



Learning Objectives

- At completion of this education activity, the learner will be able to:
 - Explain neonatal terminology and clinical concepts
 - Describe official coding guidelines that apply to neonates
 - Apply evidence found in the medical record to formulate a compliant query

PE-

Image: https://commons.wikimedia.org/wiki/Category:Bable

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Neonates

- A live birth with evidence of any of the following, regardless of the duration of the pregnancy
 - One breath
 - One heartbeat
 - Pulsation of the umbilical cord
 - Definite movement of voluntary muscle, whether the umbilical cord has been cut, or the placenta remains attached



Neonatal Terminology

- Newborn/neonate
 - Age ranges from birth to 28 days
- Anomaly
 - Developmental deformity
- Congenital
 - Condition present at birth, however, may not manifest until later in life

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Neonatal Coding Guidelines

- Newborn/perinatal conditions are never reported on the mother's record, and likewise, pregnancy conditions are never reported on the neonate's record
- Perinatal/congenital conditions may be reported throughout the life of the patient if the condition continues to be present
- Additional codes may be used along with the perinatal codes to provide more specific detail about the condition being reported

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Neonatal Coding Guidelines

- Capture all neonatal conditions documented within the medical record
 - Capture signs and symptoms when a definitive diagnosis has not been established
- Code P96.89, Other specified condition originating in the perinatal period, may be used to report conditions that do not have a specific code in the coding index, along with any additional codes to provide further specificity about that condition



Neonatal Coding Guidelines

- If a newborn develops a condition that is not designated as due to the birth process or communityacquired, the default for reporting is due to the birth process
 - Query opportunity for clarification
- The principal diagnosis (PDx) is a perinatal code when the condition meets the definition of PDx

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Neonatal Coding Guidelines

- Capture all clinically significant conditions as documented within the medical record. Clinically significant conditions are defined as:
 - Requiring any of the following:
 - Clinical evaluation
 - Therapeutic treatment
 - Diagnostic procedures
 - Greater length of stay in the hospital
 - Increased nursing care and/or monitoring
 - Having implications for the future healthcare needs of the patient
- Insignificant conditions or signs/symptoms that resolve without treatment are not captured for reporting

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Case Example

During a physical examination of a post-term newborn, an abnormal noise was heard in the L hip. The pediatrician would like to follow the patient after discharge, as a hip click can be an early sign of hip dysplasia. The newborn was delivered via cesarean @ 41 weeks.

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Case Exan	nple		ì	<u>Vacdis</u>
• Z38.01	Single livel	orn infant	, delivered by ce	sarean
• P08.21	Post-term	infant		
• R29.4	Clicking hip)		
Princip	al Dx	Z38.01	Z38.01	
Second	dary Dx	P08.21	P08.21	
			R29.4	
Medica	are DRG	795	794	
RW		0.1771	1.3084	
3M AP	R-DRG	640	640	
SOI		1	1	
ROM		1	1	
RW		0.1033	0.1033	

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Neonatal Coding Guidelines

- Code Z38- is assigned as PDx for neonates born at the hospital
 - Z38- is never assigned as a secondary dx, and is assigned only once to the newborn at the time of birth
- When a neonate is transferred to another facility, the PDx is the condition that necessitated the transfer at the receiving hospital
 - Examples include prematurity, respiratory distress syndrome

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Case Example

Newborn delivered via vaginal delivery in Hospital A, experienced meconium aspiration resulting in pneumonia, requiring transfer to Hospital B.

