

Neonatology ICD-10 documentation

Seven key impacts to ICD-10 documentation

1. Disease or disorder site
2. Acuity and/or encounter status of treatment
3. Etiology, causative agent, or disease type and injury/
poisoning cause, intent, activity at the time of the event
and place event occurred
4. Underlying and associated conditions
5. Manifestations
6. Complications or adverse events
7. Supporting info such as lab values or socioeconomic key
impacts to ICD-10 documentation

Most commonly used diagnoses

ICD-9 Name	ICD-9 Code	ICD-10 Code	ICD-10 Name	Documentation tips
Acute respiratory failure	518.81	J96.02	Acute respiratory failure with hypercapnia	Respiratory Failure <ul style="list-style-type: none"> • Specify acuity (acute, chronic, acute and chronic) • Differentiate respiratory failure from respiratory distress syndrome, respiratory arrest and post-procedural respiratory failure • Detail if hypoxia or hypercapnia accompany respiratory failure • List any related smoke exposure (e.g. second hand)
		J96.01	Acute respiratory failure with hypoxia	
		J96.00	Acute respiratory failure, unspecified whether with hypoxia or hypercapnia	
		J96.92	Respiratory failure, unspecified with hypercapnia	
		J96.91	Respiratory failure, unspecified with hypoxia	
		J96.90	Respiratory failure, unspecified, unspecified whether with hypoxia or hypercapnia	
Acute respiratory failure following trauma and surgery	518.51	J95.821	Acute postprocedural respiratory failure	
		J96.02	Acute respiratory failure with hypercapnia	
		J96.01	Acute respiratory failure with hypoxia	
		J96.00	Acute respiratory failure, unspecified whether with hypoxia or hypercapnia	
Acute tracheitis without mention of obstruction	464.10	J04.10	Acute tracheitis without obstruction	Refer to 7 Key Impacts of ICD-10 Documentation
Anomalies of diaphragm, congenital	756.6	Q79.0	Congenital diaphragmatic hernia	
		Q79.1	Other congenital malformations of diaphragm	
Anomalies of intestinal fixation, congenital	751.4	Q43.3	Congenital malformations of intestinal fixation	



ICD-9 Name	ICD-9 Code	ICD-10 Code	ICD-10 Name	Documentation tips
Anoxic brain damage	348.1	G93.1	Anoxic brain damage, not elsewhere classified	
Atresia and stenosis of large intestine, rectum, and anal canal, congenital	751.2	Q42.2	Congenital absence, atresia and stenosis of anus with fistula	Atresia and Stenosis Large Intestine <ul style="list-style-type: none"> • Identify site: <ul style="list-style-type: none"> o Large Intestine <ul style="list-style-type: none"> - Anus (with/without fistula) - Rectum (with/without fistula) - Other and Unspecified part(s) of large intestine
		Q42.3	Congenital absence, atresia and stenosis of anus without fistula	
		Q42.9	Congenital absence, atresia and stenosis of large intestine, part unspecified	
		Q42.8	Congenital absence, atresia and stenosis of other parts of large intestine	
		Q42.0	Congenital absence, atresia and stenosis of rectum with fistula	
		Q42.1	Congenital absence, atresia and stenosis of rectum without fistula	
Chronic respiratory disease arising in the perinatal period	770.7	P27.1	Bronchopulmonary dysplasia originating in the perinatal period	Refer to 7 Key Impacts of ICD-10 Documentation
		P27.8	Other chronic respiratory diseases originating in the perinatal period	
		P27.9	Unspecified chronic respiratory disease originating in the perinatal period	
		P27.0	Wilson-Mikity syndrome	
Convulsions in newborn	779.0	P90	Convulsions of newborn	
Drug withdrawal	292.0	F14.23	Cocaine dependence with withdrawal	
		F17.203	Nicotine dependence unspecified, with withdrawal	
		F17.223	Nicotine dependence, chewing tobacco, with withdrawal	
		F17.213	Nicotine dependence, cigarettes, with withdrawal	
		F17.293	Nicotine dependence, other tobacco product, with withdrawal	
		F11.23	Opioid dependence with withdrawal	
		F11.93	Opioid use, unspecified with withdrawal	
		F19.231	Other psychoactive substance dependence with withdrawal delirium	
		F19.232	Other psychoactive substance dependence with withdrawal with perceptual disturbance	
		F19.230	Other psychoactive substance dependence with withdrawal, uncomplicated	
		F19.239	Other psychoactive substance dependence with withdrawal, unspecified	
		F19.931	Other psychoactive substance use, unspecified with withdrawal delirium	
F19.932	Other psychoactive substance use, unspecified with withdrawal with perceptual disturbance			

