracic aortic aneurysm, without rupture	I	DX
I71.3	Abdominal aortic aneurysm, ruptured	I	DX
I71.4	Abdominal aortic aneurysm, without rupture	I	DX
I71.5	Thoracoabdominal aortic aneurysm, ruptured	I	DX
I71.6	Thoracoabdominal aortic aneurysm, without rupture	I	DX
I71.8	Aortic aneurysm of unspecified site, ruptured	I	DX
I71.9	Aortic aneurysm of unspecified site, without rupture	I	DX
I79.0	Aneurysm of aorta in diseases classified elsewhere	I	DX

Cardiac arrest/ventricular fibrillation

I49.01	Ventricular fibrillation	I	DX
I49.02	Ventricular flutter	I	DX
I46.2	Cardiac arrest due to underlying cardiac condition	I	DX
I46.8	Cardiac arrest due to other underlying condition	I	DX
I46.9	Cardiac arrest, cause unspecified	I	DX

Disseminated intravascular coagulation

D65	Disseminated intravascular coagulation (defibrination syndrome)	I	DX
D68.8	Other specified coagulation defects	I	DX
D68.9	Coagulation defect, unspecified	I	DX
O72.3	Postpartum coagulation defects	I	DX

Eclampsia

O15.00	Eclampsia complicating pregnancy, unspecified trimester	I	DX
O15.02	Eclampsia in pregnancy, second trimester	I	DX
O15.03	Eclampsia in pregnancy, third trimester	I	DX
O15.1	Eclampsia in labor	I	DX
O15.2	Eclampsia in the puerperium	I	DX
O15.9	Eclampsia, unspecified as to time period	I	DX

Heart failure/arrest during procedure or surgery

I97.120	Postprocedural cardiac arrest following cardiac surgery	I	DX
I97.121	Postprocedural cardiac arrest following other surgery	I	DX
I97.130	Postprocedural heart failure following cardiac surgery	I	DX
I97.131	Postprocedural heart failure following other surgery	I	DX

Puerperal cerebrovascular disorder

I60.00	Nontraumatic subarachnoid hemorrhage from unspecified carotid siphon and bifurcation	I	DX
I60.01	Nontraumatic subarachnoid hemorrhage from right carotid siphon and bifurcation	I	DX
I60.02	Nontraumatic subarachnoid hemorrhage from left carotid siphon and bifurcation	I	DX
I60.10	Nontraumatic subarachnoid hemorrhage from unspecified middle cerebral artery	I	DX
I60.11	Nontraumatic subarachnoid hemorrhage from right middle cerebral artery	I	DX
I60.12	Nontraumatic subarachnoid hemorrhage from left middle cerebral artery	I	DX
I60.2	Nontraumatic subarachnoid hemorrhage from anterior communicating artery	I	DX
I60.20	Nontraumatic subarachnoid hemorrhage from unspecified anterior communicating artery	I	DX
I60.21	Nontraumatic subarachnoid hemorrhage from right anterior communicating artery	I	DX
I60.22	Nontraumatic subarachnoid hemorrhage from left anterior communicating artery	I	DX
I60.30	Nontraumatic subarachnoid hemorrhage from unspecified posterior communicating artery	I	DX
I60.31	Nontraumatic subarachnoid hemorrhage from right posterior communicating artery	I	DX
I60.32	Nontraumatic subarachnoid hemorrhage from left posterior communicating artery	I	DX
I60.4	Nontraumatic subarachnoid hemorrhage from basilar artery	I	DX
I60.50	Nontraumatic subarachnoid hemorrhage from unspecified vertebral artery	I	DX

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Puerperal cerebrovascular disorder

I60.51	Nontraumatic subarachnoid hemorrhage from right vertebral artery	I	DX
I60.52	Nontraumatic subarachnoid hemorrhage from left vertebral artery	I	DX
I60.6	Nontraumatic subarachnoid hemorrhage from other intracranial arteries	I	DX
I60.7	Nontraumatic subarachnoid hemorrhage from unspecified intracranial artery	I	DX
I60.8	Other nontraumatic subarachnoid hemorrhage	I	DX
I60.9	Nontraumatic subarachnoid hemorrhage, unspecified	I	DX
I61.0	Nontraumatic intracerebral hemorrhage in hemisphere, subcortical	I	DX
I61.1	Nontraumatic intracerebral hemorrhage in hemisphere, cortical	I	DX
I61.2	Nontraumatic intracerebral hemorrhage in hemisphere, unspecified	I	DX
I61.3	Nontraumatic intracerebral hemorrhage in brain stem	I	DX
I61.4	Nontraumatic intracerebral hemorrhage in cerebellum	I	DX
I61.5	Nontraumatic intracerebral hemorrhage, intraventricular	I	DX
I61.6	Nontraumatic intracerebral hemorrhage, multiple localized	I	DX
I61.8	Other nontraumatic intracerebral hemorrhage	I	DX
I61.9	Nontraumatic intracerebral hemorrhage, unspecified	I	DX
I62.00	Nontraumatic subdural hemorrhage, unspecified	I	DX
I62.01	Nontraumatic acute subdural hemorrhage	I	DX
I62.02	Nontraumatic subacute subdural hemorrhage	I	DX
I62.03	Nontraumatic chronic subdural hemorrhage	I	DX
I62.1	Nontraumatic extradural hemorrhage	I	DX
I62.9	Nontraumatic intracranial hemorrhage, unspecified	I	DX
I63.00	Cerebral infarction due to thrombosis of unspecified precerebral artery	I	DX
I63.011	Cerebral infarction due to thrombosis of right vertebral artery	I	DX
I63.012	Cerebral infarction due to thrombosis of left vertebral artery	I	DX
I63.013	Cerebral infarction due to thrombosis of bilateral vertebral arteries	I	DX
I63.019	Cerebral infarction due to thrombosis of unspecified vertebral artery	I	DX
I63.02	Cerebral infarction due to thrombosis of basilar artery	I	DX
I63.031	Cerebral infarction due to thrombosis of right carotid artery	I	DX
I63.032	Cerebral infarction due to thrombosis of left carotid artery	I	DX
I63.033	Cerebral infarction due to thrombosis of bilateral carotid arteries	I	DX
I63.039	Cerebral infarction due to thrombosis of unspecified carotid artery	I	DX
I63.09	Cerebral infarction due to thrombosis of other precerebral artery	I	DX
I63.10	Cerebral infarction due to embolism of unspecified precerebral artery	I	DX
I63.111	Cerebral infarction due to embolism of right vertebral artery	I	DX
I63.112	Cerebral infarction due to embolism of left vertebral artery	I	DX
I63.113	Cerebral infarction due to embolism of bilateral vertebral arteries	I	DX
I63.119	Cerebral infarction due to embolism of unspecified vertebral artery	I	DX
I63.12	Cerebral infarction due to embolism of basilar artery	I	DX
I63.131	Cerebral infarction due to embolism of right carotid artery	I	DX
I63.132	Cerebral infarction due to embolism of left carotid artery	I	DX
I63.133	Cerebral infarction due to embolism of bilateral carotid arteries	I	DX
I63.139	Cerebral infarction due to embolism of unspecified carotid artery	I	DX
I63.19	Cerebral infarction due to embolism of other precerebral artery	I	DX
I63.20	Cerebral infarction due to unspecified occlusion or stenosis of unspecified precerebral arteries	I	DX
I63.211	Cerebral infarction due to unspecified occlusion or stenosis of right vertebral arteries	I	DX
I63.212	Cerebral infarction due to unspecified occlusion or stenosis of left vertebral arteries	I	DX
I63.213	Cerebral infarction due to unspecified occlusion or stenosis of bilateral vertebral arteries	I	DX
I63.219	Cerebral infarction due to unspecified occlusion or stenosis of unspecified vertebral arteries	I	DX
I63.22	Cerebral infarction due to unspecified occlusion or stenosis of basilar arteries	I	DX
I63.231	Cerebral infarction due to unspecified occlusion or stenosis of right carotid arteries	I	DX

