



**AHRQ Quality Indicators™ (AHRQ QI™)
ICD-9-CM and ICD-10-CM/PCS
Specification Enhanced Version 5.0**

**Inpatient Quality Indicators #23 (IQI #23)
Laparoscopic Cholecystectomy Rate**

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Provider-Level Indicator
Type of Score: Rate**

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IQI #23 Laparoscopic Cholecystectomy 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.]

IQI #23 Laparoscopic Cholecystectomy Rate

NUMERATOR			
Discharges, among cases meeting the inclusion and exclusion rules for the denominator, with any-listed ICD-9-CM or ICD-10-PCS procedure codes for laparoscopic cholecystectomy.			
<i>Laparoscopic cholecystectomy procedure code: (PRLAPOP)</i>			
ICD-9-CM	Description	ICD-10-PCS	Description
5123	LAPAROSCOPIC CHOLE	0FT44ZZ	Resection of Gallbladder, Percutaneous Endoscopic Approach

IQI #23 Laparoscopic Cholecystectomy Rate

NUMERATOR EXCLUSIONS
<i>Not Applicable</i>

IQI #23 Laparoscopic Cholecystectomy Rate

DENOMINATOR			
Discharges, for patients ages 18 years and older, with any-listed ICD-9-CM or ICD-10-PCS procedure codes for cholecystectomy and any listed ICD-9-CM or ICD-10-CM diagnosis codes for uncomplicated cholecystitis and/or cholelithiasis.			
<i>Cholecystectomy procedure codes: (PRLAP2P)</i>			
ICD-9-CM	Description	ICD-10-PCS	Description
5122	CHOLECYSTECTOMY	OFT40ZZ	Resection of Gallbladder, Open Approach
5123	LAPAROSCOPIC CHOLE	OFT44ZZ	Resection of Gallbladder, Percutaneous Endoscopic Approach

<i>Uncomplicated cholecystitis and/or cholelithiasis diagnosis codes: (PRLAPOD)</i>			
ICD-9-CM	Description	ICD-10-CM	Description
57400	CHOLELITH W AC CHOLECYST	K8000	Calculus of gallbladder with acute cholecystitis without obstruction
57401	CHOLELITH/AC GB INF-OBST	K8001	Calculus of gallbladder with acute cholecystitis with obstruction
57410	CHOLELITH W CHOLECYS NEC	K8010	Calculus of gallbladder with chronic cholecystitis without obstruction
57411	CHOLELITH/GB INF NEC-OBS	K8011	Calculus of gallbladder with chronic cholecystitis with obstruction
57420	CHOLELITHIASIS NOS	K8012	Calculus of gallbladder with acute and chronic cholecystitis without obstruction
57421	CHOLELITHIAS NOS W OBSTR	K8013	Calculus of gallbladder with acute and chronic cholecystitis with obstruction
5750	ACUTE CHOLECYSTITIS	K8018	Calculus of gallbladder with other cholecystitis without obstruction

IQI #23 Laparoscopic Cholecystectomy Rate

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5751	CHOLECYSTITIS NEC	K8019	Calculus of gallbladder with other cholecystitis with obstruction
57510	CHOLECYSTITIS NOS	K8020	Calculus of gallbladder without cholecystitis without obstruction
57511	CHRON CHOLECYSTITIS	K8021	Calculus of gallbladder without cholecystitis with obstruction
57512	AC/CHR CHOLECYSTITIS	K8080	Other cholelithiasis without obstruction
		K810	Acute cholecystitis
		K811	Chronic cholecystitis
		K812	Acute cholecystitis with chronic cholecystitis
		K819	Cholecystitis, unspecified

IQI #23 Laparoscopic Cholecystectomy Rate

DENOMINATOR EXCLUSIONS

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)