ICD-9 Name	ICD-9 Code	ICD-10 Code	ICD-10 Name	Documentation tips
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		F19.930	Other psychoactive substance use, unspecified with withdrawal, uncomplicated	
		F19.939	Other psychoactive substance use, unspecified with withdrawal, unspecified	
		F15.23	Other stimulant dependence with withdrawal	
		F15.93	Other stimulant use, unspecified with withdrawal	
		F13.231	Sedative, hypnotic or anxiolytic dependence with withdrawal delirium	
		F13.232	Sedative, hypnotic or anxiolytic dependence with withdrawal with perceptual disturbance	
		F13.230	Sedative, hypnotic or anxiolytic dependence with withdrawal, uncomplicated	
		F13.239	Sedative, hypnotic or anxiolytic dependence with withdrawal, unspecified	
		F13.931	Sedative, hypnotic or anxiolytic use, unspecified with withdrawal delirium	
		F13.932	Sedative, hypnotic or anxiolytic use, unspecified with withdrawal with perceptual disturbances	
		F13.930	Sedative, hypnotic or anxiolytic use, unspecified with withdrawal, uncomplicated	
		F13.939	Sedative, hypnotic or anxiolytic use, unspecified with withdrawal, unspecified	
Dysphagia, unspecified	787.20	R13.0	Aphagia	
		R13.10	Dysphagia, unspecified	
Esophageal reflux	530.81	K21.9	Gastro-esophageal reflux disease without esophagitis	
Gastroschisis	756.73	Q79.3	Gastroschisis	
Hirschsprung's disease and other congenital functional disorders of colon	751.3	Q43.1	Hirschsprung's disease	
		Q43.2	Other congenital functional disorders of colon	
Hydronephrosis	591	N13.2	Hydronephrosis with renal and ureteral calculous obstruction	
		N13.1	Hydronephrosis with ureteral stricture, not elsewhere classified	
		N13.39	Other hydronephrosis	
		N13.30	Unspecified hydronephrosis	
Hypotension, unspecified	458.9	I95.9	Hypotension, unspecified	
Hypoxic-ischemic encephalopathy, unspecified	768.70	P91.60	Hypoxic ischemic encephalopathy [HIE], unspecified	

ICD-9 Name	ICD-9 Code	ICD-10 Code	ICD-10 Name	Documentation tips
Intracerebral hemorrhage	431	I61.3	Nontraumatic intracerebral hemorrhage in brain stem	<ul style="list-style-type: none"> Specify whether traumatic (detail cause) or non-traumatic hemorrhage Specify site: brain stem, cerebellum, hemisphere (cortical, subcortical, unspecified), intraventricular, multiple localized, unspecified
		I61.4	Nontraumatic intracerebral hemorrhage in cerebellum	
		I61.1	Nontraumatic intracerebral hemorrhage in hemisphere, cortical	
		I61.0	Nontraumatic intracerebral hemorrhage in hemisphere, subcortical	
		I61.2	Nontraumatic intracerebral hemorrhage in hemisphere, unspecified	
		I61.5	Nontraumatic intracerebral hemorrhage, intraventricular	
		I61.6	Nontraumatic intracerebral hemorrhage, multiple localized	
		I61.9	Nontraumatic intracerebral hemorrhage, unspecified	
		I61.8	Other nontraumatic intracerebral hemorrhage	
Intraventricular hemorrhage, Grade III	772.13	P52.21	Intraventricular (nontraumatic) hemorrhage, grade 3, of newborn	<ul style="list-style-type: none"> Specify whether traumatic (detail cause) or non-traumatic hemorrhage Specify grade (1, 2, 3 or 4)
Intraventricular hemorrhage, Grade IV	772.14	P52.22	Intraventricular (nontraumatic) hemorrhage, grade 4, of newborn	
Intraventricular hemorrhage, unspecified grade	772.10	P10.2	Intraventricular hemorrhage due to birth injury	
		P52.3	Unspecified intraventricular (nontraumatic) hemorrhage of newborn	
Meconium aspiration with respiratory symptoms	770.12	P24.01	Meconium aspiration with respiratory symptoms	Refer to 7 Key Impacts of ICD-10 Documentation
Meconium obstruction in fetus or newborn	777.1	P76.0	Meconium plug syndrome	
Methicillin susceptible Staphylococcus aureus septicemia	038.11	A41.0	Sepsis due to Staphylococcus aureus	<p>Sepsis</p> <ul style="list-style-type: none"> Detail the underlying systemic type or causal organism Do not use the term urosepsis as there is no associated code. Additional information regarding the specific condition is required Report circulatory failure and sepsis that are related as being septic shock List the sepsis onset (e.g., at admission or during admission) Severe sepsis must be listed as such, and show evidence of acute organ dysfunction <ul style="list-style-type: none"> State the relationship between the acute organ dysfunction and sepsis