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Puerperal cerebrovascular disorder

I63.232	Cerebral infarction due to unspecified occlusion or stenosis of left carotid arteries	I	DX
I63.233	Cerebral infarction due to unspecified occlusion or stenosis of bilateral carotid arteries	I	DX
I63.239	Cerebral infarction due to unspecified occlusion or stenosis of unspecified carotid arteries	I	DX
I63.29	Cerebral infarction due to unspecified occlusion or stenosis of other precerebral arteries	I	DX
I63.30	Cerebral infarction due to thrombosis of unspecified cerebral artery	I	DX
I63.311	Cerebral infarction due to thrombosis of right middle cerebral artery	I	DX
I63.312	Cerebral infarction due to thrombosis of left middle cerebral artery	I	DX
I63.313	Cerebral infarction due to thrombosis of bilateral middle cerebral arteries	I	DX
I63.319	Cerebral infarction due to thrombosis of unspecified middle cerebral artery	I	DX
I63.321	Cerebral infarction due to thrombosis of right anterior cerebral artery	I	DX
I63.322	Cerebral infarction due to thrombosis of left anterior cerebral artery	I	DX
I63.323	Cerebral infarction due to thrombosis of bilateral anterior arteries	I	DX
I63.329	Cerebral infarction due to thrombosis of unspecified anterior cerebral artery	I	DX
I63.331	Cerebral infarction due to thrombosis of right posterior cerebral artery	I	DX
I63.332	Cerebral infarction due to thrombosis of left posterior cerebral artery	I	DX
I63.333	Cerebral infarction to thrombosis of bilateral posterior arteries	I	DX
I63.339	Cerebral infarction due to thrombosis of unspecified posterior cerebral artery	I	DX
I63.341	Cerebral infarction due to thrombosis of right cerebellar artery	I	DX
I63.342	Cerebral infarction due to thrombosis of left cerebellar artery	I	DX
I63.343	Cerebral infarction to thrombosis of bilateral cerebellar arteries	I	DX
I63.349	Cerebral infarction due to thrombosis of unspecified cerebellar artery	I	DX
I63.39	Cerebral infarction due to thrombosis of other cerebral artery	I	DX
I63.40	Cerebral infarction due to embolism of unspecified cerebral artery	I	DX
I63.411	Cerebral infarction due to embolism of right middle cerebral artery	I	DX
I63.412	Cerebral infarction due to embolism of left middle cerebral artery	I	DX
I63.413	Cerebral infarction due to embolism of bilateral middle cerebral arteries	I	DX
I63.419	Cerebral infarction due to embolism of unspecified middle cerebral artery	I	DX
I63.421	Cerebral infarction due to embolism of right anterior cerebral artery	I	DX
I63.422	Cerebral infarction due to embolism of left anterior cerebral artery	I	DX
I63.423	Cerebral infarction due to embolism of bilateral anterior cerebral arteries	I	DX
I63.429	Cerebral infarction due to embolism of unspecified anterior cerebral artery	I	DX
I63.431	Cerebral infarction due to embolism of right posterior cerebral artery	I	DX
I63.432	Cerebral infarction due to embolism of left posterior cerebral artery	I	DX
I63.433	Cerebral infarction due to embolism of bilateral posterior cerebral arteries	I	DX
I63.439	Cerebral infarction due to embolism of unspecified posterior cerebral artery	I	DX
I63.441	Cerebral infarction due to embolism of right cerebellar artery	I	DX
I63.442	Cerebral infarction due to embolism of left cerebellar artery	I	DX
I63.443	Cerebral infarction due to embolism of bilateral cerebellar arteries	I	DX
I63.449	Cerebral infarction due to embolism of unspecified cerebellar artery	I	DX
I63.49	Cerebral infarction due to embolism of other cerebral artery	I	DX
I63.50	Cerebral infarction due to unspecified occlusion or stenosis of unspecified cerebral artery	I	DX
I63.511	Cerebral infarction due to unspecified occlusion or stenosis of right middle cerebral artery	I	DX
I63.512	Cerebral infarction due to unspecified occlusion or stenosis of left middle cerebral artery	I	DX
I63.513	Cerebral infarction due to unspecified occlusion or stenosis of bilateral middle arteries	I	DX
I63.519	Cerebral infarction due to unspecified occlusion or stenosis of unspecified middle cerebral artery	I	DX
I63.521	Cerebral infarction due to unspecified occlusion or stenosis of right anterior cerebral artery	I	DX
I63.522	Cerebral infarction due to unspecified occlusion or stenosis of left anterior cerebral artery	I	DX
I63.523	Cerebral infarction due to unspecified occlusion or stenosis of bilateral anterior arteries	I	DX

