Laminectomy or Spinal Fusion Rate

Inpatient Quality Indicators #29
Technical Specifications
Area-Level Indicator
Procedure Utilization Indicator
AHRQ Quality Indicators, Version 4.4, March 2012

Numerator

Discharges age 18 years and older with a laminectomy or spinal fusion procedure.

ICD-9-CM Laminectomy or Spinal Fusion procedure codes:
0302 REOPEN LAMINECTOMY SITE
0309 SPINAL CANAL EXPLOR NEC
8050 EXC/DEST INTVRT DISC NOS
8051 EXCISION INTERVERT DISC
8059 OTH EXC/DEST INTVRT DISC
8100 SPINAL FUSION NOS
8101 ATLAS-AXIS FUSION
8102 OTH CERV FUSION ANT/ANT
8103 OT CERV FUSION POST/POST
8104 DRSL/DRSLUMB FUS ANT/ANT
8105 DRSL/DSLMB FUS POST/POST
8106 LUMB/LMBSAC FUS ANT/ANT
8107 LMB/LMBSAC FUS POST/POST
8108 LUMB/LMBSAC FUS ANT/POST
8109 REFUSION OF SPINE
8130 SPINAL REFUSION NOS
8131 REFUSION OF ATLAS-AXIS
8132 REFUS OTH CERVCL ANT/ANT
8133 REFUS OTH CERV POST/POST
8134 REFUS DRS/DRSLMB ANT/ANT
8135 REFUS DRS/DRSLMB PST/PST
8136 REFUS LMB/LMBSAC ANT/ANT
8137 REFUS LMB/LMBSAC PST/PST
8138 REFUS LMB/LMBSC ANT/POST
8139 REFUSION OF SPINE NEC
8161 360 SPINAL FUSION
8162 FUS/REFUS 2-3 VERTEBRAE
8163 FUS/REFUS 4-8 VERTEBRAE
8164 FUS/REFUS 9 VERTEBRAE
8451 INS SPINAL FUSION DEVICE

Exclude cases:
- MDC 14 (pregnancy, childbirth, and puerperium)
- with missing discharge disposition (DISP=missing), gender (SEX=missing), age (AGE=missing), quarter (DQTR=missing), year (YEAR=missing) or principal diagnosis (DX1=missing)

Denominator

Discharges in the numerator are assigned to the denominator Metro Area or county of the patient residence, not the Metro Area or county of the hospital where the discharge occurred.

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1 The term "metropolitan area" (MA) was adopted by the U.S. Census in 1990 and referred collectively to metropolitan statistical areas (MSAs), consolidated metropolitan statistical areas (CMSAs), and primary metropolitan statistical areas (PMSAs). In addition, "area" could refer to either 1) FIPS county, 2) modified FIPS county, 3) 1999 OMB Metropolitan Statistical Area, or 4) 2003 OMB Metropolitan Statistical Area. Micropolitan Statistical Areas are not used in the QI software.