

Esophageal Resection Volume Technical Specifications

Inpatient Quality Indicators #1 (IQI #1) AHRQ Quality Indicators™, Version 4.5, May 2013 Provider-Level Indicator Type of Score: Volume

Description

The number of hospital discharges with a procedure for esophageal resection or gastrectomy and esophageal cancer for patients 18 years and older or obstetric patients.

Numerator

Discharges, for patients ages 18 years and older or MDC 14 (pregnancy, childbirth, and puerperium), with either:

- any-listed ICD-9-CM procedure codes for esophageal resection; or
- any-listed ICD-9-CM procedure codes for gastrectomy and any-listed ICD-9-CM diagnosis codes for esophageal cancer.

ICD-9-CM Esophageal resection procedure codes¹:

| | | | |
|------|-----------------------------|------|----------------------------|
| 424 | <i>ESOPHAGECTOMY</i> | 4258 | THORAC INTERPOSITION NEC |
| 4240 | ESOPHAGECTOMY NOS | 4259 | THORAC ESOPHAG ANAST NEC |
| 4241 | PARTIAL ESOPHAGECTOMY | 426 | <i>STERN ESOPHAG ANAST</i> |
| 4242 | TOTAL ESOPHAGECTOMY | 4261 | STERN ESOPHAGUESOPHAGOST |
| 425 | <i>THORAC ESOPHAG ANAST</i> | 4262 | STERN ESOPHAGOGASTROSTOM |
| 4251 | THORAC ESOPHAGUESOPHAGOS | 4263 | STERN SM BOWEL INTERPOS |
| 4252 | THORAC ESOPHAGOGASTROST | 4264 | STERN ESOPHAGOENTER NEC |
| 4253 | THORAC SM BOWEL INTERPOS | 4265 | STERN LG BOWEL INTERPOS |
| 4254 | THORAC ESOPHAGOENTER NEC | 4266 | STERN ESOPHAGOCOLOS NEC |
| 4255 | THORAC LG BOWEL INTERPOS | 4268 | STERN INTERPOSITION NEC |
| 4256 | THORAC ESOPHAGOCOLOS NEC | 4269 | STERN ESOPHAG ANAST NEC |

¹The 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.

ICD-9-CM Gastrectomy procedure code:

4399 TOTAL GASTRECTOMY NEC

ICD-9-CM Esophageal cancer diagnosis codes:

| | | | |
|------|--------------------------|------|--------------------------|
| 1500 | MAL NEO CERVICAL ESOPHAG | 1504 | MAL NEO MIDDLE 3RD ESOPH |
| 1501 | MAL NEO THORACIC ESOPHAG | 1505 | MAL NEO LOWER 3RD ESOPH |
| 1502 | MAL NEO ABDOMIN ESOPHAG | 1508 | MAL NEO ESOPHAGUS NEC |
| 1503 | MAL NEO UPPER 3RD ESOPH | 1509 | MAL NEO ESOPHAGUS NOS |

Exclude cases:

- with missing gender (SEX=missing), age (AGE=missing), quarter (DQTR=missing), year (YEAR=missing) or principal diagnosis (DX1=missing)

Denominator

Not applicable.