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Puerperal cerebrovascular disorder

I63.529	Cerebral infarction due to unspecified occlusion or stenosis of unspecified anterior cerebral artery	I	DX
I63.531	Cerebral infarction due to unspecified occlusion or stenosis of right posterior cerebral artery	I	DX
I63.532	Cerebral infarction due to unspecified occlusion or stenosis of left posterior cerebral artery	I	DX
I63.533	Cerebral infarction due to unspecified occlusion or stenosis of bilateral posterior arteries	I	DX
I63.539	Cerebral infarction due to unspecified occlusion or stenosis of unspecified posterior cerebral	I	DX
I63.541	Cerebral infarction due to unspecified occlusion or stenosis of right cerebellar artery	I	DX
I63.542	Cerebral infarction due to unspecified occlusion or stenosis of left cerebellar artery	I	DX
I63.543	Cerebral infarction due to unspecified occlusion or stenosis of bilateral cerebellar arteries	I	DX
I63.549	Cerebral infarction due to unspecified occlusion or stenosis of unspecified cerebellar artery	I	DX
I63.59	Cerebral infarction due to unspecified occlusion or stenosis of other cerebral artery	I	DX
I63.6	Cerebral infarction due to cerebral venous thrombosis, nonpyogenic	I	DX
I63.8	Other cerebral infarction	I	DX
I63.9	Cerebral infarction, unspecified	I	DX
I65.01	Occlusion and stenosis of right vertebral artery	I	DX
I65.02	Occlusion and stenosis of left vertebral artery	I	DX
I65.03	Occlusion and stenosis of bilateral vertebral arteries	I	DX
I65.09	Occlusion and stenosis of unspecified vertebral artery	I	DX
I65.1	Occlusion and stenosis of basilar artery	I	DX
I65.21	Occlusion and stenosis of right carotid artery	I	DX
I65.22	Occlusion and stenosis of left carotid artery	I	DX
I65.23	Occlusion and stenosis of bilateral carotid arteries	I	DX
I65.29	Occlusion and stenosis of unspecified carotid artery	I	DX
I65.8	Occlusion and stenosis of other precerebral arteries	I	DX
I65.9	Occlusion and stenosis of unspecified precerebral artery	I	DX
I66.01	Occlusion and stenosis of right middle cerebral artery	I	DX
I66.02	Occlusion and stenosis of left middle cerebral artery	I	DX
I66.03	Occlusion and stenosis of bilateral middle cerebral arteries	I	DX
I66.09	Occlusion and stenosis of unspecified middle cerebral artery	I	DX
I66.11	Occlusion and stenosis of right anterior cerebral artery	I	DX
I66.12	Occlusion and stenosis of left anterior cerebral artery	I	DX
I66.13	Occlusion and stenosis of bilateral anterior cerebral arteries	I	DX
I66.19	Occlusion and stenosis of unspecified anterior cerebral artery	I	DX
I66.21	Occlusion and stenosis of right posterior cerebral artery	I	DX
I66.22	Occlusion and stenosis of left posterior cerebral artery	I	DX
I66.23	Occlusion and stenosis of bilateral posterior cerebral arteries	I	DX
I66.29	Occlusion and stenosis of unspecified posterior cerebral artery	I	DX
I66.3	Occlusion and stenosis of cerebellar arteries	I	DX
I66.8	Occlusion and stenosis of other cerebral arteries	I	DX
I66.9	Occlusion and stenosis of unspecified cerebral artery	I	DX
I67.0	Dissection of cerebral arteries, nonruptured	I	DX
I67.1	Cerebral aneurysm, nonruptured	I	DX
I67.2	Cerebral atherosclerosis	I	DX
I67.3	Progressive vascular leukoencephalopathy	I	DX
I67.4	Hypertensive encephalopathy	I	DX
I67.5	Moyamoya disease	I	DX
I67.6	Nonpyogenic thrombosis of intracranial venous system	I	DX
I67.7	Cerebral arteritis, not elsewhere classified	I	DX
I67.81	Acute cerebrovascular insufficiency	I	DX
I67.82	Cerebral ischemia	I	DX

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Puerperal cerebrovascular disorder

I67.83	Posterior reversible encephalopathy syndrome	I	DX
I67.841	Reversible cerebrovascular vasoconstriction syndrome	I	DX
I67.848	Other cerebrovascular vasospasm and vasoconstriction	I	DX
I67.89	Other cerebrovascular disease	I	DX
I67.9	Cerebrovascular disease, unspecified	I	DX
I68.0	Cerebral amyloid angiopathy	I	DX
I68.2	Cerebral arteritis in other diseases classified elsewhere	I	DX
I68.8	Other cerebrovascular disorders in diseases classified elsewhere	I	DX
O22.51	Cerebral venous thrombosis in pregnancy unspecified trimester	I	DX
O22.52	Cerebral venous thrombosis in pregnancy second trimester	I	DX
O22.53	Cerebral venous thrombosis in pregnancy third trimester	I	DX
O87.3	Cerebral venous thrombosis in the puerperium	I	DX
I97.810	Intraoperative cerebrovascular infarction during cardiac surgery	I	DX
I97.811	Intraoperative cerebrovascular infarction during other surgery	I	DX
I97.820	Postprocedural cerebrovascular infarction during cardiac surgery	I	DX
I97.821	Postprocedural cerebrovascular infarction during other surgery	I	DX

