Abdominal Aortic Aneurysm (AAA) Repair Mortality Rate

Inpatient Quality Indicators #11
Technical Specifications
Provider-Level Indicator
Procedure Mortality Indicator
AHRQ Quality Indicators, Version 4.4, March 2012

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 procedure code and a diagnosis of AAA in any field.

ICD-9-CM AAA repair procedure codes:\n\begin{itemize}
  \item 3834 AORTA RESECTION & ANAST
  \item 3844 RESECT ABDM AORTA W REPL
  \item 3864 EXCISION OF AORTA
  \item 3971 ENDO IMP OTH GRF ABD AOR
  \item 3977 TEMP ENDOVSC OCCLS VESSEL
  \item 3978 ENDOVAS IMPLN GRFT AORTA
\end{itemize}

\textsuperscript{1} Bolded codes are new to the current fiscal year.

ICD-9-CM AAA diagnosis codes:
\begin{itemize}
  \item 4413 RUPT ABD AORTIC ANEURYSM
  \item 4414 ABDOM AORTIC ANEURYSM
\end{itemize}

Exclude cases:
\begin{itemize}
  \item transferring to another short-term hospital (DISP=2)
  \item MDC 14 (pregnancy, childbirth, and puerperium)
  \item with missing discharge disposition (DISP=missing), gender (SEX=missing), age (AGE=missing), quarter (DQTR=missing), year (YEAR=missing) or principal diagnosis (DX1=missing)\end{itemize}