



PSI #7 Central Venous Catheter-related Bloodstream Infections

Provider-Level Indicator

Numerator

Discharges with selected infections defined by specific ICD-9-CM codes any secondary diagnosis field among cases meeting the inclusion and exclusion rules for the denominator.

For discharges prior to October 1, 2007:

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

99662	DUE TO OTHER VASCULAR DEVICE, IMPLANT, AND GRAFT	9993	OTHER INFECTION
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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
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Denominator

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

See *Patient Safety Indicators Appendices*:

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

Exclude cases:

- with principal diagnosis of selected infections or secondary diagnosis present on admission
- with length of stay less than 2 days
- 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