

## Supplemental Information

**SUPPLEMENTAL TABLE 4** Primary Discharge Diagnosis Categorization

Diagnosis Category	ICD-10 Codes <sup>a</sup>	Abbreviated Descriptors <sup>b</sup>
Allergy	J30.9, Z91.011	Allergy to milk products; Allergic rhinitis
ALTE/BRUE	R68.13	Apparent life-threatening event; Brief resolved unexplained event
Cardiovascular	I45.6, I46.9, I47.1, I49.1, I51.7, I73.89, P29.11, P29.12, P29.81, Q21.0, Q21.2, Q21.3, Q22.1, Q23.0, Q23.1, Q23.4, Q24.8, Q25.0, Q25.1, R01.1, R03.0, R57.0, R94.31, Z87.74	Murmur; Atrioventricular septal defect; Ventricular septal defect; Patent ductus arteriosus; Cardiomegaly; Hypoplastic left heart syndrome; Tetralogy of Fallot; Congenital stenosis of aortic valve; Congenital insufficiency of aortic valve; Congenital pulmonary valve stenosis; Coarctation of aorta; Other specified congenital malformations of heart; Personal history of (corrected) congenital malformations of heart and circulatory system; Abnormal electrocardiogram; Neonatal tachycardia; Supraventricular tachycardia; Pre-excitation syndrome; Atrial premature depolarization; Neonatal bradycardia; Cardiogenic shock; Cardiac arrest; Peripheral vascular diseases; Elevated blood-pressure reading
Endocrine	E21.0, E25.0, P70.0, P70.1, R94.7	Syndrome of infant of a diabetic mother; Syndrome of infant of mother with gestational diabetes; Abnormal results of other endocrine function studies; Primary hyperparathyroidism; Congenital adrenogenital disorders
Eye	B30.9, H02.843, H04.011, H04.531, H04.533, H04.551, H04.69, H04.302, H04.532, H04.553, H05.89, H10.021, H10.022, H10.023, H10.32, H10.89, H10.9, H11.31, H17.811, H57.9, P39.1, Q10.0, Q10.5, Q11.2, S05.02XA	Mucopurulent conjunctivitis; Viral conjunctivitis; Other conjunctivitis; Neonatal conjunctivitis and dacryocystitis; Obstruction of nasolacrimal duct; Dacryocystitis; Acute dacryoadenitis; Other changes of lacrimal passages; Acquired stenosis of nasolacrimal duct; Congenital stenosis and stricture of lacrimal duct; Edema of eye; Microphthalmos; Congenital ptosis; Conjunctival hemorrhage; Opacity of cornea; Corneal abrasion; Unspecified disorder of eye and adnexa; Other disorders of orbit
Failure to thrive	P92.6, R62.51, R63.4, R63.5	Failure to thrive; Abnormal wt loss; Abnormal wt gain
Gastrointestinal	E86.0, E86.1, K21.9, K42.9, K52.21, K59.00, K59.01, K59.04, K59.09, K60.0, K60.2, K63.89, K83.1, K90.49, K91.0, K92.0, K92.1, P54.0, P54.1, P74.1, P76.9, P78.2, P78.89, P78.9, P92.01, P92.4, P92.5, P92.8, P92.9, P78.3, P78.83, P92.1, Q38.1, Q40.0, Q40.1, Q43.1, Q43.3, Q44.2, R10.84, R11.10, R11.12, R14.0, R14.1, R14.3, R19.09, R19.4, R19.5, R19.7, R19.8, R63.0, R63.2, R63.8, R63.3, T17.320A, T17.328A, T18.9XXA	Feeding difficulties; Ankyloglossia; Reflux; Overfeeding; Polyphagia; Anorexia; Food in larynx; Foreign body of alimentary tract; Vomiting; Hematemesis; Constipation; Diarrhea; Change in bowel habit; Malabsorption; Intestinal obstruction; Anal fissure; Flatulence; Generalized abdominal pain; Dehydration; Hypovolemia; Pyloric stenosis; Hirschsprung's disease; Obstruction of bile duct; Atresia of bile ducts; Umbilical hernia; Congenital malformations of intestinal fixation; Congenital hiatus hernia; Digestive system disorder; Other diseases of intestine; Other intrabdominal and pelvic swelling, mass and lump; Food protein-induced enterocolitis syndrome; Other specified symptoms and signs involving the digestive system and abdomen
Genitourinary	K40.20, N12, N28.89, N39.9, N43.2, N43.3, N47.1, N48.1, N48.89, N90.89, P83.5, Q54.4, Q62.0, Q63.0, R31.0, R31.9, R33.9, R34, R39.198, R82.998, Z48.816	Disorder of urinary system; Disorders of penis; Disorders of vulva and perineum; Phimosis; Balanitis; Congenital chordee; Hydrocele; Bilateral inguinal hernia; Congenital hydronephrosis; Tubulo-interstitial nephritis; Other specified disorders of kidney and ureter; Accessory kidney; Anuria and Oliguria; Retention of urine; Other difficulties with micturition; Hematuria; Other abnormal findings in urine; Encounter for surgical aftercare after surgery on the genitourinary system