Hospital A reports:

Z38.00 Single liveborn infant, vaginal delivery
 P24.01 Meconium aspiration with respiratory symptoms

Hospital B reports:

P24.01 Meconium aspiration with respiratory symptoms

Case E	xample			Vacdis
No diff	erence in DRG	assignments	:	
		Hospital A	Hospital B	
	Principal Dx	Z38.00	P24.01	
	Secondary Dx	P24.01		
	Medicare DRG	793	793	
	RW	3.6967	3.6967	
	3M APR-DRG	634	634	
	SOI	1	1	
	ROM	1	1	
	RW	0.5216	0.5216	
Later Inc.				13

Neonatal Coding Guidelines
 P36 Bacterial sepsis of newborn includes congenital sepsis Use additional codes when applicable to identify severe sepsis (R65.2-) and associated acute organ dysfunction(s)
Subdivisions of code P36 allow for the capture of these specific organisms Streptococci Staphylococci E. coli Anaerobes
 If a P36 code does not include the causal organism, assign an additional code from category B96 to identify the organism Specificity of the organism may impact severity of illness/risk of mortality
14

Case Example A full-term infant develops severe sepsis within 24 hours of discharge from the hospital and is readmitted; cultures identify Streptococcus, group B, as the infective agent. P36.0 Sepsis of newborn due to streptococcus, group B R65.20 Severe sepsis without septic shock Medicare DRG 793 RW 3.6967 3M APR-DRG 636 SOI 1 ROOM 1 RW 0.7059



Neonatal Coding Guidelines

- Since providers may use different criteria in determining prematurity, capture only when documented by the physician
- Assignment of codes in categories P05, Disorders of newborn related to slow fetal growth and fetal malnutrition, and P07, Disorders of newborn related to short gestation and low birth weight, not elsewhere classified, should be based on the recorded birth weight and estimated gestational age
 - Codes from category P05 should not be assigned with codes from category P07
 - When both birth weight and gestational age are available, two codes from category P07 should be assigned, with the code for birth weight sequenced before the code for gestational age

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Maturity Levels

- Extreme immaturity: Less than 28 completed weeks of gestation
 - P07.20-P07.26
- Prematurity: 28 completed weeks or more but less than 37 completed weeks of gestation
 - P07.30-P07.39
- Full-term: Delivered 37–40 completed weeks of gestation
- Post-term: Delivered 40–42 completed weeks of gestation
- Prolonged gestation of newborn (post-maturity): Delivered
 42 completed weeks of gestation
 - P08.22
- 5th character in P07.2 and P07.3 identifies gestational age

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Low Birth Weight & Immaturity Status

 Codes from category P07, Disorders of newborn related to short gestation and low birth weight, not elsewhere classified, are for use for a child or adult who was premature or had a low birth weight as a newborn and whose current health status is being affected by this condition

18

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Neonatal Coding Guidelines

- Assign a code from category Z05, Observation and evaluation of newborns and infants for suspected conditions ruled out, to identify those instances when a healthy newborn is evaluated for a suspected condition that is determined after study not to be present
 - Do not use a code from category Z05 when the patient has identified signs or symptoms of a suspected problem; in such cases, code the sign or symptom



Use of Codes From Chapter 16 After the Perinatal Period



 Conditions that originate in the perinatal period and continue throughout the life of the patient are reported with a perinatal code regardless of the patient's age

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Case Example

A 12-year-old patient with a history of birth injury that resulted in Erb's palsy is seen for subscapularis release.

P14.0 Erb's paralysis due to birth injury

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Chapter-Specific Coding Guidelines

- If a maternal condition has had an effect on the fetus or newborn, then a code from P00–P04, Maternal causes of perinatal morbidity and mortality, is captured on the newborn's record
 - Code first any current condition in the newborn



Case Example

A newborn is admitted following cesarean delivery and diagnosed with hypermagnesemia, due to the mother's treatment with magnesium sulfate for pregnancy-related eclampsia prior to delivery.

