

Hip Fracture Clinical Care Standard: 1a- Proportion of patients with a hip fracture who were screened for cognitive impairment using a validated tool on presentation to hospital

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Hip Fracture Clinical Care Standard: 1a- Proportion of patients with a hip fracture who were screened for cognitive impairment using a validated tool on presentation to hospital

Identifying and definitional attributes

Metadata item type:	Indicator
Indicator type:	Indicator
Short name:	1a-Proportion of patients with a hip fracture who were screened for cognitive impairment using a validated tool on presentation to hospital
METEOR identifier:	780818
Registration status:	Australian Commission on Safety and Quality in Health Care, Standard 10/09/2023
Description:	Proportion of patients with a hip fracture who were screened for cognitive impairment using a validated tool on presentation to hospital.
Indicator set:	Hip Fracture Clinical Care Standard 2023 Australian Commission on Safety and Quality in Health Care, Standard 10/09/2023

Collection and usage attributes

Population group age from:	50 years or older
Computation description:	<p>The numerator includes patients with a hip fracture who were screened for cognitive impairment using a validated tool on presentation to hospital and the results were recorded in their medical record. There are a range of validated tools for screening for cognitive impairment. They include:</p> <ul style="list-style-type: none">• Abbreviated Mental Test Score (AMTS)• 4AT test: screening instrument for cognitive impairment and delirium• Kimberly Indigenous Cognitive Assessment (KICA) tools <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 3b-Proportion of patients with a hip fracture who were assessed for delirium following surgery.</p>
Computation:	$(\text{Numerator} \div \text{denominator}) \times 100$
Numerator:	Number of patients with a hip fracture who were screened for cognitive impairment using a validated tool on presentation to hospital.
Denominator:	Number of patients with a hip fracture who presented to hospital.
Comments:	Undertaking screening for cognitive impairment for patients with hip fracture also meets the requirements for Delirium clinical care standard indicators: 1b- Proportion of admitted patients aged 65 years or older or 45 years or older for Aboriginal and Torres Strait Islander people who were screened for cognitive impairment using a validated tool within 24 hours of presentation to hospital

Representational attributes

Representation class:	Percentage
Data type:	Real
Unit of measure:	Service event
Format:	N[NN]

Accountability attributes

Reporting requirements: Hip Fracture Clinical Care Standard 2023

Organisation responsible for providing data: Health service organisation

Accountability: Health service organisation

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.

Bellelli G, Morandi A, Davis DH, Mazzola P, Turco R, Gentile S, et al. Validation of the 4AT, a new instrument for rapid delirium screening: a study in 234 hospitalised older people. *Age Ageing*. 2014 Jul;43(4):496–502.

Hodkinson HM. Evaluation of a mental test score for assessment of mental impairment in the elderly. *Age Ageing*. 1972 Nov;1(4):233-8.

LoGiudice D, Smith K, Thomas J, Lautenschlager NT, Almeida OP, Atkinson D, et al. Kimberley Indigenous Cognitive Assessment tool (KICA): development of a cognitive assessment tool for older indigenous Australians. *Int Psychogeriatr*. 2006 Jun;18(2):269-80.