SUPPLEMENTAL TABLE 4 Continued

Diagnosis Category	ICD-10 Codes <sup>a</sup>	Abbreviated Descriptors <sup>b</sup>
Hematologic	D47.3, D64.9, D72.1, D72.820, E56.1, L76.22, N93.9, N99.820, P51.8, P51.9, P53, P54.3, P54.5, P54.6, P61.1, P61.4, P61.5, R04.0, R79.1	Lymphocytosis; Transient neonatal neutropenia; Essential thrombocythemia; Eosinophilia; Polycythemia; Anemia; Other congenital anemias; Abnormal coagulation profile; Hemorrhagic disease of newborn; Deficiency of vitamin K; Epistaxis; Postprocedural hemorrhages (genitourinary, skin); Other hemorrhages (gastrointestinal, umbilical, vaginal, uterine, cutaneous)
Infection	A50.2, A87.0, B09, B34.8, B34.9, B35.0, B35.4, B35.8, B37.0, B37.2, B37.9, B39.8, B95.62, B96.89, B97.10, G00.2, H66.92, J00, J05.0, J06.9, J21.0, J21.8, J21.9, K61.0, K61.1, L01.00, L01.03, L02.11, L02.12, L02.211, L02.811, L03.011, L03.012, L03.031, L03.221, L03.316, L03.317, L08.0, L08.82, N10, N39.0, N61.1, N76.4, P00.2, P35.1, P35.2, P36.9, P37.5, P38.9, P39.0, P39.3, P39.4, P80.8, P80.9, P81.9, R50.81, R50.9, R78.81, U07.1, Z05.1, Z20.3, Z20.828, Z22.322	Bacterial sepsis; Urinary tract infection; Pyelonephritis; Bacterial meningitis; Bacteremia; Syphilis; Impetigo; Pyoderma; Abscess; Cellulitis; Otitis media; Omphalitis; Neonatal skin infection; Carrier of MRSA; Unspecified viral infection; Viral meningitis; Bronchiolitis; Acute upper respiratory infection; Acute nasopharyngitis; Acute obstructive laryngitis; COVID-19; Congenital cytomegalovirus; Congenital herpesviral infection; Enterovirus; Exposure to viral communicable disease; Exposure to rabies; Candidiasis; Tinea; Other specific infections; Evaluation for suspected infectious condition; Newborn affected by maternal infectious diseases; Fever; Hypothermia; Disturbance of temperature regulation
Jaundice	P55.0, P55.1, P59.9	Neonatal jaundice; Rh isoimmunization of newborn; ABO isoimmunization of newborn
Metabolic	E16.2, E71.120, E88.89, P70.4, P74.0	Hypoglycemia; Metabolic acidosis; Methylmalonic acidemia; Other specified metabolic disorders
Musculoskeletal	M43.6, M89.9, Q67.6, Q68.0, Q69.0, R29.4, R29.898	Torticollis; Disorder of bone; Clicking hip; Pectus excavatum; Accessory finger(s); Other symptoms and signs involving the musculoskeletal system
