



AHRQ Quality Indicators™ (AHRQ QI™) ICD-10-CM/PCS Specification Version 6.0

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

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**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.

*Carotid endarterectomy procedure codes: (PRCEATP)*

03CH0ZZ Extirpation of Matter from Right  
Common Carotid Artery, Open  
Approach

03CK0ZZ Extirpation of Matter from Right  
Internal Carotid Artery, Open Approach

03CJ0ZZ Extirpation of Matter from Left  
Common Carotid Artery, Open  
Approach

03CL0ZZ Extirpation of Matter from Left Internal  
Carotid Artery, Open Approach

## **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)