



# **Inpatient Quality Indicator 31 (IQI 31) Carotid Endarterectomy Mortality Rate**

**July 2017**

**Provider-Level Indicator**

**Type of Score: Rate**

**Prepared by:**

Agency for Healthcare Research and Quality

U.S. Department of Health and Human Services

[www.qualityindicators.ahrq.gov](http://www.qualityindicators.ahrq.gov)

**DESCRIPTION**

In-hospital deaths per 1,000 carotid endarterectomy (CEA) discharges for patients ages 18 years and older. 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.]*

**NUMERATOR**

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

**DENOMINATOR**

Discharges, for patients ages 18 years and older, with any-listed ICD-10-PCS procedure codes for carotid endarterectomy (**PRCEATP**<sup>\*</sup>).

## **DENOMINATOR EXCLUSIONS**

Exclude cases:

- MDC 14 (pregnancy, childbirth, and puerperium)
- transferring to another short-term hospital (DISP=2)
- with missing discharge disposition (DISP=missing), gender (SEX=missing), age (AGE=missing), quarter (DQTR=missing), year (YEAR=missing) or principal diagnosis (DX1=missing)

\* See below for code list

***Carotid endarterectomy procedure codes: (PRCEATP)***

03CH0Z6	Extirpation of Matter from Right Common Carotid Artery, Bifurcation, Open Approach	03CK0Z6	Extirpation of Matter from Right Internal Carotid Artery, Bifurcation, Open Approach
03CH0ZZ	Extirpation of Matter from Right Common Carotid Artery, Open Approach	03CK0ZZ	Extirpation of Matter from Right Internal Carotid Artery, Open Approach
03CJ0Z6	Extirpation of Matter from Left Common Carotid Artery, Bifurcation, Open Approach	03CL0Z6	Extirpation of Matter from Left Internal Carotid Artery, Bifurcation, Open Approach
03CJ0ZZ	Extirpation of Matter from Left Common Carotid Artery, Open Approach	03CL0ZZ	Extirpation of Matter from Left Internal Carotid Artery, Open Approach