Neurologic	G25.3, G25.9, G47.10, G47.19, G51.0, G93.0, G93.6, G93.89, P10.0, P90, P94.1, P94.2, P96.3, Q02, Q04.6, Q67.3, Q75.0, Q75.3, Q75.9, R25.3, R25.8, R25.9, R40.0, R40.4, R41.82, R53.83, Z98.2	Congenital hypotonia; Congenital hypertonia; Convulsions of newborn; Myoclonus; Fasciculation; Abnormal involuntary movements; Extrapyrmidal and movement disorder; Hypersomnia; Somnolence; Transient alteration of awareness; Other fatigue; Altered mental status; Craniosynostosis; Macrocephaly; Microcephaly; Plagiocephaly; Wide cranial sutures of newborn; Cerebral edema; Subdural hemorrhage; Bell's palsy; Cerebral cysts; Presence of cerebrospinal fluid drainage device; Other disorders of brain; Congenital malformation of skull and face bones
Normal infant behavior	R06.3, R10.83, R68.12	Periodic breathing; Colic; Fussy infant
Oral	K09.8, K09.9, K12.0, K13.0, K13.7, K13.79, K13.29, K14.2, K14.8, Q38.2	Diseases of lips; Lesions of oral mucosa; Recurrent oral aphthae; Macroglossia; Hypertrophy of tongue papillae; Other diseases of tongue; Cyst of oral region; Other disturbances of oral epithelium
Respiratory	E84.0, J38.5, J38.6, J39.8, P22.0, P22.1, P24.31, P24.81, P28.2, P28.3, P28.4, P28.5, P28.89, P28.9, Q30.0, Q31.5, Q32.0, R04.2, R05, R06.00, R06.02, R06.1, R06.2, R06.7, R06.82, R06.89, R06.9, R09.2, R09.81, R23.0, T17.308A, T17.908A	Cough; Nasal congestion; Sneezing; Choanal atresia; Primary sleep apnea; Other apnea; Cyanotic attacks; Cyanosis; Shortness of breath; Dyspnea; Transient tachypnea of newborn; Tachypnea; Respiratory distress syndrome; Stridor; Wheezing; Abnormalities of breathing; Respiratory failure of newborn; Respiratory arrest; Laryngeal spasm; Stenosis of larynx; Congenital laryngomalacia; Congenital tracheomalacia; Neonatal aspiration; Cystic fibrosis with pulmonary manifestations; Hemoptysis; Other respiratory conditions of newborn
Skin	D18.01, D18.09, K64.4, L21.1, L21.8, L21.9, L22, L25.9, L30.4, L30.9, L53.0, L53.9, L70.4, L70.9, L72.8, L74.0, L74.1, L74.3, L76.82, L81.4, L85.3, L92.8, L98.8, L98.9, M79.89, P02.69, P83.0, P83.1, P83.81, P83.88, Q82.8, Q83.3, R21	Rash and other nonspecific skin eruption; Diaper dermatitis; Erythema toxicum; Toxic erythema; Infantile acne; Acne; Miliaria; Erythema intertrigo; Xerosis cutis; Dermatitis; Seborrheic dermatitis; Umbilical granuloma; Other conditions of umbilical cord; Hemorrhoidal skin tags;

