

Esophageal Resection Volume Technical Specifications

Inpatient Quality Indicators #1 (IQI #1)

AHRQ Quality Indicators™, Version 5.0

March 2015

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 codes:

424	ESOPHAGECTOMY	4258	THORAC INTERPOSITION NEC
4240	ESOPHAGECTOMY NOS	4259	THORAC ESOPHAG ANAST NEC
4241	PARTIAL ESOPHAGECTOMY	426	STERN ESOPHAG ANAST
4242	TOTAL ESOPHAGECTOMY	4261	STERN ESOPHAGOGASTROSTOM
425	THORAC ESOPHAG ANAST	4262	STERN ESOPHAGOGASTROSTOM
4251	THORAC ESOPHAGOGASTROSTOM	4263	STERN SM BOWEL INTERPOS
4252	THORAC ESOPHAGOGASTROSTOM	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

ICD-9-CM Total gastrectomy procedure code:

4399	TOTAL GASTRECTOMY NEC
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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.