
CBE ID

0359

Title

Abdominal Aortic Aneurysm (AAA) Repair Mortality Rate (IQI 11)

Project

Surgery

Endorsement Status

Endorsement Removed

Is Under Review

No

Previous Endorsement Cycle

Fall 2017

Removal Date

Sun, 05/09/2021 - 20:00

Initial Endorsement

Wed, 05/14/2008 - 20:00

Steward

Agency for Healthcare Research and Quality

1.0 New or Maintenance

Maintenance

1.1 Measure Structure

Single Measure

1.3 Electronic Clinical Quality Measure (eCQM)

No

1.6 Measure Description

In-hospital deaths per 1,000 discharges with abdominal aortic aneurysm (AAA) repair, ages 18 years and older. Includes metrics for discharges grouped by type of diagnosis and procedure. Excludes obstetric discharges and transfers to another hospital.

[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 in-hospital deaths per 1,000 hospital discharges.]

1.7 Measure Type

Outcome

1.8 Level of Analysis

Facility

1.9 Care Setting

Inpatient/Hospital

1.14 Numerator

Overall: Number of deaths (DISP=20) among cases meeting the inclusion and exclusion rules for the denominator. Stratum A (Open repair of ruptured AAA): Number of deaths (DISP=20) among cases meeting the inclusion and exclusion rules for the denominator. Stratum B (Open repair of unruptured AAA): Number of deaths (DISP=20) among cases meeting the inclusion and exclusion rules for the denominator. Stratum C (Endovascular repair of ruptured AAA): Number of deaths (DISP=20) among cases meeting the inclusion and exclusion rules for the denominator. Stratum D (Endovascular repair of unruptured AAA): Number of deaths (DISP=20) among cases meeting the inclusion and exclusion rules for the denominator.

1.15 Denominator

Overall: Discharges, for patients ages 18 years and older, with the following • any-listed ICD-9-CM diagnosis codes for ruptured AAA and any-listed ICD-9-CM procedure code for open AAA repair; or • any-listed ICD-9-CM diagnosis codes for unruptured AAA and any-listed ICD-9-CM procedure codes for open AAA repair; or • any-listed ICD-9-CM diagnosis codes for ruptured AAA and any-listed ICD-9-CM procedure codes for endovascular AAA repair; or • any-listed ICD-9-CM diagnosis codes for unruptured AAA and any-listed ICD-9-CM procedure codes for endovascular AAA repair. Stratum A (Open repair of ruptured AAA): Discharges, for patients ages 18 years and older, with any-listed ICD-9-CM diagnosis code for ruptured AAA (see above) and any-listed ICD-9-CM procedure code for open AAA repair (see above). Stratum B (Open repair of unruptured AAA): Discharges, for patients ages 18 years and older, with any-listed ICD-9-CM diagnosis code for unruptured AAA (see above) and any-listed ICD-9-CM procedure code for open AAA repair (see above). Stratum C (Endovascular repair of ruptured AAA): Discharges, for patients ages 18 years and older, with any-listed ICD-9-CM diagnosis code for ruptured AAA (see above) and any-listed ICD-9-CM procedure code for endovascular AAA repair (see above). Stratum D (Endovascular repair of unruptured AAA): Discharges, for patients ages 18 years and older, with any-listed ICD-9-CM diagnosis code for unruptured AAA (see above) and any-listed ICD-9-CM procedure code for endovascular AAA repair (see above).

1.20 Types of Data Sources

Claims Data

6.1.2 Current or Planned Use(s)

Public Reporting, Quality Improvement (Internal to the specific organization)

Exclusions

Overall:

Exclude cases:

- transferring to another short-term hospital (DISP=2)
- 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)

Measure Disclaimer

None

Planned Use

Public Reporting, Quality Improvement (Internal to the specific organization)

Risk Adjustment

Statistical risk model

Target Population

Elderly

Steward Organization

Agency for Healthcare Research and Quality

Steward POC email

Pam.Owens@ahrq.hhs.gov