

OA quality indicators systematic review Supplementary Table S3 - Excluded studies

Abraham et al. (2005)	Guideline adherence study
Alghamdi et al. (2004)	Exercise intervention review
Allen et al. (2008)	Intervention study methods paper
American College of Rheumatology (2011)	No OA-specific indicators
Arthritis and Musculoskeletal Alliance (2004)	Standards of care not quality indicators.
Askari et al. (2011)	Systematic review of ACOVE indicators but no additional development or implementation
Barlow (2001)	Education intervention review
Baumann et al. (2007)	Patient expectations study
Bierma-Zeinstra et al. (2000)	Study of GPs management of OA
Bijlsma (2002)	Review of OA management, especially analgesia
Blanda (2006)	Review of prescribing issues in the elderly
Bliddal and Christensen (2006)	Review of management of OA in the overweight
Bloodworth (2005)	Review of opiate prescribing issues
Boyd et al. (2005)	Assessment of guideline applicability in multimorbidity
Brand (2007)	Review of evidence into practice for OA hip/knee
Brand (2008)	Review of self-management in OA
Brand and Cox (2006)	Care pathway development for OA
Brooks and Conaghan (2008)	Editorial
Brosseau et al. (2005)	Guidelines for exercise/ manual therapy
Cadogan et al. (2004)	Pain assessment study
Chassany et al. (2006)	Education intervention study, no qi
Cieza et al. (2004)	Core dataset recommendations
Conaghan and Brooks (2008)	Review of management of OA
Conrozier et al. (2008)	Guideline adherence study
Cornali et al. (2006)	Assessment of OA
Cox et al. (2003)	Intervention review (of COX-2 drugs)
Curtis and Saag (2004)	Review of quality improvement – cites indicators but does not additionally develop or implement them.
DeHaan et al. (2007)	Guideline adherence study
Denoed et al. (2005)	Guideline adherence study
Doherty and Dougados (2001)	Review of OA management

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Dominick and Baker (2004)	Epidemiology of OA and its treatment
Dominick et al. (2004)	Survey of opioid use
Dooley and Martin (2002)	Education article
Duran-Barragan and Russell (2008)	Editorial
Emejuiwe et al. (2007)	Epidemiology of joint replacement
Escobar et al. (2003)	Clinical guideline for criteria for knee replacement
Feldt (2004)	Editorial
Ganz et al. (2007)	Intervention study (not using OA indicators)
Glazier et al. (2003)	Guideline adherence study
Gogovor et al. (2008)	Review of clinical management
Gordon et al. (2000)	Letter
Gorevic (2004)	Education article
Gossec et al. (2007)	Clinical guideline for criteria for knee replacement
Graudins and Gazarian (2002)	Survey (of celecoxib use)
Hall (2005)	Survey of information provision
Higashi et al. (2007)	Secondary epidemiological analysis (number of morbidities and quality of care)
Hochberg (2007)	Narrative review of OA quality indicators but no additional development or implementation
Hochberg et al. (2012)	Clinical guidelines
Holden et al. (2008)	Guideline adherence study
Hollenack et al. (2007)	Review of pain management in elderly patients
Holman et al. (2000)	Letter
Hunter (2010)	Review of guidelines. No development or implementation of quality indicators.
Hunter et al. (2011)	Review of quality of OA care, including indicators; no additional development or implementation.
Jansen et al. (2010)	Guideline adherence study
Jawad (2005)	Guideline adherence study
Jones and Piterman (2007)	Intervention study (education)
Jordan et al. (2003)	Clinical guidelines
Jordan et al. (2004)	Survey of OA treatments
Kane et al. (2003)	Guideline [Health Technology Assessment (joint replacement)]
Kartal et al. (2007)	Survey of prescribing for OA
Kirkness et al. (2008)	Review of OA pain & comorbidity
Koehn and Esdaile (2008)	Review of patient education and self-management.
Koyama et al. (2008)	Survey of patient self-management activities
Krishnan and	Review of evidence-based rheumatology practice – references an indicator

