

# **Osteoarthritis of the knee clinical care standard indicators: 5b-Proportion of patients with knee osteoarthritis prescribed oral non-steroidal anti-inflammatory drugs (NSAIDs) with documented assessment of risks**

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## Identifying and definitional attributes

Metadata item type:	Indicator
Indicator type:	Indicator
Short name:	Indicator 5b-Proportion of patients with knee osteoarthritis prescribed oral non-steroidal anti-inflammatory drugs (NSAIDs) with documented assessment of risks
METEOR identifier:	644304
Registration status:	<a href="#">Health</a> , Standard 02/08/2017
Description:	Proportion of patients with knee <a href="#">osteoarthritis</a> prescribed oral NSAIDs with the risks of gastrointestinal bleeding, cardiovascular disease and renal complications documented in their medical record (paper or electronic).
Rationale:	Oral NSAIDs are not appropriate for patients with high comorbidity risk (McAlindon et al. 2014), and are associated with increased risk of serious gastrointestinal, cardiovascular and renal harms (Chou et al. 2011). The risks are higher for oral NSAIDs than for topical NSAIDs (Derry et al. 2016).
Indicator set:	<a href="#">Clinical care standard indicators: osteoarthritis of the knee</a> <a href="#">Health</a> , Standard 02/08/2017

## Collection and usage attributes

Population group age from:	45 years
Computation description:	Presented as a percentage.
Computation:	$(\text{Numerator} \div \text{denominator}) \times 100$
Numerator:	Number of patients with knee osteoarthritis prescribed oral NSAIDs with documented assessment of gastrointestinal bleeding risk, cardiovascular disease risks and renal risks.
Denominator:	Number of patients with knee osteoarthritis prescribed oral NSAIDs.
Comments:	This indicator has been adapted from the <i>Health care quality indicators for osteoarthritis</i> (European Musculoskeletal Conditions Surveillance and Information Network 2008).

## Representational attributes

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

## Accountability attributes

Other issues caveats:	Applicable setting: primary and specialist care (including hospital-based specialist care).
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## Source and reference attributes

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

**Reference documents:** Chou R, McDonagh MS, Nakamoto E & Griffin J 2011. Analgesics for Osteoarthritis: An Update of the 2006 Comparative Effectiveness Review. Review No. 38. Rockville: Agency for Healthcare Research and Quality.

Derry S, Conaghan P, Da Silva JA, Wiffen PJ & Moore RA 2016. Topical NSAIDs for chronic musculoskeletal pain in adults. Cochrane Database Syst Rev 4: Cd007400.

European Musculoskeletal Conditions Surveillance and Information Network 2008. Health care quality indicators for osteoarthritis. Truro: European Musculoskeletal Conditions Surveillance and Information Network. Viewed 29 March 2016, <http://www.eumusc.net/myUploadData/files/EUMUSC%20Health%20care%20quality%20indicators%20for%20OA%20KE.pdf>.

McAlindon TE, Bannuru RR, Sullivan MC, Arden NK, Berenbaum F, Bierma-Zeinstra SM et al. 2014. OARSJ guidelines for the non-surgical management of knee osteoarthritis. Osteoarthritis and Cartilage 22(3): 363-388.