

Supplemental Information

SUPPLEMENTAL TABLE 5 Angus Criteria ICD-9 Codes

Code ^a	Description
001	Cholera
002	Typhoid/paratyphoid fever
003	Other <i>Salmonella</i> infection
004	Shigellosis
005	Other food poisoning
008	Intestinal infection not otherwise classified
009	Ill-defined intestinal infection
010	Primary tuberculosis infection
011	Pulmonary tuberculosis
012	Other respiratory tuberculosis
013	Central nervous system tuberculosis
014	Intestinal tuberculosis
015	Tuberculosis of bone and joint
016	Genitourinary tuberculosis
017	Tuberculosis not otherwise classified
018	Miliary tuberculosis
020	Plague
021	Tularemia
022	Anthrax
023	Brucellosis
024	Glanders
025	Melioidosis
026	Rat-bite fever
027	Other bacterial zoonoses
030	Leprosy
031	Other mycobacterial disease
032	Diphtheria
033	Whooping cough
034	Streptococcal throat/scarlet fever
035	Erysipelas
036	Meningococcal infection
037	Tetanus
038	Septicemia
039	Actinomycotic infections
040	Other bacterial diseases
041	Bacterial infection in other diseases not otherwise specified
090	Congenital syphilis
091	Early symptomatic syphilis
092	Early syphilis latent
093	Cardiovascular syphilis
094	Neurosyphilis
095	Other late symptomatic syphilis
096	Late syphilis latent

SUPPLEMENTAL TABLE 5 Continued

Code ^a	Description
097	Other and unspecified syphilis
098	Gonococcal infections
100	Leptospirosis
101	Vincent's angina
102	Yaws
103	Pinta
104	Other spirochetal infection
110	Dermatophytosis
111	Dermatomycosis not otherwise classified or specified
112	Candidiasis
114	Coccidioidomycosis
115	Histoplasmosis
116	Blastomycotic infection
117	Other mycoses
119	Opportunistic mycoses
320	Bacterial meningitis
322	Meningitis, unspecified
324	Central nervous system abscess
325	Phlebitis of intracranial sinus
420	Acute pericarditis
421	Acute or subacute endocarditis
451	Thrombophlebitis
461	Acute sinusitis
462	Acute pharyngitis
463	Acute tonsillitis
464	Acute laryngitis/tracheitis
465	Acute upper respiratory infection of multiple sites/not otherwise specified
481	Pneumococcal pneumonia
482	Other bacterial pneumonia
485	Bronchopneumonia with organism not otherwise specified
486	Pneumonia, organism not otherwise specified
491.21	Acute exacerbation of obstructive chronic bronchitis
494	Bronchiectasis
510	Empyema
513	Lung/mediastinum abscess
540	Acute appendicitis
541	Appendicitis not otherwise specified
542	Other appendicitis
562.01	Diverticulitis of small intestine without hemorrhage
562.03	Diverticulitis of small intestine with hemorrhage
562.11	Diverticulitis of colon without hemorrhage
562.13	Diverticulitis of colon with hemorrhage
556	Anal and rectal abscess
567	Peritonitis
569.5	Intestinal abscess
569.83	Perforation of intestine
572	Abscess of liver

SUPPLEMENTAL TABLE 5 Continued

Code ^a	Description
572.1	Portal pyemia
575.0	Acute cholecystitis
590	Kidney infection
597	Urethritis/urethral syndrome
599.0	Urinary tract infection not otherwise specified
601	Prostatic inflammation
614	Female pelvic inflammatory disease
615	Uterine inflammatory disease
616	Other female genital inflammation
681	Cellulitis, finger/toe
682	Other cellulitis/abscess
683	acute lymphadenitis
686	Other local skin infection
711.0	Pyogenic arthritis
730	Osteomyelitis
790.7	Bacteremia
996.6	Infection or inflammation device/graft
998.5	Postoperative infection
999.3	Infectious complication of medical care not otherwise classified

Adapted from Balamuth F, Weiss SL, Neuman MI, et al. Pediatric severe sepsis in U.S. children's hospitals. *Pediatr Crit Care Med*. 2014;15(9):798–805 and Weiss SL, Parker B, Bullock ME, et al. Defining pediatric sepsis by different criteria: discrepancies in populations and implications for clinical practice. *Pediatr Crit Care Med*. 2012;13(4):e219–e226 (Appendix 1).

^a Where 3- or 4-digit codes are listed, all associated subcodes were included.

SUPPLEMENTAL TABLE 6 ICD-9-CM Codes Used to Identify Organ Dysfunction Code Description

Code	Description
785.5	Shock without trauma
458	Hypotension
96.7	Mechanical ventilation
348.3	Encephalopathy
293	Transient organic psychosis
348.1	Anoxic brain damage
287.4	Secondary thrombocytopenia
287.5	Thrombocytopenia, unspecified
286.9	Other and/or unspecified coagulation defect
286.6	Defibrination syndrome
570	Acute and subacute necrosis of liver
573.4	Hepatic infarction
584	Acute renal failure

Where 3- or 4-digit codes are listed, all associated subcodes were included. Adapted from Balamuth F, Weiss SL, Neuman MI, et al. Pediatric severe sepsis in U.S. children's hospitals. *Pediatr Crit Care Med.* 2014;15(9):798–805 and Weiss SL, Parker B, Bullock ME, et al. Defining pediatric sepsis by different criteria: discrepancies in populations and implications for clinical practice. *Pediatr Crit Care Med.* 2012; 13(4):e219–e226 (Appendix 1).

SUPPLEMENTAL TABLE 7 CCS Codes Used

CCS Code	Diagnosis
122	Pneumonia (except that caused by tuberculosis or sexually transmitted disease)
159	Urinary tract infections
76	Meningitis (except that caused by tuberculosis or sexually transmitted disease)
7	Viral infection
201	Infective arthritis and osteomyelitis (except that caused by tuberculosis or sexually transmitted disease)
10	Immunizations and screening for infectious disease