Laparoscopic Cholecystectomy Rate

Inpatient Quality Indicators #23
Technical Specifications
Provider-Level Indicator
Procedure Utilization Indicator
AHRQ Quality Indicators, Version 4.4, March 2012

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 CHOLECYSTECTOMY

Denominator

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

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

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

ICD-9-CM Uncomplicated cholecystitis and/or cholelithiasis diagnosis codes¹:
57400   CHOLELITH W AC CHOLECYST   5750   ACUTE CHOLECYSTITIS
57401   CHOLELITH/AC GB INF-OBST   5751   CHOLECYSTITIS NEC
57410   CHOLELITH W CHOLECYS NEC   57510  CHOLECYSTITIS NOS
57411   CHOLELITH/GB INF NEC-OBS   57511  CHRON CHOLECYSTITIS
57420   CHOLELITHIASIS NOS         57512  ACTE & CHR CHOLECYSTITIS
57421   CHOLELITHIAS NOS W OBSTR   ¹ Italicized codes are not active in the current fiscal year.

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)