23

Wacdis Case Example Z38.01 Single liveborn infant, cesarean delivery P71.8 Other transitory neonatal disorders of calcium and magnesium metabolism P04.1 Newborn affected by other maternal medication Principal Dx Z38.01 Z38.01 Z38.01 Secondary Dx P71.8 P71.8 P04.1 Medicare DRG 795 793 793 0.1771 3.6967 3.697 3M APR-DRG 640 639 639 ROM 0.4082 RW 0.1033 0.647

Case Example	dis
A newborn delivered of a mother addicted to cocaine shows no sign of dependence, but a drug screen is positive.	
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Case Exa	mple			Vacdis
Z38.00 P04.41	Single liveb Newborn a cocaine		. •	•
	Principal Dx Secondary Dx	Z38.00	Z38.00 P04.41	
	Medicare DRG RW	795 0.1771	794 1.3084	
	3M APR-DRG SOI ROM RW	640 1 1 0.1033	640 2 1 0.1529	

The fact that the mother has a related medical condition or has experienced a complication of pregnancy, labor, or delivery does not warrant assignment of a code from these categories on the newborn's record. When a specific condition in the infant that resulted from the mother's condition is identified, a code for that condition is assigned, rather than a code from categories P00 through P04: Infants born to diabetic mothers sometimes experience transient abnormally low blood glucose level (hypoglycemia), classified to P70.1, Syndrome of infant of a diabetic mother Others may have a transient diabetic state (hyperglycemia), sometimes referred to as pseudodiabetes, which is coded as P70.2, Neonatal diabetes mellitus

Wacdis Case Example P70.1 Syndrome of infant of a diabetic mother P70.2 Neonatal diabetes mellitus Principal Dx Z38.00 Z38.00 P70.1 P70.2 Secondary Dx Medicare DRG 794 793 1.3084 3.697 3M APR-DRG 640 639 ROM

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Do Not Assign Codes P00-P04

- A living child born to a diabetic mother in a term birth and delivered by cesarean section is coded as
 - Z38.01, Single liveborn infant, delivered by cesarean
- No code from the series P00 through P04 is assigned because the medical record does not document a problem affecting the newborn

29

Congenital Anomalies (Developmental Deformities)



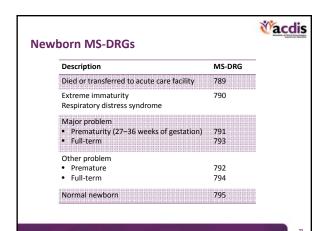
- If any congenital anomaly is documented, assign the appropriate code from categories Q00–Q99 (Congenital anomaly). It is also appropriate to assign codes from other chapters to specify conditions associated with the anomaly, if applicable.
- The congenital anomaly may be sequenced as the principal or secondary diagnosis depending on the circumstances of admission.
- If there is no unique code assignment for the congenital anomaly, assign codes for any documented manifestations that are present.

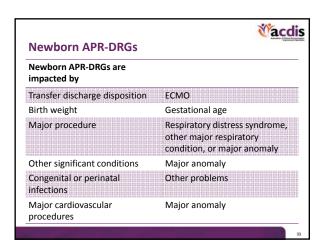
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Congenital Anomalies (cont.)

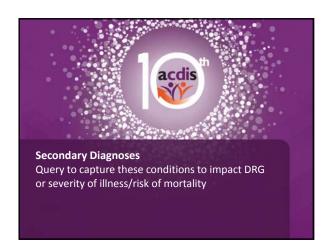
- When there is a code that specifically identifies the anomaly, it is appropriate to assign codes for manifestations that are not inherent to the anomaly
 - However, do not assign codes for manifestations that are inherent to the congenital anomaly
- Congenital anomaly codes may be used throughout the life of the patient when documented by the physician
- If the congenital anomaly has been fully corrected, assign a personal history code for the anomaly





with Major Problems	
Major problems include	
Bacteremia	Birth trauma such as epicranial subaponeurotic hemorrhage or subdural/cerebral hemorrhage
Electrolyte disturbances	Congenital pneumonia
Aspiration of blood, amniotic fluid, milk or regurgitated food, meconium	Congenital viral diseases such as rubella, cytomegalovirus, herpesviral
Persistent fetal circulation	Convulsions
Bacterial sepsis	Drug withdrawal syndrome
Respiratory failure	Drug withurawai synurome