Acute heart failure/pulmonary edema

J81.0	Acute pulmonary edema	I	DX
I50.1	Left ventricular failure	I	DX
I50.20	Unspecified systolic (congestive) heart failure	I	DX
I50.21	Acute systolic (congestive) heart failure	I	DX
I50.23	Acute on chronic systolic (congestive) heart failure	I	DX
I50.30	Unspecified diastolic (congestive) heart failure	I	DX
I50.31	Acute diastolic (congestive) heart failure	I	DX
I50.33	Acute on chronic diastolic (congestive) heart failure	I	DX
I50.40	Unspecified combined systolic (congestive) and diastolic (congestive) heart failure	I	DX
I50.41	Acute combined systolic (congestive) and diastolic (congestive) heart failure	I	DX
I50.43	Acute on chronic combined systolic (congestive) and diastolic (congestive) heart failure	I	DX
I50.9	Heart failure, unspecified	I	DX

Severe anesthesia complications

O74.0	Aspiration pneumonitis due to anesthesia during labor and delivery	I	DX
O74.1	Other pulmonary complications of anesthesia during labor and delivery	I	DX
O74.2	Cardiac complications of anesthesia during labor and delivery	I	DX
O74.3	Central nervous system complications of anesthesia during labor and delivery	I	DX
O89.01	Aspiration pneumonitis due to anesthesia during the puerperium	I	DX
O89.09	Other pulmonary complications of anesthesia during the puerperium	I	DX
O89.1	Cardiac complications of anesthesia during the puerperium	I	DX
O89.2	Central nervous system complications of anesthesia during the puerperium	I	DX

Sepsis

O85	Puerperal sepsis	I	DX
T80.211A	Bloodstream infection due to central venous catheter, initial encounter	I	DX
T81.4XXA	Infection following a procedure, initial encounter	I	DX
R65.20	Severe sepsis without septic shock	I	DX
A40.0	Sepsis due to streptococcus, group A	I	DX
A40.1	Sepsis due to streptococcus, group B	I	DX
A40.3	Sepsis due to Streptococcus pneumoniae	I	DX
A40.8	Other streptococcal sepsis	I	DX
A40.9	Streptococcal sepsis, unspecified	I	DX
A41.01	Sepsis due to Methicillin susceptible Staphylococcus aureus	I	DX

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Sepsis

A41.02	Sepsis due to Methicillin resistant Staphylococcus aureus	I	DX
A41.1	Sepsis due to other specified staphylococcus	I	DX
A41.2	Sepsis due to unspecified staphylococcus	I	DX
A41.3	Sepsis due to Hemophilus influenza	I	DX
A41.4	Sepsis due to anaerobes	I	DX
A41.50	Gram-negative sepsis, unspecified	I	DX
A41.51	Sepsis due to Escherichia coli	I	DX
A41.52	Sepsis due to pseudomonas	I	DX
A41.53	Sepsis due to serratia	I	DX
A41.59	Other gram-negative sepsis	I	DX
A41.81	Sepsis due to Enterococcus	I	DX
A41.89	Other specified sepsis	I	DX
A41.9	Sepsis, unspecified	I	DX
A32.7	Listerial sepsis	I	DX

Shock

O75.1	Shock during or following labor and delivery	I	DX
R57.0	Cardiogenic shock	I	DX
R57.1	Hypovolemic shock	I	DX
R57.8	Other shock	I	DX
R57.9	Shock, unspecified	I	DX
R65.21	Severe sepsis with septic shock	I	DX
T78.2XXA	Anaphylactic shock, unspecified	I	DX
T88.2XXA	Shock due to anesthesia	I	DX
T88.6XXA	Anaphylactic reaction due to adverse effect of correct drug or medicament properly administered	I	DX
T81.10XA	Postprocedural shock unspecified, initial encounter	I	DX
T81.11XA	Postprocedural cardiogenic shock, initial encounter	I	DX
T81.19XA	Other postprocedural shock, initial encounter	I	DX

Sickle cell disease with crisis

D57.00	Hb-SS disease with crisis, unspecified	I	DX
D57.01	Hb-SS disease with acute chest syndrome	I	DX
D57.02	Hb-SS disease with splenic sequestration	I	DX
D57.211	Sickle-cell/Hb-C disease with acute chest syndrome	I	DX
D57.212	Sickle-cell/Hb-C disease with splenic sequestration	I	DX
D57.219	Sickle-cell/Hb-C disease with crisis, unspecified	I	DX
D57.411	Sickle-cell thalassemia with acute chest syndrome	I	DX
D57.412	Sickle-cell thalassemia with splenic sequestration	I	DX
D57.419	Sickle-cell thalassemia with crisis, unspecified	I	DX
D57.811	Other sickle-cell disorders with acute chest syndrome	I	DX
D57.812	Other sickle-cell disorders with splenic sequestration	I	DX
D57.819	Other sickle-cell disorders with crisis, unspecified	I	DX

Air and thrombotic embolism

I26.01	Septic pulmonary embolism with acute cor pulmonale	I	DX
I26.02	Saddle embolus of pulmonary artery with acute cor pulmonale	I	DX
I26.09	Other pulmonary embolism with acute cor pulmonale	I	DX
I26.90	Septic pulmonary embolism without acute cor pulmonale	I	DX
I26.92	Saddle embolus of pulmonary artery without acute cor pulmonale	I	DX
I26.99	Other pulmonary embolism without acute cor pulmonale	I	DX
O88.011	Air embolism in pregnancy, first trimester	I	DX
O88.012	Air embolism in pregnancy, second trimester	I	DX

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Air and thrombotic embolism

O88.013	Air embolism in pregnancy, third trimester	I	DX
O88.019	Air embolism in pregnancy, unspecified trimester	I	DX
O88.02	Air embolism in childbirth	I	DX
O88.03	Air embolism in the puerperium	I	DX
O88.211	Thromboembolism in pregnancy, first trimester	I	DX
O88.212	Thromboembolism in pregnancy, second trimester	I	DX
O88.213	Thromboembolism in pregnancy, third trimester	I	DX
O88.219	Thromboembolism in pregnancy, unspecified trimester	I	DX
O88.22	Thromboembolism in childbirth	I	DX
O88.23	Thromboembolism in the puerperium	I	DX
O88.311	Pyemic and septic embolism in pregnancy, first trimester	I	DX
O88.312	Pyemic and septic embolism in pregnancy, second trimester	I	DX
O88.313	Pyemic and septic embolism in pregnancy, third trimester	I	DX
O88.319	Pyemic and septic embolism in pregnancy, unspecified trimester	I	DX
O88.32	Pyemic and septic embolism in childbirth	I	DX
O88.33	Pyemic and septic embolism in the puerperium	I	DX
O88.811	Other embolism in pregnancy first trimester	I	DX
O88.812	Other embolism in pregnancy second trimester	I	DX
O88.813	Other embolism in pregnancy third trimester	I	DX
O88.819	Other embolism in pregnancy, unspecified trimester	I	DX
O88.82	Other embolism in childbirth	I	DX
O88.83	Other embolism in the puerperium	I	DX

