

# **Delirium clinical care standard indicators: 4a- Proportion of admitted patients who screened positive for cognitive impairment on presentation to hospital who were then assessed for delirium using a validated tool**

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# Delirium clinical care standard indicators: 4a- Proportion of admitted patients who screened positive for cognitive impairment on presentation to hospital who were then assessed for delirium using a validated tool

## Identifying and definitional attributes

<b>Metadata item type:</b>	Indicator
<b>Indicator type:</b>	Indicator
<b>Short name:</b>	4a-Proportion of admitted patients who screened positive for cognitive impairment on presentation to hospital who were then assessed for delirium using a validated tool
<b>METEOR identifier:</b>	745814
<b>Registration status:</b>	<a href="#">Australian Commission on Safety and Quality in Health Care</a> , Standard 09/09/2021
<b>Description:</b>	Proportion of admitted patients who screened positive for cognitive impairment on presentation to hospital who were then assessed for delirium using a validated tool.
<b>Indicator set:</b>	<a href="#">Clinical care standard indicators: delirium 2021</a> <a href="#">Australian Commission on Safety and Quality in Health Care</a> , Standard 09/09/2021

## Collection and usage attributes

<b>Computation description:</b>	<p>'On presentation' means within 24 hours of presentation at hospital. This includes any time that the patient may have spent in the emergency department.</p> <p>'Screen positive for cognitive impairment' means that a score was obtained for the patient on the validated cognitive impairment screening tool used locally that was indicative of cognitive impairment according to the parameters set by the tool or agreed locally.</p> <p>To be included in the numerator, an assessment of delirium must be undertaken and must include the use of a validated delirium diagnostic/assessment tool. There are a range of validated diagnostic/assessment tools available. Examples include:</p> <ul style="list-style-type: none"><li>• 4AT – Assessment test for delirium and cognitive impairment</li><li>• Confusion Assessment Method (CAM)</li><li>• Confusion Assessment Method for the Intensive Care Unit (CAM-ICU)</li><li>• 3D-CAM</li><li>• Delirium Observation Screening (DOS) scale</li><li>• Delirium Rating Scale-Revised-98 (DRS-R-98)</li><li>• Memorial Delirium Assessment Scale (MDAS)</li><li>• Nursing Delirium Screening Scale (Nu-DESC).</li></ul> <p>The 4AT has been validated both for screening for cognitive impairment and delirium assessment. Administration of the 4AT meets the numerator criteria for this indicator and for <a href="#">Delirium clinical care standard indicators: 1b-Proportion of admitted patients aged &gt;=65 years or &gt;=45 years for Aboriginal and Torres Strait Islander people screened for cognitive impairment using a validated tool within 24hrs of presentation to hospital</a>.</p> <p>Presented as a percentage.</p>
<b>Computation:</b>	$(\text{Numerator} \div \text{Denominator}) \times 100$
<b>Numerator:</b>	The number of admitted patients who screened positive for cognitive impairment on presentation to hospital who were then assessed for delirium using a validated tool.

**Denominator:** The number of patients admitted who screened positive for cognitive impairment on presentation to hospital.

**Comments:** This indicator is based on the Ontario Senior Friendly Hospital Strategy Delirium and Functional Decline Indicators (Wong et al, 2012).

## Representational attributes

**Representation class:** Percentage

**Data type:** Real

**Unit of measure:** Person

**Format:** N[NN]

## Source and reference attributes

**Submitting organisation:** Australian Commission on Safety and Quality in Health Care

**Reference documents:** Australian Commission on Safety and Quality in Health Care. Delirium Clinical Care Standard. Sydney: ACSQHC; 2021.

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