Antimicrobial stewardship: 1a-Median time to first dose of antibiotics for patients with suspected bacterial meningitis, or for actual or suspected severe sepsis

Exported from METEOR (AIHW's Metadata Online Registry)

Antimicrobial stewardship: 1a-Median time to first dose of antibiotics for patients with suspected bacterial meningitis, or for actual or suspected severe sepsis

Identifying and definitional attributes

Metadata item type:	Indicator
Indicator type:	Indicator
Short name:	Indicator 1a-Median time to first dose of antibiotics for patients with suspected bacterial meningitis, or for actual or suspected severe sepsis
METEOR identifier:	612218
Registration status:	Australian Commission on Safety and Quality in Health Care, Retired 25/01/2022 Health, Standard 12/09/2016
Description:	Median time from first clinical contact to the first dose of antibiotics for patients with suspected **bacterial meningitis**, or for patients requiring admission to an intensive care unit for actual or suspected **severe sepsis.**
Rationale:	A delay in starting antibiotic treatment for life-threatening infections is associated with increased morbidity and mortality (Antibiotic Expert Group 2014).
Indicator set:	Clinical care standard indicators: antimicrobial stewardship Australian Commission on Safety and Quality in Health Care, Retired 25/01/2022 Health, Standard 12/09/2016
Outcome area:	Life-threatening conditions Health, Standard 12/09/2016

Collection and usage attributes

Computation description:	Time is in hours and minutes, i.e. HH:MM. The median value corresponds to the middle observation in an ordered list. To calculate the median, the data must first be ranked (sorted in ascending order). The position of the median is: $\{(n + 1) \div 2\}$th value Where n is the number of values in a set of data. For patients requiring admission to an intensive care unit for actual or suspected severe sepsis, include rural patients, and exclude patients admitted to an intensive care unit from a ward (i.e. not from an emergency department). Only include cases where Hospital service—care type, code N[N] = 1 Acute care.
Computation:	Median time from first clinical contact (with a general practitioner, ambulance service or emergency department) to the first dose of antibiotics for patients with suspected bacterial meningitis or for patients requiring admission to an intensive care unit for actual or suspected severe sepsis.

Representational attributes

Representation class:	Median
Data type:	Real
Unit of measure:	Time (e.g. days, hours)
Format:	N[N].N

Source and reference attributes

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

Reference documents: Antibiotic Expert Group 2014. Therapeutic guidelines: antibiotic. Version 15. Melbourne: Therapeutic Guidelines Limited.