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  

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^).
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)

<table>
<thead>
<tr>
<th>Code</th>
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</tr>
</thead>
<tbody>
<tr>
<td>03CH0Z6</td>
<td>Extirpation of Matter from Right Common Carotid Artery, Bifurcation, Open Approach</td>
<td>03CK0Z6</td>
<td>Extirpation of Matter from Right Internal Carotid Artery, Bifurcation, Open Approach</td>
</tr>
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<td>03CH0ZZ</td>
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<tr>
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