Impact DRG Assignment	
Includes other significant problems such as	
ABO/Rh Incompatibility	Hypo/hyperthermia
Bradycardia	Hypoperfusion
Fetal alcohol syndrome	Meconium passage during delivery or staining
Fetal distress	Newborn light or small for gestational age, less than 1,999 grams
Hypoxic ischemic encephalopathy, unspecified or mild	Patent ductus arteriosus



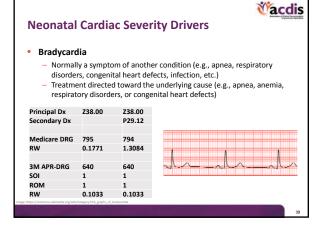
Compliant Queries

- Present the evidence found within the record in the form of a question, and include:
 - Clinical evidence (signs, symptoms, lab results, x-ray findings, etc.) and where found within the record (use the entire record for clues)

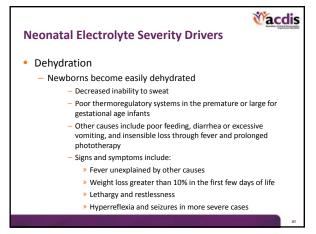
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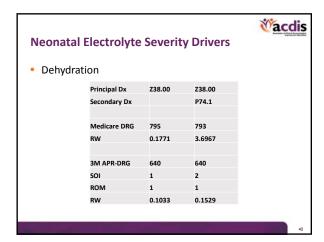
- Treatment plan, including
 - Monitoring (repeat labs, x-rays, etc.)
 - Treating (medications, therapies, etc.)
 - Evaluating (consultations, etc.)
 - OR
 - Impact on length of stay
 - Implications for future healthcare needs
- Request a corresponding diagnosis be documented in the body of the medical record if appropriate, based on the physician's clinical judgement



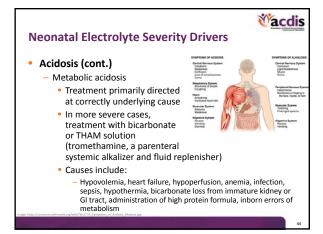


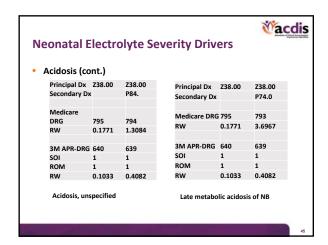
Neonatal Cardiac Severi	ty Drivers		<i><u>wacdis</u></i>
Hypoperfusion			
Common condition in the prem: Sometimes used in place of sho Found in nearly 1/3 of very low Treatment with controlled fluid May be evidenced by elevated s Even with poor perfusion,	ck or hypotensic birth weight infa resuscitation an	ants d/or use of	
vascular tone is maintained,	Principal Dx	Z38.00	Z38.00
resulting in hypotension being			
	Secondary Dx		P96.89
a late presentation in a	Secondary Dx		P96.89
	Secondary Dx Medicare DRG	795	P96.89
a late presentation in a hypoperfused infant	ĺ	795 0.1771	
a late presentation in a hypoperfused infant Other symptomatology	Medicare DRG RW		794
a late presentation in a hypoperfused infant	Medicare DRG		794 1.3084
a late presentation in a hypoperfused infant Other symptomatology	Medicare DRG RW	0.1771	794 1.3084
a late presentation in a hypoperfused infant Other symptomatology — Cool and mottled extremities	Medicare DRG RW 3M APR-DRG	0.1771	794 1.3084



