PSI #13   Postoperative Sepsis

Provider-Level Indicator

Numerator

Discharges among cases meeting the inclusion and exclusion rules for the denominator. with ICD-9-CM code for sepsis in any secondary diagnosis field.

ICD-9-CM Sepsis diagnosis codes:

0380	STREPTOCOCCAL SEPTICEMIA
0381	STAPHYLOCOCCAL SEPTICEMIA
03810	STAPHYLOCOCCAL SEPTICEMIA, UNSPECIFIED
03811	METHICILLIN SUSCEPTIBLE STAPHYLOCOCCUS AUREUS SEPTICEMIA OCT08-
03812	METHICILLIN RESISTANT STAPHYLOCOCCUS AUREUS SEPTICEMIA OCT08-
03819	OTHER STAPHYLOCOCCAL SEPTICEMIA
0382	PNEUMOCOCCAL SEPTICEMIA (STREPTOCOCCUS PNEUMONIAE SEPTICEMIA)
0383	SEPTICEMIA DUE TO ANAEROBES
78552	SEPTIC SHOCK
78559*	SHOCK WITHOUT MENTION OF TRAUMA, OTHER
9980	POSTOPERATIVE SHOCK

Septicemia due to:

03840	GRAM-NEGATIVE ORGANISM, UNSPECIFIED
03841	HEMOPHILUS INFLUENZAE
03842	ESCHERICHIA COLI
03843	PSEUDOMONAS
03844	SERRATIA
03849	SEPTICEMIA DUE TO OTHER GRAM-NEGATIVE ORGANISMS
0388	OTHER SPECIFIED SEPTICEMIAS
0389	UNSPECIFIED SEPTICEMIA
99591	SYSTEMIC INFLAMMATORY RESPONSE SYNDROME DUE TO INFECTIOUS PROCESS W/O ORGAN DYSFUNCTION
99592	SYSTEMIC INFLAMMATORY RESPONSE SYNDROME DUE TO INFECTIOUS PROCESS W/ ORGAN DYSFUNCTION

*Not valid for discharges effective October 1, 2004

Denominator

All elective* surgical discharges age 18 and older defined by specific DRGs or MS-DRGs and an ICD-9-CM code for an operating room procedure.

*Elective - SID Admission type # is recorded as elective (Admission Type = 3)

See *Patient Safety Indicators Appendices*:

- Appendix A – Operating Room Procedure Codes
- Appendix D – Surgical Discharge DRGs
- Appendix E – Surgical Discharge MS-DRGs

Exclude cases:
- with principal diagnosis of sepsis or secondary diagnosis present on admission
- with a principal diagnosis of infection
- with any code for immunocompromised state or cancer
- MDC 14 (pregnancy, childbirth, and puerperium)
- with length of stay of less than 4 days

See *Patient Safety Indicators Appendices*:

- Appendix F – Infection Diagnosis Codes
- Appendix H – Cancer Diagnosis Codes
- Appendix I – Immunocompromised State Diagnosis and Procedure Codes