PSI #23  Central Venous Catheter-related Bloodstream Infections

Area-Level Indicator

**Numerator**

Discharges, 18 years and older or MDC 14 (pregnancy, childbirth, and puerperium), with selected infections defined by specific ICD-9-CM codes any diagnosis field among all medical and surgical discharges defined by specific DRGs.

For discharges prior to October 1, 2007:

*ICD-9-CM Hospital-associated Infection diagnosis codes:*

99662  DUE TO OTHER VASCULAR DEVICE, IMPLANT, AND GRAFT

For discharges on or after October 1, 2007:

*ICD-9-CM Central Line-associated Bloodstream Infection diagnosis codes:*

99931  INFECTION DUE TO CENTRAL VENOUS CATHETER

All surgical and medical discharges, 18 years and older or MDC 14 (pregnancy, childbirth, and puerperium), defined by specific DRGs

See Patient Safety Indicators Appendices:

- Appendix B – Medical Discharge DRGs -OR-
- Appendix C – Medical Discharge MS-DRGs
- Appendix D – Surgical Discharge DRGs -OR-
- Appendix E – Surgical Discharge MS-DRGs

Exclude cases:

- with any diagnosis or procedure code for immunocompromised state
- with any diagnosis of cancer

See Patient Safety Indicators Appendices:

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

**Denominator**

Population of county or Metro Area associated with FIPS code of patient’s residence or hospital location.