Esophageal Resection Volume

Inpatient Quality Indicators #1
Technical Specifications
Provider-Level Indicator
Procedure Utilization Indicator
AHRQ Quality Indicators, Version 4.3, August 2011

Version 4.3a is a maintenance release of Version 4.3. The differences between the two versions are:

- Version 4.3a includes Version 29 of the Limited License edition of the 3M™ APR-DRG Grouper. This grouper corrects an issue found in Version 28 of the Limited License edition of the 3M™ APR-DRG Grouper. The grouper is only used with the Inpatient Quality Indicator (IQI) mortality measures. Version 4.3 includes Version 28 of the Limited License edition of the 3M™ APR-DRG Grouper, which was incorrectly assigning a Risk of Mortality (ROM) subclass for cases dated on or after 10/1/10.
- Version 4.3a allows users to calculate area-level indicators for years 2010 and 2011, correcting an issue previously identified in Version 4.3.

All other aspects of the software, including measure specifications, remain the same. Thus this document (related to Version 4.3) remains unchanged.

Numerator

Discharges, age 18 years and older, with ICD-9-CM code for esophageal resection in any procedure field

**ICD-9-CM esophageal resection procedure codes:**

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

**OR**

With gastrectomy procedure code

**ICD-9-CM gastrectomy procedure code:**

- 4399 OTHER TOTAL GASTRECTOMY

**and**

With any diagnosis code for esophageal cancer
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)

**Denominator**

Not applicable.