Blood transfusion

30233H1	Transfusion of nonautologous whole blood into peripheral vein, percutaneous approach	I	PCS
30233K1	Transfusion of nonautologous frozen plasma into peripheral vein, percutaneous approach	I	PCS
30233L1	Transfusion of nonautologous fresh plasma into peripheral vein, percutaneous approach	I	PCS
30233M1	Transfusion of nonautologous plasma cryoprecipitate into peripheral vein, percutaneous approach	I	PCS
30233N1	Transfusion of nonautologous red blood cells into peripheral vein, percutaneous approach	I	PCS
30233P1	Transfusion of nonautologous frozen red cells into peripheral vein, percutaneous approach	I	PCS
30233R1	Transfusion of nonautologous platelets into peripheral vein, percutaneous approach	I	PCS
30233T1	Transfusion of nonautologous fibrinogen into peripheral vein, percutaneous approach	I	PCS
30240H1	Transfusion of nonautologous whole blood into central vein, open approach	I	PCS
30240K1	Transfusion of nonautologous frozen plasma into central vein, open approach	I	PCS
30240L1	Transfusion of nonautologous fresh plasma into central vein, open approach	I	PCS
30240M1	Transfusion of nonautologous plasma cryoprecipitate into central vein, open approach	I	PCS
30240N1	Transfusion of nonautologous red blood cells into central vein, open approach	I	PCS
30240P1	Transfusion of nonautologous frozen red cells into central vein, open approach	I	PCS
30240R1	Transfusion of nonautologous platelets into central vein, open approach	I	PCS
30240T1	Transfusion of nonautologous fibrinogen into central vein, open approach	I	PCS
30243H1	Transfusion of nonautologous whole blood into central vein, percutaneous approach	I	PCS
30243K1	Transfusion of nonautologous frozen plasma into central vein, percutaneous approach	I	PCS
30243L1	Transfusion of nonautologous fresh plasma into central vein, percutaneous approach	I	PCS
30243M1	Transfusion of nonautologous plasma cryoprecipitate into central vein, percutaneous approach	I	PCS
30243N1	Transfusion of nonautologous red blood cells into central vein, percutaneous approach	I	PCS
30243P1	Transfusion of nonautologous Frozen Red Cells into Central vein, percutaneous approach	I	PCS
30243R1	Transfusion of nonautologous Platelets into Central vein, percutaneous approach	I	PCS
30243T1	Transfusion of nonautologous Fibrinogen into Central vein, percutaneous approach	I	PCS
30233N0	Transfusion of autologous red blood cells into peripheral vein, percutaneous approach	I	PCS
30233P0	Transfusion of autologous frozen red cells into peripheral vein, percutaneous approach	I	PCS

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Blood transfusion

30240N0	Transfusion of autologous red blood cells into central vein, open approach	I	PCS
30240P0	Transfusion of autologous frozen red cells into central vein, open approach	I	PCS
30243N0	Transfusion of autologous red blood cells into central vein, percutaneous approach	I	PCS
30243P0	Transfusion of autologous frozen red cells into central vein, percutaneous approach	I	PCS

Conversion of cardiac rhythm

5A2204Z	Restoration of cardiac rhythm, single	I	PCS
5A12012	Performance of Cardiac Output, Single, Manual	I	PCS

Hysterectomy

0UT90ZZ	Resection of uterus, open approach	I	PCS
0UT94ZZ	Resection of uterus, percutaneous endoscopic approach	I	PCS
0UT97ZZ	Resection of uterus, via natural or artificial opening	I	PCS
0UT98ZZ	Resection of uterus, via natural or artificial opening endoscopic	I	PCS
0UT9FZZ	Resection of uterus, via natural or artificial opening with percutaneous endoscopic assistance	I	PCS

Temporary tracheostomy

0B110Z4	Bypass trachea to cutaneous, open approach	I	PCS
0B110F4	Bypass trachea to cutaneous with tracheostomy device, open approach	I	PCS
0B113Z4	Bypass trachea to cutaneous, percutaneous approach	I	PCS
0B113F4	Bypass trachea to cutaneous with tracheostomy device, percutaneous approach	I	PCS
0B114Z4	Bypass trachea to cutaneous, percutaneous endoscopic approach	I	PCS
0B114F4	Bypass trachea to cutaneous with tracheostomy device, percutaneous endoscopic approach	I	PCS

Ventilation

5A1935Z	Respiratory ventilation, less than 24 consecutive hours	I	PCS
5A1945Z	Respiratory ventilation, 24-96 consecutive hours	I	PCS
5A1955Z	Respiratory ventilation, greater than 96 consecutive hours	I	PCS

O43 Placental disorders

O43.211	Placenta accreta, first trimester	E	DX
O43.212	Placenta accreta, second trimester	E	DX
O43.213	Placenta accreta, third trimester	E	DX
O43.221	Placenta increta, first trimester	E	DX
O43.222	Placenta increta, second trimester	E	DX
O43.223	Placenta increta, third trimester	E	DX
O43.231	Placenta percreta, first trimester	E	DX
O43.232	Placenta percreta, second trimester	E	DX
O43.233	Placenta percreta, third trimester	E	DX

