Laparoscopic Cholecystectomy Rate  
Technical Specifications

Inpatient Quality Indicators #23 (IQI #23)  
AHRQ Quality IndicatorsTM, Version 4.5, May 2013  
Provider-Level Indicator  
Type of Score: Rate

**Description**

Laparoscopic cholecystectomy discharges per 1,000 cholecystectomy discharges for patients with cholecystitis and/or cholelithiasis ages 18 years and older. Excludes obstetric discharges.

*NOTE: The software provides the rate per hospital discharge. However, common practice reports the measure as per 1,000 discharges. The user must multiply the rate obtained from the software by 1,000 to report specific procedure discharges per 1,000 hospital discharges.*

**Numerator**

Discharges, among cases meeting the inclusion and exclusion rules for the denominator, with any-listed ICD-9-CM procedure codes for laparoscopic cholecystectomy.

**ICD-9-CM Laparoscopic cholecystectomy procedure code:**  
5123 LAPAROSCOPIC CHOLECYSTECTOMY

**Denominator**

Discharges, for patients ages 18 years and older, with any-listed ICD-9-CM procedure codes for cholecystectomy and any-listed ICD-9-CM diagnosis codes for uncomplicated cholecystitis and/or cholelithiasis.

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

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

1 The procedure or diagnosis codes are continuously updated. The current list of ICD-9-CM codes is valid for October 2012 through September 2013. Italicized codes are not active in Fiscal Year 2013.

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