
CBE ID

0467

Title

Acute Stroke Mortality Rate (IQI 17)

Project

Neurology

Endorsement Status

Endorsement Removed

Is Under Review

No

Previous Endorsement Cycle

Fall 2017

Removal Date

Sun, 05/09/2021 - 20:00

Initial Endorsement

Sun, 06/22/2008 - 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 hospital discharges with acute stroke as a principal diagnosis for patients ages 18 years and older. Includes metrics for discharges grouped by type of stroke. 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 (Subarachnoid hemorrhage): Number of deaths (DISP=20) among cases meeting the inclusion and exclusion rules for the denominator. Stratum B (Intracerebral hemorrhage): Number of deaths (DISP=20) among cases meeting the inclusion and exclusion rules for the denominator. Stratum C (Ischemic stroke): 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 a principal ICD-9-CM diagnosis code for subarachnoid hemorrhage or a principal ICD-9-CM diagnosis code for intracerebral hemorrhage or a principal ICD-9-CM diagnosis code for ischemic stroke.

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)

Stratum A (Subarachnoid hemorrhage):

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)

Stratum B (Intracerebral hemorrhage) :

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)

Stratum C (Ischemic stroke):

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

Not applicable

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