AOI CODE TABLES

M.4.1 UNANTICIPATED OPERATIVE PROCEDURE

Occlusion of inferior mesenteric artery

04LB0CZ	Occlusion of Inferior Mesenteric Artery with Extraluminal Device, Open Approach	I	PCS
04LB0DZ	Occlusion of Inferior Mesenteric Artery with Intraluminal Device, Open Approach	I	PCS
04LB0ZZ	Occlusion of Inferior Mesenteric Artery, Open Approach	I	PCS
04LB3CZ	Occlusion of Inferior Mesenteric Artery with Extraluminal Device, Percutaneous Approach	I	PCS
04LB3DZ	Occlusion of Inferior Mesenteric Artery with Intraluminal Device, Percutaneous Approach	I	PCS
04LB3ZZ	Occlusion of Inferior Mesenteric Artery, Percutaneous Approach	I	PCS
04LB4CZ	Occlusion of Inferior Mesenteric Artery with Extraluminal Device, Percutaneous Endoscopic Approach	I	PCS
04LB4DZ	Occlusion of Inferior Mesenteric Artery with Intraluminal Device, Percutaneous Endoscopic Approach	I	PCS
04LB4ZZ	Occlusion of Inferior Mesenteric Artery, Percutaneous Endoscopic Approach	I	PCS

Occlusion of common iliac artery

04LC0CZ	Occlusion of Right Common Iliac Artery with Extraluminal Device, Open Approach	I	PCS
04LC0DZ	Occlusion of Right Common Iliac Artery with Intraluminal Device, Open Approach	I	PCS
04LC0ZZ	Occlusion of Right Common Iliac Artery, Open Approach	I	PCS
04LC3CZ	Occlusion of Right Common Iliac Artery with Extraluminal Device, Percutaneous Approach	I	PCS
04LC3DZ	Occlusion of Right Common Iliac Artery with Intraluminal Device, Percutaneous Approach	I	PCS
04LC3ZZ	Occlusion of Right Common Iliac Artery, Percutaneous Approach	I	PCS
04LC4CZ	Occlusion of Right Common Iliac Artery with Extraluminal Device, Percutaneous Endoscopic Approach	I	PCS
04LC4DZ	Occlusion of Right Common Iliac Artery with Intraluminal Device, Percutaneous Endoscopic Approach	I	PCS
04LC4ZZ	Occlusion of Right Common Iliac Artery, Percutaneous Endoscopic Approach	I	PCS
04LD0CZ	Occlusion of Left Common Iliac Artery with Extraluminal Device, Open Approach	I	PCS
04LD0DZ	Occlusion of Left Common Iliac Artery with Intraluminal Device, Open Approach	I	PCS
04LD0ZZ	Occlusion of Left Common Iliac Artery, Open Approach	I	PCS
04LD3CZ	Occlusion of Left Common Iliac Artery with Extraluminal Device, Percutaneous Approach	I	PCS
04LD3DZ	Occlusion of Left Common Iliac Artery with Intraluminal Device, Percutaneous Approach	I	PCS
04LD3ZZ	Occlusion of Left Common Iliac Artery, Percutaneous Approach	I	PCS
04LD4CZ	Occlusion of Left Common Iliac Artery with Extraluminal Device, Percutaneous Endoscopic Approach	I	PCS
04LD4DZ	Occlusion of Left Common Iliac Artery with Intraluminal Device, Percutaneous Endoscopic Approach	I	PCS
04LD4ZZ	Occlusion of Left Common Iliac Artery, Percutaneous Endoscopic Approach	I	PCS

Occlusion of internal iliac artery

04LE0CZ	Occlusion of Right Internal Iliac Artery with Extraluminal Device, Open Approach	I	PCS
04LE0DZ	Occlusion of Right Internal Iliac Artery with Intraluminal Device, Open Approach	I	PCS
04LE0ZZ	Occlusion of Right Internal Iliac Artery, Open Approach	I	PCS
04LE3CZ	Occlusion of Right Internal Iliac Artery with Extraluminal Device, Percutaneous Approach	I	PCS
04LE3DZ	Occlusion of Right Internal Iliac Artery with Intraluminal Device, Percutaneous Approach	I	PCS
04LE3ZZ	Occlusion of Right Internal Iliac Artery, Percutaneous Approach	I	PCS
04LE4CZ	Occlusion of Right Internal Iliac Artery with Extraluminal Device, Percutaneous Endoscopic Approach	I	PCS
04LE4DZ	Occlusion of Right Internal Iliac Artery with Intraluminal Device, Percutaneous Endoscopic Approach	I	PCS
04LE4ZZ	Occlusion of Right Internal Iliac Artery, Percutaneous Endoscopic Approach	I	PCS
04LF0CZ	Occlusion of Left Internal Iliac Artery with Extraluminal Device, Open Approach	I	PCS
04LF0DZ	Occlusion of Left Internal Iliac Artery with Intraluminal Device, Open Approach	I	PCS
04LF0ZZ	Occlusion of Left Internal Iliac Artery, Open Approach	I	PCS
04LF3CZ	Occlusion of Left Internal Iliac Artery with Extraluminal Device, Percutaneous Approach	I	PCS
04LF3DZ	Occlusion of Left Internal Iliac Artery with Intraluminal Device, Percutaneous Approach	I	PCS
04LF3ZZ	Occlusion of Left Internal Iliac Artery, Percutaneous Approach	I	PCS
04LF4CZ	Occlusion of Left Internal Iliac Artery with Extraluminal Device, Percutaneous Endoscopic Approach	I	PCS
04LF4DZ	Occlusion of Left Internal Iliac Artery with Intraluminal Device, Percutaneous Endoscopic Approach	I	PCS
04LF4ZZ	Occlusion of Left Internal Iliac Artery, Percutaneous Endoscopic Approach	I	PCS

Occlusion of external iliac artery

04LH0CZ	Occlusion of Right External Iliac Artery with Extraluminal Device, Open Approach	I	PCS
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I - Inclusion E- Exclusion DX - Diagnosis Code PCS - Procedure Code

