

Supplemental Information

SUPPLEMENTAL TABLE 4 Inclusion Criteria by ICD-9-CM⁵

Pneumonia in whooping cough	484.3
Pneumonia, other types	480.2, 480.8, 480.9, 481, 482.0, 482.1, 482.2, 482.82, 482.83, 482.9, 483.0, 483.1, 484.3, 485, 486, 487.0, 7770.0
Pneumothorax	512.0, 512.8
Apnea	786.03, 770.81
Seizures	779.0, 780.39, 345.3
Encephalopathy or encephalitis	323.6, 348.30
Acute respiratory failure, other pulmonary insufficiency, respiratory distress, asphyxia	518.81, 518.82, 786.09, 799.0, 799.1
Gastroesophageal reflux	530.81
Vomiting	787.0
Bronchiolitis	466.1
Acute bronchiolitis due to other infectious organisms	466.19
Acute bronchitis	466.0
Acute bronchiolitis	466.1
Leukemoid reaction	288.62
Hypoxia or hypoxemia	770.8, 770.88

SUPPLEMENTAL TABLE 5 Categories of CCC and ICD-9 Codes⁷

CCC categories	Subcategories	ICD-9 codes
Prematurity	Preterm infants	765.0, 765.1, 765.21, 765.22, 765.23, 765.24, 765.25, 765.26, 765.27, 765.28
Neuromuscular	Brain and spinal cord malformations	740.0–742.9
	Mental retardation	318.0–318.2
	Central nervous system degeneration and disease	330.0–330.9, 334.0–334.2, 335.0–335.9
	Infantile cerebral palsy	343.0–343.9
	Muscular dystrophies and myopathies	359.0–359.3
Cardiovascular	Heart and great vessel malformations	745.0–747.4
	Cardiomyopathies	425.0–425.4, 429.1
	Conduction disorders and dysrhythmias	426.0–427.4, 427.6–427.9
Respiratory	Respiratory malformations	748.0–748.9
	Chronic respiratory disease	770.7
	Cystic fibrosis	277.0
	Asthma	493.00, 493.01, 493.02, 493.10, 493.11, 493.12, 493.20, 493.21, 493.22, 493.81, 493.82, 493.90, 493.91, 493.92
Renal	Congenital anomalies	753.0–753.9
	Chronic renal failure	585
Gastrointestinal	Congenital anomalies	750.3, 751.1–751.3, 751.6–751.9
	Chronic liver disease and cirrhosis	571.4–571.9
	Inflammatory bowel disease	555.0–556.9
Hematology and immunodeficiency	Sickle cell disease	282.5–282.6
	Hereditary anemias	282.0–282.4
	Hereditary immunodeficiency	279.00–279.9, 288.1–288.2, 446.1
	HIV disease	0420–0421
Metabolic	Amino acid metabolism	270.0–270.9
	Carbohydrate metabolism	271.0–271.9
	Lipid metabolism	272.0–272.9
	Storage disorders	277.3, 277.5
	Other metabolic disorders	275.0–275.3, 277.2, 277.4, 277.6, 277.8, 277.9
	Other congenital or genetic defect	758.0–758.9
Other congenital or genetic defect	Chromosomal anomalies	758.0–758.9
	Bone and joint anomalies	259.4, 737.3, 756.0–756.5
	Diaphragm and abdominal wall	553.3, 756.6–756.7
	Other congenital anomalies	759.7–759.9
Malignancy		140.0–208.9, 235.0–239.9