Abdominal Aortic Aneurysm (AAA) Repair Mortality Rate

Inpatient Quality Indicators #11
Technical Specifications
Provider-Level Indicator
Procedure Mortality 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^{TM} APR-DRG Grouper. This grouper corrects an issue found in Version 28 of the Limited License edition of the 3M^{TM} 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^{TM} 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

Number of deaths (DISP=20) among cases meeting the inclusion and exclusion rules for the denominator.

Denominator

Discharges, age 18 years and older, with ICD-9-CM AAA repair code procedure **and** a diagnosis of AAA in any field.

ICD-9-CM AAA repair procedure codes:

3834	AORTA RESECTION & ANAST	3864	EXCISION OF AORTA
3844	RESECT ABDM AORTA W REPL	3971	ENDO IMPLANT OF GRAFT IN AORTA

ICD-9-CM AAA diagnosis codes:

4413	RUPT ABD AORTIC ANEURYSM	4414	ABDOM AORTIC ANEURYSM

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)