CMS HAC: Falls and Trauma

NQF#: Not NQF Endorsed

Developer: Centers for Medicare and Medicaid Services (CMS)

Data Source: CMS Hospital Compare

Description: Patient death or serious disability associated with a fall while being cared for in a healthcare facility. All documented patient falls with an injury level of minor (2) or greater.

Numerator: Number of occurrences of the following diagnosis codes as a secondary diagnosis (diagnoses 2-9 on a claim) with a POA code of ‘N’ or ‘U’ and designated as a 2010 Complication or Comorbidity (CC) or Major Complication or Comorbidity (MCC):
- Fracture 800-829 (CC/MCC)
- Dislocation 830-839 (CC/MCC)
- Intracranial injury 850-854 (CC/MCC)
- Crushing injury 925-929 (CC/MCC)
- Burn 940-949 (CC/MCC)
- Electric shock 991-994 (CC/MCC)

Lists of 2010 CCs and MCCs can be found in Tables 6G-6K at the following website:
http://www.cms.gov/AcuteInpatientPPS/10FR/itemdetail.asp?filterType=none&filterByDID=99&sortByDID=1&sortOrder=ascending&itemID=CMS1227455&intNumPerPage=10

Denominator: Number of acute inpatient FFS discharges during time period

Impact:
- Affects large numbers.
- The most common HAC reported is injury from a fall or some other type of trauma. Over 70 percent of hospitals reporting to CMS reported at least one fall or trauma during the reporting period.

Opportunity:
- Opportunity for improvement exists, as demonstrated by the coefficient of variation for the measure.

Evidence:
- A literature search of clinical trial, meta-analyses, systematic reviews, or regulatory statements and other professional order sets and protocols was performed and the quality and strength of evidence was weighted according to a given rating scheme.
- Evidence ratings vary from Class A to Class R, with the vast majority rated from class C to R.
  - Class A: Randomized, controlled trial
  - Class B: Cohort study
  - Class C: Non-randomized trial with concurrent or historical controls, case-control study, study of sensitivity and specificity of a diagnostic test, population-based descriptive study
  - Class D: Cross-sectional study, case series, case report
  - Class M: Meta-analysis, systematic review, decision analysis, cost-effectiveness analysis
  - Class R: Consensus statement, consensus report, narrative review

Citations for Evidence:

Leapfrog Measure Scores

<table>
<thead>
<tr>
<th>Evidence Score:</th>
<th>2, based on rating from expert panel on patient safety</th>
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<tbody>
<tr>
<td>Opportunity Score:</td>
<td>1.839, based on the coefficient of variation for the measure</td>
</tr>
<tr>
<td>Impact Score:</td>
<td>3, based on the number of patients affected and severity of harm</td>
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<tr>
<td>Overall Weight:</td>
<td>5.9%</td>
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http://www.guideline.gov/content.aspx?id=16005