
CBE ID

2558

Title

Hospital 30-day, all-cause, risk-standardized mortality rate (RSMR) following coronary artery bypass graft (CABG) surgery

Endorsement Status

Endorsed by Extension

Is Under Review

No

Next Maintenance Cycle

Spring 2028

Previous Endorsement Cycle

Fall 2022

Initial Endorsement

Wed, 11/12/2014 - 12:24

Steward

Centers for Medicare & Medicaid Services

1.0 New or Maintenance

Maintenance

1.1 Measure Structure

Single Measure

1.3 Electronic Clinical Quality Measure (eCQM)

No

1.6 Measure Description

The measure estimates a hospital-level RSMR for patients 18 years and older discharged from the hospital following a qualifying isolated CABG procedure. Mortality is defined as death from any cause within 30 days of the procedure date of an index CABG admission. An index CABG admission is the hospitalization for a qualifying isolated CABG procedure considered for the mortality outcome. The measure was developed using Medicare Fee-for-Service (FFS) patients 65 years and older and was tested in all-payer patients 18 years and older.

1.7 Measure Type

Outcome

1.8 Level of Analysis

Facility

1.14 Numerator

The outcome for this measure is 30-day all-cause mortality. Mortality is defined as death for any reason within 30 days of the procedure date from the index admission for patients discharged from the hospital after undergoing isolated CABG surgery.

1.15 Denominator

This claims-based measure can be used in either of two patient cohorts: (1) patients aged 65 years or older or (2) patients aged 18 years or older. We have tested the measure in both age groups. The cohort includes admissions for patients who receive a qualifying isolated CABG procedure (see the attached Data Dictionary) and with a complete claims history for the 12 months prior to admission. The measure is publicly reported by CMS for those patients 65 years or older who are Medicare FFS beneficiaries admitted to non-federal hospitals. For patients with more than one qualifying CABG surgery admission in the measurement period, the first CABG admission is selected for inclusion in the measure and the subsequent CABG admission(s) are excluded from the cohort.

1.20 Types of Data Sources

Claims Data

6.1.2 Current or Planned Use(s)

Public Reporting, Payment Program

Developer POC email

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Exclusions

The CABG surgery mortality measure excludes index admissions for patients:

1. With inconsistent or unknown vital status or other unreliable demographics (age and gender) data; or,
2. Discharged against medical advice (AMA).

For patients with more than one qualifying CABG surgery admission in the measurement period, the first CABG admission is selected for inclusion in the measure and the subsequent CABG admission(s) are excluded from the cohort.

Measure Developer POC

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Measure Disclaimer

N/A

Planned Use

Payment Program, Public Reporting

Risk Adjustment

Statistical risk model

Target Population

Elderly

Use In Federal Program

Hospital Compare, Hospital Inpatient Quality Reporting Program

The measure developer is different from the measure steward

Yes

Steward Organization

Centers for Medicare & Medicaid Services

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