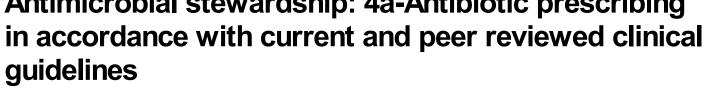
Antimicrobial stewardship: 4a-Antibiotic prescribing



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Antimicrobial stewardship: 4a-Antibiotic prescribing in accordance with current and peer reviewed clinical guidelines

Identifying and definitional attributes

Metadata item type: Indicator Indicator type: Indicator

Short name: Indicator 4a-Antibiotic prescribing in accordance with current and peer reviewed

clinical guidelines

METEOR identifier: 612220

Registration status: Australian Commission on Safety and Quality in Health Care, Retired 25/01/2022

Health, Standard 12/09/2016

Description: Proportion of antibiotic prescriptions that are in accordance with current and peer

reviewed clinical guidelines.

Rationale: The decision to prescribe an antibiotic should always be clinically justified and

guided by the latest version of *Therapeutic guidelines: antibiotic* (Antibiotic Expert Group 2014) or locally-endorsed antibiotic prescribing guidelines. This ensures that the correct drug is prescribed, and the dose and duration of therapy are optimised

(Duguid & Cruickshank 2011).

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: Use of guidelines and clinical condition

Health, Standard 12/09/2016

Collection and usage attributes

Computation description: For the numerator and denominator, there may be one or more prescriptions for

any one patient during an episode of admitted care. All prescriptions meeting the

criteria for the numerator or the denominator should be counted.

For the numerator, 'in accordance' with guidelines means that the prescription aligns with the choice of antimicrobial, dose, route, and frequency, as per the

quidelines used.

Presented as a percentage

Computation: (Numerator ÷ denominator) x 100

Numerator: Number of prescriptions for an antibiotic that are in accordance with the current

version of Therapeutic guidelines: antibiotic or locally-endorsed antibiotic

prescribing guidelines.

Denominator: Number of prescriptions for antibiotics.

Comments: There are a number of existing audit tools where samples of medication charts are

assessed for appropriateness and compliance of antimicrobial prescribing against

the Therapeutic guidelines: antibiotic. These include:

 The National Antimicrobial Prescribing Survey (NAPS)—conducted by the Centre of Research Excellence—National Centre for Antimicrobial

Stewardship (NCAS), using a point prevalence survey.

 Audits of GP prescribing administered by the National Prescribing Service (NPS) MedicineWise. These include, but are not confined to, antimicrobial

prescribing.

Representational attributes

Representation class: Percentage

Data type: Real

Unit of measure: Service event

Format: N[NN]

Source and reference attributes

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

Melbourne: Therapeutic Guidelines Limited.

Duguid M & Cruickshank M (eds) 2011. Antimicrobial stewardship in Australian hospitals. Sydney: Australian Commission on Safety and Quality in Health Care.