Laparoscopic Cholecystectomy Rate

Inpatient Quality Indicators #23
Technical Specifications
Provider-Level Indicator
Procedure Utilization Indicator
AHRQ Quality Indicators, Version 4.3, August 2011

Version 4.3a is a maintenance release of Version 4.3. The differences between the two versions are:

- Version 4.3a includes Version 29 of the Limited License edition of the 3MTM APR-DRG Grouper. This grouper corrects an issue found in Version 28 of the Limited License edition of the 3MTM APR-DRG Grouper. The grouper is only used with the Inpatient Quality Indicator (IQI) mortality measures. Version 4.3 includes Version 28 of the Limited License edition of the 3MTM APR-DRG Grouper, which was incorrectly assigning a Risk of Mortality (ROM) subclass for cases dated on or after 10/1/10.
- Version 4.3a allows users to calculate area-level indicators for years 2010 and 2011, correcting an issue previously identified in Version 4.3.

All other aspects of the software, including measure specifications, remain the same. Thus this document (related to Version 4.3) remains unchanged.

Numerator

Number of laparoscopic cholecystectomies (procedures) among cases meeting the inclusion and exclusion rules for the denominator.

ICD-9-CM Laparoscopic cholecystectomy procedure code:
5123 LAPAROSCOPIC CHOLE

Denominator

All discharges, age 18 years and older, with cholecystectomy procedure.

ICD-9-CM Cholecystectomy procedure codes:
5122 CHOLECYSTECTOMY 5123 LAPAROSCOPIC CHOLE

Include:
Only discharges with uncomplicated cases: cholecystitis and/or cholelithiasis in any diagnosis field.

ICD-9-CM Uncomplicated cholecystitis and/or cholelithiasis diagnosis codes:
57400 CHOLELITH W AC CHOLECYS 5750 ACUTE CHOLECYSTITIS
57401 CHOLELITH/ AC GB INF-OBST 5751 CHOLECYSTITIS NEC (OCT96)
57410 CHOLELITH W CHOLECYS NEC 57510 CHRON CHOLECYSTITIS (OCT96)
57411 CHOLELITH/GB INF NEC-OBST 57511 AC/CHR CHOLECYSTITIS (OCT96)
57420 CHOLELITHIASIS NOS 57512 AC/CHR CHOLECYSTITIS (OCT96)
57421 CHOLELITHIASIS NOS W OBSTR

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)