

Appendix 1: Hospitalization that could have potentially been prevented or delayed with appropriate patient care

Condition Category	Added Conditions		
	ICD-9-CM Code <sup>+</sup>	ICD-9-CM Code	Disease Staging Category
<b>Immunization preventable conditions</b>	033 Whooping cough	052 Chickenpox	NEU14(Meningitis: Bacterial)*
	<del>390 Rheumatic fever without mention of heart involvement</del>	055 Measles	RES11 (Influenza)**
	<del>391 Rheumatic fever with heart involvement</del>	056 Rubella	RES23(Respiratory Syncytial Virus Infections 1.06 above)**
	037 Tetanus	072 Mumps	
	045 Acute poliomyelitis		
	320.0 Hemophilus meningitis		
<b>Grand mal status/epileptic convulsions</b>	345 Epilepsy and recurrent seizures		
<b>Convulsion</b>	780.3 Convulsions		
<b>Severe ENT infections</b>	382 Suppurative and unspecified otitis media	381 Nonsuppurative otitis media and Eustachian tube disorders	ENT19 (Pharyngitis: Non-Streptococcal)*
	462 Acute pharyngitis		ENT21 (Sinusitis 2/3)**
	463 Acute tonsillitis		
	465 Acute upper respiratory infections of multiple or unspecified sites		
	472.1 Chronic pharyngitis		
<b>Tuberculosis</b>	011 Pulmonary tuberculosis	010 Primary tuberculous infection	
	012 Other respiratory tuberculosis	137 Late effects of tuberculosis	
	013 Tuberculosis of meninges and central nervous system		
	014 Tuberculosis of intestines, peritoneum, and mesenteric glands		
	015 Tuberculosis of bones and joints		
	016 Tuberculosis of genitourinary system		
	017 Tuberculosis of other organs		
	018 Miliary tuberculosis		
<b>Bacterial pneumonia</b>	481 Pneumococcal pneumonia [Streptococcus pneumoniae pneumonia]	482.0 Pneumonia due to Klebsiella pneumoniae	
	482.2 Pneumonia due to Hemophilus influenzae [H. influenzae]	482.1 Pneumonia due to Pseudomonas	
	482.3 Pneumonia due to Streptococcus	482.4 Pneumonia due to Staphylococcus	
	482.9 Bacterial pneumonia	482.8 Pneumonia due to	

<sup>+</sup> From Shi, L. & Lu, N. Individual Sociodemographic Characteristics Associated with Hospitalization for Pediatric Ambulatory Care Sensitive Conditions. *Journal of Health Care for the Poor and Underserved*. 2000; 11(4): 373-384.

\* Expansion of condition included in Shi and Lu

\*\* Addition to conditions in Shi and Lu

	unspecified	other specified bacteria	
	483 Pneumonia due to other specified organism		
	485 Bronchopneumonia, organism unspecified		
	486 Pneumonia, organism unspecified		
<b>Asthma</b>	493 Asthma		
<b>Cellulitis</b>	681 Cellulitis and abscess of finger and toe		
	682 Other cellulitis and abscess		
	683 Acute lymphadenitis		
	686 Other local infections of skin and subcutaneous tissue		
	707 Chronic ulcer of skin		
<b>Diabetes</b>	250.1 Diabetes with ketoacidosis		
	250.2 Diabetes with hyperosmolarity		
	250.3 Diabetes with other coma		
	250.8 Diabetes with other specified manifestations		
	250.9 Diabetes with unspecified complication		
	250.0 Diabetes mellitus without mention of complication		
<b>Gastroenteritis</b>	558.9 Other and unspecified noninfectious gastroenteritis and colitis	008.6 Enteritis due to specified virus	GIS32 (Salmonellosis)**
		008.8 Other organism, not elsewhere classified	GIS37 (Ulcerative Colitis 2/3)**
		009 Ill-defined intestinal infections	
		007 Other protozoal intestinal diseases	
		558.2 Toxic gastroenteritis and colitis	
		558.4 Eosinophilic gastroenteritis and colitis	
<b>Kidney and urinary infection</b>	590 Infections of kidney	595.0 Acute cystitis	GUS10(Urinary Tract Infections 2/3)*
	599.0 Urinary tract infection, site not specified	595.9 Cystitis, unspecified	GUS83(Other Disorders of Kidney or Ureter 2/3)*
	599.9 Unspecified disorder of urethra and urinary tract		
<b>Dehydration-volume depletion</b>	276.5 Volume depletion		
<b>Iron deficiency anemia</b>	280.1 Secondary to inadequate dietary iron intake		
	280.8 Other specified iron deficiency anemias		
	280.9 Iron deficiency anemia, unspecified		
<b>Nutritional deficiencies</b>	260 Kwashiorkor		
	261 Nutritional marasmus		
	262 Other severe protein-calorie malnutrition		
	268.0 Rickets, active		
	268.1 Rickets, late effect		

<b>Failure to thrive</b>	783.4 Lack of expected normal physiological development in childhood		
<b>Dental conditions</b>	521 Diseases of hard tissues of teeth		
	522 Diseases of pulp and periapical tissues		
	523 Gingival and periodontal diseases		
	525 Other diseases and conditions of the teeth and supporting structures		
	528 Diseases of the oral soft tissues, excluding lesions specific for gingiva and tongue		
<b>Pelvic inflammatory disease</b>	614 Inflammatory disease of ovary, fallopian tube, pelvic cellular tissue, and peritoneum		
<b>Hypoglycemia</b>	251.2 Hypoglycemia, unspecified	251.0 Hypoglycemic coma	
		251.1 Other specified hypoglycemia	
		775.0 Syndrome of "infant of a diabetic mother"	
<b>Appendicitis (stage 2 or 3)</b>			GIS05(Appendicitis 2/3)*
<b>Congenital Syphilis</b>		090.9 Congenital syphilis, unspecified	
<b>Cardiovascular disease (including CHF)</b>		428 Heart failure	
<b>Trauma (including Head Injury)</b>			TRA01(Acetaminophen Toxicity)*
			TRA02(Adverse Drug Reactions)*
			TRA04(Burns)*
			TRA05(Burns, Chemical: Esophagus, Stomach, or Small Intestine)*
			TRA09(Toxic Effects of Nonmedicinal Agents)*
			NEU11(Injury: Craniocerebral)*
			TRA80(Effects of Environment and Other External Causes 3)*
<b>Rheumatic fever</b>	390 Rheumatic fever without mention of heart involvement		
	391 Rheumatic fever with heart involvement		
<b>Monotropic hormone deficiency</b>			END10 (Monotropic hormone deficiency 2/3)*
<b>Foreign Body: Nasopharynx, Throat or Bronchus</b>			ENT04 (Foreign Body: Nasopharynx, Throat or Bronchus)*
<b>Gastritis</b>			GIS17 (Gastritis 2/3)*