Laparoscopic Cholecystectomy Rate
Technical Specifications

Inpatient Quality Indicators #23 (IQI #23)
AHRQ Quality Indicators™, Version 5.0
March 2015
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 CHOLE

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