AOI CODE TABLES

M.4.1 UNANTICIPATED OPERATIVE PROCEDURE

Occlusion of external iliac artery

04LH0DZ	Occlusion of Right External Iliac Artery with Intraluminal Device, Open Approach	I	PCS
04LH0ZZ	Occlusion of Right External Iliac Artery, Open Approach	I	PCS
04LH3CZ	Occlusion of Right External Iliac Artery with Extraluminal Device, Percutaneous Approach	I	PCS
04LH3DZ	Occlusion of Right External Iliac Artery with Intraluminal Device, Percutaneous Approach	I	PCS
04LH3ZZ	Occlusion of Right External Iliac Artery, Percutaneous Approach	I	PCS
04LH4CZ	Occlusion of Right External Iliac Artery with Extraluminal Device, Percutaneous Endoscopic Approach	I	PCS
04LH4DZ	Occlusion of Right External Iliac Artery with Intraluminal Device, Percutaneous Endoscopic Approach	I	PCS
04LH4ZZ	Occlusion of Right External Iliac Artery, Percutaneous Endoscopic Approach	I	PCS
04LJ0CZ	Occlusion of Left External Iliac Artery with Extraluminal Device, Open Approach	I	PCS
04LJ0DZ	Occlusion of Left External Iliac Artery with Intraluminal Device, Open Approach	I	PCS
04LJ0ZZ	Occlusion of Left External Iliac Artery, Open Approach	I	PCS
04LJ3CZ	Occlusion of Left External Iliac Artery with Extraluminal Device, Percutaneous Approach	I	PCS
04LJ3DZ	Occlusion of Left External Iliac Artery with Intraluminal Device, Percutaneous Approach	I	PCS
04LJ3ZZ	Occlusion of Left External Iliac Artery, Percutaneous Approach	I	PCS
04LJ4CZ	Occlusion of Left External Iliac Artery with Extraluminal Device, Percutaneous Endoscopic Approach	I	PCS
04LJ4DZ	Occlusion of Left External Iliac Artery with Intraluminal Device, Percutaneous Endoscopic Approach	I	PCS
04LJ4ZZ	Occlusion of Left External Iliac Artery, Percutaneous Endoscopic Approach	I	PCS

Control bleeding

0W3F0ZZ	Control Bleeding in Abdominal Wall, Open Approach	I	PCS
0W3F3ZZ	Control Bleeding in Abdominal Wall, Percutaneous Approach	I	PCS
0W3F4ZZ	Control Bleeding in Abdominal Wall, Percutaneous Endoscopic Approach	I	PCS
0W3G3ZZ	Control Bleeding in Peritoneal Cavity, Percutaneous Approach	I	PCS
0W3G4ZZ	Control Bleeding in Peritoneal Cavity, Percutaneous Endoscopic Approach	I	PCS
0W3H3ZZ	Control Bleeding in Retroperitoneum, Percutaneous Approach	I	PCS
0W3H4ZZ	Control Bleeding in Retroperitoneum, Percutaneous Endoscopic Approach	I	PCS
0W3J0ZZ	Control Bleeding in Pelvic Cavity, Open Approach	I	PCS
0W3J3ZZ	Control Bleeding in Pelvic Cavity, Percutaneous Approach	I	PCS
0W3J4ZZ	Control Bleeding in Pelvic Cavity, Percutaneous Endoscopic Approach	I	PCS
0W3N0ZZ	Control Bleeding in Female Perineum, Open Approach	I	PCS
0W3N3ZZ	Control Bleeding in Female Perineum, Percutaneous Approach	I	PCS
0W3N4ZZ	Control Bleeding in Female Perineum, Percutaneous Endoscopic Approach	I	PCS
0W3P3ZZ	Control Bleeding in Gastrointestinal Tract, Percutaneous Approach	I	PCS
0W3P4ZZ	Control Bleeding in Gastrointestinal Tract, Percutaneous Endoscopic Approach	I	PCS
0W3R0ZZ	Control Bleeding in Genitourinary Tract, Open Approach	I	PCS
0W3R3ZZ	Control Bleeding in Genitourinary Tract, Percutaneous Approach	I	PCS
0W3R4ZZ	Control Bleeding in Genitourinary Tract, Percutaneous Endoscopic Approach	I	PCS
0W3R7ZZ	Control Bleeding in Genitourinary Tract, Via Natural or Artificial Opening	I	PCS
0W3R8ZZ	Control Bleeding in Genitourinary Tract, Via Natural or Artificial Opening Endoscopic	I	PCS
0Y300ZZ	Control Bleeding in Right Buttock, Open Approach	I	PCS
0Y303ZZ	Control Bleeding in Right Buttock, Percutaneous Approach	I	PCS
0Y304ZZ	Control Bleeding in Right Buttock, Percutaneous Endoscopic Approach	I	PCS
0Y310ZZ	Control Bleeding in Left Buttock, Open Approach	I	PCS
0Y313ZZ	Control Bleeding in Left Buttock, Percutaneous Approach	I	PCS
0Y314ZZ	Control Bleeding in Left Buttock, Percutaneous Endoscopic Approach	I	PCS
0Y350ZZ	Control Bleeding in Right Inguinal Region, Open Approach	I	PCS
0Y353ZZ	Control Bleeding in Right Inguinal Region, Percutaneous Approach	I	PCS
0Y354ZZ	Control Bleeding in Right Inguinal Region, Percutaneous Endoscopic Approach	I	PCS
0Y360ZZ	Control Bleeding in Left Inguinal Region, Open Approach	I	PCS
0Y363ZZ	Control Bleeding in Left Inguinal Region, Percutaneous Approach	I	PCS
0Y364ZZ	Control Bleeding in Left Inguinal Region, Percutaneous Endoscopic Approach	I	PCS

I - Inclusion E - Exclusion DX - Diagnosis Code PCS - Procedure Code

AOI CODE TABLES

M.4.1 UNANTICIPATED OPERATIVE PROCEDURE

Repair abdominal wall

0WQFXZZ	Repair abdominal wall, external approach	I	PCS
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Extirpation of matter

0UCG0ZZ	Extirpation of matter from vagina, open approach	I	PCS
0UCG3ZZ	Extirpation of matter from vagina, percutaneous approach	I	PCS
0UCG4ZZ	Extirpation of matter from vagina, percutaneous endoscopic approach	I	PCS
0UCM0ZZ	Extirpation of matter from vulva, open approach	I	PCS

Hysterectomy

0UT90ZZ	Resection of uterus, open approach	I	PCS
0UT94ZZ	Resection of uterus, percutaneous endoscopic approach	I	PCS
0UT97ZZ	Resection of uterus, via natural or artificial opening	I	PCS
0UT98ZZ	Resection of uterus, via natural or artificial opening endoscopic	I	PCS
0UT9FZZ	Resection of uterus, via natural or artificial opening with percutaneous endoscopic assistance	I	PCS

