

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 3M™ APR-DRG Grouper. This grouper corrects an issue found in Version 28 of the Limited License edition of the 3M™ 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 3M™ 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	CHOLECYSTITIS NOS (OCT96)
57411	CHOLELITH/GB INF NEC-OBS	57511	CHRON CHOLECYSTITIS (OCT96)
57420	CHOLELITHIASIS NOS	57512	AC/CHR CHOLECYSTITIS (OCT96)
57421	CHOLELITHIAS 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)