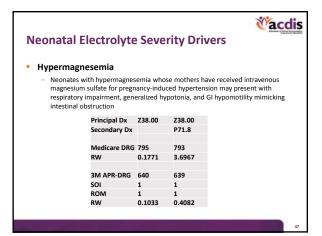


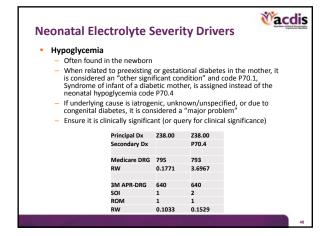
Neonatal Electrolyte Severity Drivers • Acidosis - Defined as one of the following: - pH < 2 - Base deficit of > 5 on first day and > 4 thereafter - Anion gap > 15 in low birthweight and > 18 in extreme low birth weight • Types: - Respiratory acidosis • Due to RDS, transient tachypnea of newborn (TTN), respiratory failure, etc. • Excludes note in ICD-9-CM not to capture with respiratory diagnoses. No excludes note in ICD-10-CM.





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Neonatal Electrolyte Sever	ity Drive	rs	
Hypocalcemia			
 Serum total Ca⁺⁺ concentration < 8 			
mg/dL in term infants or < 7 mg/dL	Principal Dx	Z38.00	Z38.00
in preterm infants <u>or</u>	Secondary Dx		P71.1
 Ionized Ca⁺⁺ level < 3.0 to 4.4 mg/dL 			
 Typically occurs in the first 2 days of 	Medicare DRG	795	793
life	RW	0.1771	3.6967
 Signs and symptoms include 			
hypotonia, tachycardia, tachypnea,	3M APR-DRG SOI	640 1	639
apnea, poor feeding, jitteriness,	ROM	1	1
tetany, & seizures; do not usually	RW	0.1033	0.4082
appear until total serum Ca is < 7			
mg/dL (ionized Ca < 3.0 mg/dL)			
Treatment includes administration of IV Costs glusgeneses.			
of IV Ca++ gluconate			



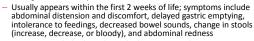


Neonatal Gastrointestinal Severity

Necrotizing enterocolitis

- Affects approximately 10% of premature infants weighing less than 1,500 grams and has up to a 50% mortality rate
- Classified by stage:
 - Stage I: No pneumatosis or perforation Stage II: Pneumatosis but no perforation

 - Stage III: Pneumatosis and perforation



Treatment includes bowel rest, hydration, IV antibiotics, nutrition, and frequent monitoring via abdominal series (bubbly gas pattern, free abdominal air, or peritonitis/abscess formation)



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Neonatal Gastrointestinal Severity Drivers

Necrotizing enterocolitis



NEC with pneumatosis, but no perforation Or Stage 2

Neonatal Gastrointestinal Severity

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Meconium staining of amniotic fluid (MSAF) (P96.83)

- Occurs due to fetal stress in utero that has occurred over a long time
- Staining found in fingernails, umbilical cord, or vernix
- Maternal common causes include placental insufficiency, hypertension, preeclampsia, oligohydramnios, and drug abuse

Meconium passage (P03.82)

- May indicate late fetal stress in labor
- Stratified into thin, moderate, or thick

Medicare			
DRG	795	794	794
RW	0.1771	1.3084	1.3084
3M APR-DRG	640	640	640
SOI	1	1	1
ROM	1	1	1
RW	0.1033	0.1033	0.1033



Neonatal Infectious Severity Drivers

Cytomegalovirus infection

- May be acquired prenatally or perinatally
- The most common congenital viral infection
- Most infants are asymptomatic, but others can have lifethreatening illness and devastating long-term sequelae
- If acquired before birth, signs may include intrauterine growth restriction, prematurity, microcephaly, jaundice, petechiae, hepatosplenomegaly, periventricular calcifications, chorioretinitis, and pneumonitis
- If acquired later in infancy, signs may include sepsis-like syndrome, pneumonia, hepatosplenomegaly, hepatitis, thrombocytopenia, and atypical lymphocytosis

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Neonatal Infectious Severity Drivers

Cytomegalovirus infection

Principal Dx	Z38.00	Z38.00
Secondary Dx		B25.9
Medicare DRG	795	794
RW	0.1771	1.3084
3M APR-DRG	640	636
SOI	1	1
ROM	1	1
RW	0.1033	0.7059