SUPPLEMENTAL TABLE 4 Continued

Diagnosis Category	ICD-10 Codes <sup>a</sup>	Abbreviated Descriptors <sup>b</sup>
		Hemangioma; Sclerema neonatorum; Congenital malformations of skin; Accessory nipple; Melanin hyperpigmentation; Erythematous condition; Disorder of skin and subcutaneous tissue; Other granulomatous disorders of the skin and subcutaneous tissue; Other postprocedural complications of skin and subcutaneous tissue; Other follicular cysts of the skin and subcutaneous tissue; Other specified soft tissue disorders; Other specified conditions of integument specific to newborn
Trauma	P12.0, P12.3, P12.81, P13.4, P14.0, S00.01XA, S00.03XA, S00.12XA, S00.83XA, S02.119A, S02.19XA, S02.0XXA, S06.2S0A, S06.0 × 0A, S06.6 × 0A, S09.90XA, S42.402A, S42.021A, S42.022A, S42.024A, S42.025A, S61.011A, S61.212A, S90.31XA, T14.8XXA, T81.33XS, Z04.1, Z04.3	Cephalohematoma; Bruising of scalp due to birth injury; Caput succedaneum; Erb's paralysis due to birth injury; Clavicle fracture; Skull fracture; Humeral fracture; Abrasions; Contusions; Lacerations; Injury of head; Traumatic subarachnoid hemorrhage; Diffuse traumatic brain injury; Concussion; Disruption of wound repair; Other injury of unspecified body region; Encounter for examination and observation following transport accident; Encounter for examination and observation after other accident
Uncategorized/Other	D18.1, E55.9, E87.2, E87.6, F45.8, G89.18, M72.8, N64.3, N64.59, P00.0, P07.18, P08.1, P09, R68.89, P71.1, P83.4, P96.1, P96.5, P96.89, Q17.0, R09.89, R22.1, R22.9, R45.83, R46.89, R59.0, R60.6, R61, R68.11, R94.8, S60.861A, T81.32XA, T81.89XA, Z00.110, Z00.111, Z02.83, Z03.89, Z04.89, Z28.82, Z48.89, Z53.21, Z59.0, Z60.9, Z63.8, Z71.1, Z71.89, Z71.9, Z77.22, Z82.3, Z83.3, Z83.49, Z84.89, Z98.890	Health examination for newborn under 8 d old; Health examination for newborn 8 to 28 d old; Other low birth wt newborn 2000-2499 g; Other heavy for gestational age newborn; Encounter for other specified reasons; Other specified conditions originating in the perinatal period; Other general symptoms and signs; Other specified symptoms and signs involving the circulatory and respiratory systems; Other symptoms and signs involving appearance and behavior; Encounter for observation for other suspected diseases and conditions ruled out; Family history of Stroke; Family history of diabetes; Family history of other endocrine, nutritional and metabolic diseases; Family history of other specified conditions; Newborn affected by maternal hypertensive disorders; Person with feared health complaint; Immunization not carried out because of caregiver refusal; Counseling; Problem related to social environment; Procedure and treatment not carried out due to patient leaving before being seen by health care provider; Other specified problems related to primary support group; Homelessness; Contact with environmental tobacco smoke; Neonatal withdrawal; Encounter for blood-alcohol and blood-drug test; Abnormal results of function studies of other organs and systems; Abnormal findings on neonatal screening; Acidosis; Hypokalemia; Neonatal hypocalcemia; Vitamin D deficiency; Other acute postprocedural pain; Other specified postprocedural states; Other complications of procedures; Encounter for other specified surgical aftercare; Disruption of internal operation (surgical) wound; Complication to newborn due to intrauterine procedure; Localized swelling, mass and lump; Localized edema; Lymphangioma; Localized enlarged lymph nodes; Breast engorgement of newborn; Other signs and symptoms in breast; Galactorrhoea; Generalized hyperhidrosis; Excessive crying; Other somatoform disorders; Accessory auricle; Insect bite of right wrist; Other fibroblastic disorders

ICD-10, International Classification of Diseases, 10th Revision.

<sup>a</sup> ICD-10 codes listed in alphabetical order.<sup>b</sup> ICD-10 code descriptors have been abbreviated and duplicate abbreviations removed. Descriptors are grouped with similar clinical descriptors.