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Necrotizing enterocolitis in newborn, unspecified	777.50	P77.9	Necrotizing enterocolitis in newborn, unspecified	Refer to 7 Key Impacts of ICD-10 Documentation	
Observation and evaluation of newborn for suspected infectious condition	V29.0	P00.2	Newborn (suspected to be) affected by maternal infectious and parasitic diseases		
Obstructive hydrocephalus	331.4	G91.9	Hydrocephalus, unspecified		
		G91.1	Obstructive hydrocephalus		
		G91.8	Other hydrocephalus		
		G91.3	Post-traumatic hydrocephalus, unspecified		
Omphalocele	756.72	Q79.2	Exomphalos		
Other and unspecified postsurgical nonabsorption	579.3	K91.2	Postsurgical malabsorption, not elsewhere classified		
Other complication of colostomy and enterostomy	569.69	K94.01	Colostomy hemorrhage		
		K94.11	Enterostomy hemorrhage		
		K94.09	Other complications of colostomy		
		K94.19	Other complications of enterostomy		
Other respiratory problems after birth	770.89	P22.8	Other respiratory distress of newborn		
		P28.89	Other specified respiratory conditions of newborn		
		P22.9	Respiratory distress of newborn, unspecified		
Other specified disorders of biliary tract	576.8	K83.5	Biliary cyst		
		K87	Disorders of gallbladder, biliary tract and pancreas in diseases classified elsewhere		
		K83.8	Other specified diseases of biliary tract		
Patent ductus arteriosus	747.0	Q25.0	Patent ductus arteriosus		
Perforation of intestine	569.83	K63.1	Perforation of intestine (nontraumatic)		
Perinatal intestinal perforation	777.6	P78.0	Perinatal intestinal perforation		
Persistent fetal circulation	747.83	P29.3	Persistent fetal circulation		
Primary apnea of newborn	770.81	P28.3	Primary sleep apnea of newborn		
Retinopathy of prematurity, unspecified	362.20	H35.103	Retinopathy of prematurity, unspecified, bilateral		• Specify laterality (bilateral, left eye, right eye, unspecified eye)
		H35.102	Retinopathy of prematurity, unspecified, left eye		
		H35.101	Retinopathy of prematurity, unspecified, right eye		
		H35.109	Retinopathy of prematurity, unspecified, unspecified eye		

ICD-9 Name	ICD-9 Code	ICD-10 Code	ICD-10 Name	Documentation tips
Spina bifida, without mention of hydrocephalus, unspecified region	741.90	Q07.01	Arnold-Chiari syndrome with spina bifida	Refer to 7 Key Impacts of ICD-10 Documentation
		Q07.00	Arnold-Chiari syndrome without spina bifida or hydrocephalus	
		Q05.8	Sacral spina bifida without hydrocephalus	
		Q05.9	Spina bifida, unspecified	
Stage I necrotizing enterocolitis in newborn	777.51	P77.1	Stage 1 necrotizing enterocolitis in newborn	• Specify Stage 1, 2 or 3
Stage II necrotizing enterocolitis in newborn	777.52	P77.2	Stage 2 necrotizing enterocolitis in newborn	
Stage III necrotizing enterocolitis in newborn	777.53	P77.3	Stage 3 necrotizing enterocolitis in newborn	
Stridor	786.1	R06.1	Stridor	Refer to 7 Key Impacts of ICD-10 Documentation
Tracheoesophageal fistula	530.84	J86.0	Pyothorax with fistula	
Tracheoesophageal fistula, esophageal atresia and stenosis, congenital	750.3	Q39.1	Atresia of esophagus with tracheo-esophageal fistula	
		Q39.0	Atresia of esophagus without fistula	
		Q39.3	Congenital stenosis and stricture of esophagus	
		Q39.2	Congenital tracheo-esophageal fistula without atresia	
		Q39.4	Esophageal web	
Unspecified intestinal obstruction	560.9	K50.812	Crohn's disease of both small and large intestine with intestinal obstruction	
		K50.112	Crohn's disease of large intestine with intestinal obstruction	
		K50.012	Crohn's disease of small intestine with intestinal obstruction	
		K50.912	Crohn's disease, unspecified, with intestinal obstruction	
		K56.60	Unspecified intestinal obstruction	
Ventricular septal defect	745.4	Q21.0	Ventricular septal defect	

The ICD-10 Provider Specialty Tool Kit is meant to assist providers with documentation best practices necessary for the transition from ICD-9-CM to ICD-10-CM. This tool kit includes the most commonly used diagnoses for a specialty using 2012 claims data for top encounters and top number of dollars per diagnosis. The tool kit can be used as a quick reference guide for providers and can also be shared with Practice Managers. This tool kit is not meant to be a coding cross walk and therefore should not be used as such. Questions regarding this tool kit and/or ICD-10 should be submitted via email to ICD10@choa.org.