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Neonatal Infectious Severity Drivers

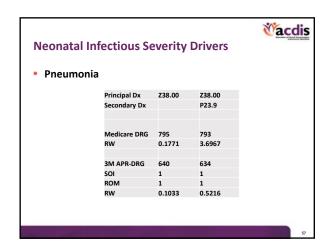
Neonatal sepsis

- Associated with certain maternal perinatal and obstetric conditions including heavy colonization with Group B streptococcus), maternal bleeding (e.g., placenta previa, abruptio placentae), maternal infection, preeclampsia, precipitous delivery, premature rupture of membranes, and preterm delivery
- Late onset (> 7 days) neonatal sepsis causes include contaminated equipment, IV or enteral solutions, exposure to antibiotics (allowing for resistant bacterial strains), preterm delivery, prolonged use of intravascular catheters, or prolonged hospitalization
- Common signs and symptoms include diminished spontaneous activity, less vigorous sucking, apnea, bradycardia, temperature instability (hypothermia or hyperthermia), hypoperfusion, respiratory distress, seizures, jitteriness, vomiting, diarrhea, and abdominal distention

54

Wacdis **Neonatal Infectious Severity Drivers** Neonatal sepsis Principal Dx Z38.00 Z38.00 Secondary Dx P36.9 795 0.1771 3.6967 3M APR-DRG 640 636 SOI ROM RW 0.1033 0.7059

Neonatal Infectious Severity Drivers
• Pneumonia
 Early-onset pneumonia is part of generalized sepsis that first manifests at or within hours of birth
 Late-onset pneumonia usually occurs after 7 days of age, most commonly in neonatal ICUs in infants who require prolonged endotracheal intubation because of lung disease
 Organisms are acquired from the maternal genital tract or the nursery with common organisms being:
Gram-positive cocci (e.g., groups A and B streptococci, Staphylococcus aureus) Gram-negative bacilli (e.g., Escherichia coli, klebsiella, and proteus) Methicillin-resistant Staph aureus (MRSA) is common in late-onset hospital-acquired pneumonia
 Viruses (e.g., respiratory syncytial virus [RSV] and cytomegalovirus [CMV]) or fungi cause some cases



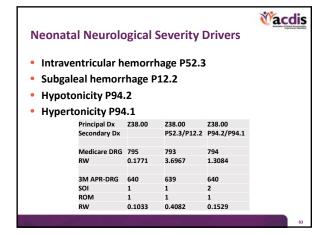
Neonatal Hematological Severity Drivers • Anemia - Common causes include: • Excessive blood draws • Fetal-maternal transfusion • Placental abruption or blood loss during labor • Hereditary causes of bone marrow failure • Infections acquired before or after birth • Placental abruption or blood loss during labor • Rh incompatibility • Twin-to-twin transfusions - Most infants with mild to moderate anemia have no symptoms, but moderate anemic infants may be sluggish or demonstrate poor feeding - With severe blood loss, infants may present with hypoperfusion or shock or jaundice

<u>wacdis</u> **Neonatal Hematological Severity Drivers** Anemia Principal Dx Z38.00 Z38.00 P61.4 Secondary Dx RW 0.1771 1.3084 3M APR-DRG 640 639 ROM RW 0.1033 0.4082

Neonatal Hematological Severity Drivers • Thrombocytopenia - Incidence is less than 1% in well babies - Occurs in 18% to 35% of NICU patients, and in 73% of extremely low birth weight (ELBW) infants • About 75% of cases are considered mild (100,000–150,000/mcL) to moderately severe (50,000–100,000/mcL) • 25% are severe (less than 50,000/mcL) - The major mechanism (75% of cases) is impaired platelet production - Increased platelet consumption and/or sequestration are the chief mechanisms in the remainder of cases - More than 80% of neonates with confirmed infections become thrombocytopenic