Extraction of retained products of conception

10D17ZZ	Extraction of products of conception, retained, via natural or artificial opening	I	PCS
10D18ZZ	Extraction of products of conception, retained, via natural or artificial opening endoscopic	I	PCS

O43 Placental disorders

O43.211	Placenta accreta, first trimester	E	DX
O43.212	Placenta accreta, second trimester	E	DX
O43.213	Placenta accreta, third trimester	E	DX
O43.221	Placenta increta, first trimester	E	DX
O43.222	Placenta increta, second trimester	E	DX
O43.223	Placenta increta, third trimester	E	DX
O43.231	Placenta percreta, first trimester	E	DX
O43.232	Placenta percreta, second trimester	E	DX
O43.233	Placenta percreta, third trimester	E	DX

C53 Malignant neoplasm of cervix uteri

C53.0	Malignant neoplasm of endocervix	E	DX
C53.1	Malignant neoplasm of exocervix	E	DX
C53.8	Malignant neoplasm of overlapping sites of cervix uteri	E	DX
C53.9	Malignant neoplasm of cervix uteri, unspecified	E	DX

AOI CODE TABLES

M.5.1 MATERNAL BLOOD TRANSFUSION

Codes in M.5.1 align with transfusion codes used to identify Severe Maternal Morbidity (SMM) as recommended by the Alliance for Innovation on Maternal Health (AIM)

Transfusion of nonautologous whole blood

30233H1	Transfusion of nonautologous whole blood into peripheral vein, percutaneous approach	I	PCS
30240H1	Transfusion of nonautologous whole blood into central vein, open approach	I	PCS
30243H1	Transfusion of nonautologous whole blood into central vein, percutaneous approach	I	PCS

Transfusion of nonautologous frozen plasma

30233K1	Transfusion of nonautologous frozen plasma into peripheral vein, percutaneous approach	I	PCS
30240K1	Transfusion of nonautologous frozen plasma into central vein, open approach	I	PCS
30243K1	Transfusion of nonautologous frozen plasma into central vein, percutaneous approach	I	PCS

Transfusion of nonautologous fresh plasma

30233L1	Transfusion of nonautologous fresh plasma into peripheral vein, percutaneous approach	I	PCS
30240L1	Transfusion of nonautologous fresh plasma into central vein, open approach	I	PCS
30243L1	Transfusion of nonautologous fresh plasma into central vein, percutaneous approach	I	PCS

Transfusion of nonautologous plasma cryoprecipitate

30233M1	Transfusion of nonautologous plasma cryoprecipitate into peripheral vein, percutaneous approach	I	PCS
30240M1	Transfusion of nonautologous plasma cryoprecipitate into central vein, open approach	I	PCS
30243M1	Transfusion of nonautologous plasma cryoprecipitate into central vein, percutaneous approach	I	PCS

Transfusion of nonautologous red blood cells

30233N1	Transfusion of nonautologous red blood cells into peripheral vein, percutaneous approach	I	PCS
30240N1	Transfusion of nonautologous red blood cells into central vein, open approach	I	PCS
30243N1	Transfusion of nonautologous red blood cells into central vein, percutaneous approach	I	PCS

Transfusion of nonautologous frozen red cells

30233P1	Transfusion of nonautologous frozen red cells into peripheral vein, percutaneous approach	I	PCS
30240P1	Transfusion of nonautologous frozen red cells into central vein, open approach	I	PCS
30243P1	Transfusion of nonautologous frozen red cells into central vein, percutaneous approach	I	PCS

Transfusion of nonautologous platelets

30233R1	Transfusion of nonautologous platelets into peripheral vein, percutaneous approach	I	PCS
30240R1	Transfusion of nonautologous platelets into central vein, open approach	I	PCS
30243R1	Transfusion of nonautologous platelets into central vein, percutaneous approach	I	PCS

Transfusion of nonautologous fibrinogen

30233T1	Transfusion of nonautologous fibrinogen into peripheral vein, percutaneous approach	I	PCS
30240T1	Transfusion of nonautologous fibrinogen into central vein, open approach	I	PCS
30243T1	Transfusion of nonautologous fibrinogen into central vein, percutaneous approach	I	PCS

Transfusion of autologous red blood cells

30233N0	Transfusion of autologous red blood cells into peripheral vein, percutaneous approach	I	PCS
30240N0	Transfusion of autologous red blood cells into central vein, open approach	I	PCS
30243N0	Transfusion of autologous red blood cells into central vein, percutaneous approach	I	PCS

Transfusion of autologous frozen red cells

30233P0	Transfusion of autologous frozen red cells into peripheral vein, percutaneous approach	I	PCS
30240P0	Transfusion of autologous frozen red cells into central vein, open approach	I	PCS
30243P0	Transfusion of autologous frozen red cells into central vein, percutaneous approach	I	PCS

Introduction of other therapeutic substance

3E030GC	Introduction of other therapeutic substance into peripheral vein, open approach	I	PCS
3E033GC	Introduction of other therapeutic substance into peripheral vein, percutaneous approach	I	PCS
3E040GC	Introduction of other therapeutic substance into central vein, open approach	I	PCS
3E043GC	Introduction of other therapeutic substance into central vein, percutaneous approach	I	PCS
3E050GC	Introduction of other therapeutic substance into peripheral artery, open approach	I	PCS
3E053GC	Introduction of other therapeutic substance into peripheral artery, percutaneous approach	I	PCS
3E060GC	Introduction of other therapeutic substance into central artery, open approach	I	PCS

Introduction of other therapeutic substance

3E063GC	Introduction of other therapeutic substance into central artery, percutaneous approach	I	PCS
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AOI CODE TABLES

M.6.1 4TH DEGREE PERINEAL LACERATION

O70 Perineal laceration during delivery

O70.3	Fourth degree perineal laceration during delivery	I	DX
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O66 Other obstructed labor

O66.0	Obstructed labor due to shoulder dystocia	E	DX
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I - Inclusion E- Exclusion DX - Diagnosis Code PCS - Procedure Code