**Documentation of core physiological observations**

### Identifying and Definitional Attributes

<table>
<thead>
<tr>
<th><strong>Short Name:</strong></th>
<th>Documentation of core physiological observations</th>
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<tbody>
<tr>
<td><strong>Description:</strong></td>
<td>The proportion of patients audited that have complete sets of core physiological observations documented as part of their last set of recorded observations.</td>
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<td><strong>Type of Quality Measure:</strong></td>
<td>Process measure</td>
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<td><strong>Rationale:</strong></td>
<td>There is an increasing body of work demonstrating the association between abnormal physiological observations and the occurrence of clinical deterioration leading to critical illness and serious adverse outcomes. Facilities need to ensure that acute care areas are measuring the core physiological observations required to identify clinical deterioration</td>
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</table>
| **Definitions:** | **Admitted patient:** any patient for whom the hospital accepts responsibility for the provision of inpatient care and/or treatment. Admission follows a clinical decision based upon specified criteria that a patient requires same day or overnight care or treatment.  
**Complete set of core physiological observations:** a set of documented observations that includes respiratory rate, heart rate, blood pressure, temperature, oxygen saturation, level of consciousness.  
**Last observation set:** set of observations conducted most recently before the audit and documented on the patient’s observation chart or other record.  
**Monitoring plan:** a document that outlines the physiological observations to be measured and the frequency of this measurement |

### Collection and Usage Attributes

| **Population:** | Admitted patients who require core physiological observations to be measured according to their monitoring plan |
| **Computation:** | Percentage of last observation sets with complete sets of core physiological observations documented  
\[
\text{Numerator} \times 100 \quad \text{Denominator}
\]  
**Numerator:** Number of last observation sets audited with complete sets of core physiological observations documented  
**Denominator:** Total number of last observation sets audited |

### Comments

- A high percentage of last observation sets with complete sets of core physiological observations documented is desirable  
- Data collection for this quality measure may be combined with data collection for ‘Compliance with monitoring plans or policies.’ There is an audit tool available on the Commission’s website for this purpose  
- It may be useful to audit a variety of clinical areas at different times of day to examine whether there are differences in practices  
- In incomplete sets of observations, collecting data about which observation is missing can assist with targeting education sessions to improve compliance  
- Collecting data for this quality measure will require review of the patient’s observation chart or other records where observations are documented
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**REFERENCES**

**REFERENCE DOCUMENTS:**