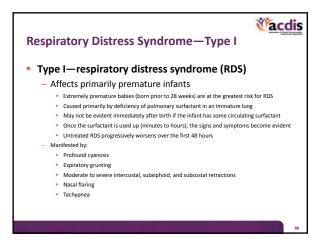
Neonatal • Thromboo	Hematolog ytopenia	gical Se	verity Dr	<u>vacdis</u> ivers
	Principal Dx	Z38.00	Z38.00	
	Secondary Dx		P61.0	
	Medicare DRG	795	793	
	RW	0.1771	3.6967	
	3M APR-DRG	640	639	
	SOI	1	1	
	ROM	1	1	
	RW	0.1033	0.4082	
				61

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Neonatal Neurological Severity Drivers
Intraventricular hemorrhage (IVH)
 A condition of premature and even full-term infants where the blood vessels can be very fragile. Hemorrhage occurs in approximately 20% of premature infants.
 Subgaleal hemorrhage
 Usually associated with vacuum-assisted births and may be misdiagnosed. The hemorrhage is caused by rupture of emissary veins between the dural sinus and scalp veins.
 Hypotonicity
 Diminished tone of the skeletal muscles
Hypertonicity
 Excessive tone of the skeletal muscles
62

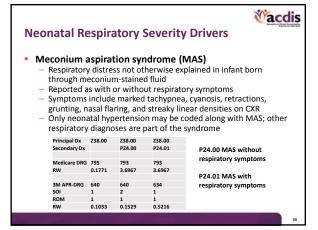


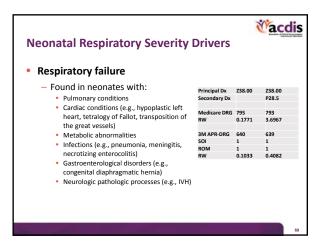
			<i><u>wacdis</u></i>
Neonatal Neurologic	cal Severity Di	rivers	
 Hypoxic ischemic ence 	phalopathy (HIE)	
 Brain injury due to asph 		,	
 Characterized by hyper- 	•	civo roac	tion to stimuli
, ,,			
Usually lasts 24 hours o	r less and symptom	s may inc	luae:
Apnea			
 Bradycardia 	Principal Dx	Z38.00	Z38.00
 Coma 	Secondary Dx		P91.60
 Lethargy 			
 Seizures 	Medicare DRG	795	794
 Stupor 	RW	0.1771	1.3084
 Classified by severity: 			
• Mild	3M APR-DRG	640	640
		1	•
	SOI	1	2
Moderate	SOI ROM	1	1
		-	-

Neonatal Respiratory S	everity D	river	'S	<u> </u>	5
 Respiratory distress syndror 	ne				
 A condition that develops fron Without surfactant, the lung h stiff. Without proper expansion before alveolar collapse occur. 	as no pliability n, the infant ha	to expa	and, thus	becoming	
Classified by type:	Principal Dx	Z38.00	Z38.00	Z38.00	
- Type I	Secondary Dx		P22.0	P22.1	
Type II or transient	Medicare DRG	795	790	794	
tachypnea of newborn	RW	0.1771	5.2592	1.3084	
tacilypliea of flewborn	3M APR-DRG	640	634	640	
	SOI	1	1	2	
	ROM	1	1	1	
	RW	0.1033	0.5216	0.1529	
				65	i

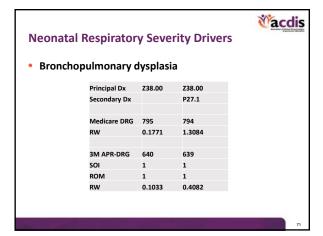


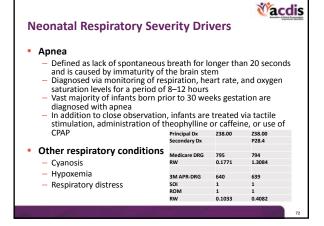
Respiratory Distress Syndrome—Type II • Type II—transitory tachypnea of newborn (TTN) - Most commonly occurs in premature infants or after cesarean section - Common cause of respiratory distress in the immediate newborn period; at the time of birth and within two hours of delivery - Infants with mild to moderate TTN are symptomatic for 12 to 24 hours, but symptoms may persist as long as 72 hours in severe cases - Manifested by: • Mild cyanosis • Expiratory grunting • Increased work of breathing • Mild intercostal and subcostal retractions • Nasal flaring • Tachypnea (respiratory rate greater than 60 breaths per minute)





Neonatal Respiratory Severity Drivers • Bronchopulmonary dysplasia - Babies who still need oxygen at 4 weeks before their original due date are classified as having bronchopulmonary dysplasia - Causes include • Lung immaturity (which causes the lungs to be more susceptible to damage from treatments such as oxygen; damaging lung tissue) and CPAP or mechanical ventilation (positive pressure may cause damage to alveroilly causing starring) • Infections and pneumonia - Milder form of BPD is called chronic lung disease of prematurity (CLD) - Diagnosis is not formally made until 2–4 weeks after birth via CXR, ABG results, and infant's continued need for oxygen at time of original due date - Treatment includes steroids to decrease scarring (used only in extreme cases due to side effects), diuretics, and bronchodilators





Wacdis **Neonatal Substance Disorders**

- Noxious influences affecting fetus or newborn via placenta or breast milk

 - No signs of withdrawal
 Assign a code for the specific substance found
 Review infant record for signs of withdrawal that would be
 assigned to neonatal abstinence syndrome
- · Fetal alcohol syndrome
 - Not only includes short-term effects from alcohol exposure, but also denotes a child who has long-term effects such as:

 - Intellectual disabilities including poor memory, attention deficits, impulsive behavior, and poor cause-effect reasoning
 Predispositions to mental health problems and drug addiction
 Regardless of whether the infant shows signs of withdrawal, if infant/child has signs of fetal alcohol syndrome, only the code for the fetal alcohol syndrome is assigned



Neonatal Substance Disorders

- Noxious influences affecting fetus or newborn via placenta or breast milk
- · Fetal alcohol syndrome

Principal Dx	Z38.00	Z38.00	Z38.00
Secondary Dx		P04.9	Q86.0
Medicare DRG	795	794	794
RW	0.1771	1.3084	1.3084
3M APR-DRG	640	640	640
SOI	1	1	2
ROM	1	1	1
RW	0.1033	0.1033	0.1529

Neonatal Weight-Related Severity Drivers



- Abnormal weight loss
 - Most infants lose between 5%–10% of their weight and regain their weight within the first two to three weeks of life $% \left(1\right) =\left(1\right) \left(
- Failure to thrive in newborn: Rare, but more common in extreme neonates

Principal Dx	Z38.00	Z38.00	Z38.00
Secondary Dx		R63.4	P92.6
Medicare DRG	795	794	794
RW	0.1771	1.3084	1.3084
3M APR-DRG	640	640	639
SOI	1	1	1
ROM	1	1	1
RW	0.1033	0.1033	0.4082



<u>wacdis</u> **Neonatal Weight-Related Severity** • Feeding problems of the neonate are common in infants less than 34 weeks gestation. Treatment and evaluation includes SLP or lactation consults. Common causes for all ages: - Ankyloglossia (restriction of tongue movement) Craniofacial anomalies Feeding intolerance Secondary Dx P92.9 Poor suck Hypotonia 0.1771 0.1771 - Oromotor discoordination Respiratory disorders - HIE (hypoxic ischemic 0.1033 0.1529 encephalopathy)



Resources

- ICD-10-CM Official Guidelines for Coding and Reporting FY 2017
- ICD-10 and ICD-10-PCS Coding Handbook
- ICD-10 MS-DRG Definitions Manual https://www.cms.gov/ICD10Manual/version34-fullcode-cms/fullcode cms/P0001.html
- 3M HIS DRG Assurance™ Program Training Materials
- Images from Wikipedia Commons

77