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Suarez-Almazor (2005)	set but no additional development or implementation
Labelle et al. (2004)	Intervention study (medical education)
Lai et al. (2008)	Intervention study (hyaluronic acid)
Laine et al. (2009)	Guideline adherence study
Landsberg et al. (2003)	Survey of COX-2 use in secondary care
Lanza et al. (2009)	Clinical guidelines
Lapane et al. (2001)	Epidemiological study (effect of NSAIDs on gastro-protective medication)
Lee and Katz (2007)	Education article
LeLorier et al. (2003)	Guideline adherence study (celecoxib)
Li et al. (2007)	Review of treatments. References quality indicators but no additional development or implementation.
LoBuono (2007)	News/opinion article. No OA quality indicators in referenced reports.
Maillefert et al. (2008)	Survey of factors influencing joint replacement
March et al. (2010)	Clinical guideline/standards of care
Marcum et al. (2011)	Survey of pain control in OA
Marks and Allegrante (2005)	Guideline adherence study (exercise)
Mazieres et al. (2005)	Guideline adherence study
McHugh et al. (2007)	Qualitative study of quality of care. No quality indicators developed or implemented.
McHugh et al. (2012)	Longitudinal study of quality of care (implementation study). Three indicators of quality of care were reported - the source and development not cited.
McPherson and Reid (2007)	Editorial
Merkle and McDonald (2009)	Guideline adherence study (pain management)
Min et al. (2005)	Secondary analysis of data included elsewhere (Wenger et al., 2003) to identify predictors of care; no additional development or implementation of quality indicators.
Min et al. (2007)	Secondary analysis of data included elsewhere (Wenger et al., 2003) to identify associations between multimorbidity and quality of care; no additional development or implementation of quality indicators.
Mitchell and Hurley (2008)	Survey of patient reported management and preferences
Morewitz (2006)	Review of developments in care (book)
Newman and Harrington (2007)	Care pathway review (system redesign)
Oliver (2003)	Review of a template for multidisciplinary management of OA
O'Reilly and Doherty (2001)	Survey to assess link between knee pain & disability and poor health status & psychological distress
Østerås et al. (2012)	Abstract on development of patient self-report quality indicators [excluded as abstract only]
Osterhaus et al. (2002)	Evaluation of new methods of data collection in community pharmacies.

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Pendleton et al. (2000)	Clinical guidelines
Peter et al. (2011)	Abstract on development of quality indicators for physical therapy [excluded as abstract only]
Pitt et al. (2008)	Survey of GPs evaluating referral to self-management programmes
Porcheret et al. (2007)	Care pathway development
Price-Forbes et al. (2005)	Audit of COX-2 drugs
Quintana et al. (2000a)	Development of criteria for total hip replacement.
Quintana et al. (2000b)	Survey of patients undergoing hip replacement to evaluate appropriateness
Quintana et al. (2005)	Survey of patients undergoing hip replacement to evaluate appropriateness
Quintana et al. (2009)	Clinical guideline (joint replacement decision tree)
Reeves et al. (2007)	Secondary analysis (of differences in quality indicator aggregation methods)
Rosemann et al. (2008)	Guideline adherence study
Saag et al. (2004)	Analgesics quality indicators considered too broad for inclusion in this review.
Saliba et al. (2005)	Feasibility assessment of various quality indicators but not those for OA
Sarzi-Puttini et al. (2005)	Guideline adherence study
Schilling (2003)	Review of pain management which references another (included) paper but no indicators developed or implemented within this paper.
Shrank et al. (2007)	Analgesics quality indicators considered too broad for inclusion in this review.
Singh et al. (2003)	Review of OA drug treatment
Solomon et al. (2000)	Survey of medical record data, finding that history and examination data as recorded were not suitable for use as quality markers.
Strand (2006)	Quality indicators for rheumatoid disease not OA
Strömbeck et al. (2013)	Systematic review of quality indicators in OA but no additional development or implementation of indicators
Sturkenboom et al. (2003)	Epidemiological study of gastro-protective strategies in patients receiving NSAIDs.
Vandenberghe et al. (2004)	Comparative study of data sources. Although this does use 5 prescribing indicators, we considered this to be a study investigating the use of limited vs. complete datasets from general practice rather than a development or implementation of the quality indicators <i>per se</i> .
Vandenberghe et al. (2005)	Comparative study of data extraction methods
Webster (2001)	Editorial
Wierenga et al. (2011)	Pharmaceutical care quality indicators for hospital in-patients (i.e. secondary care not primary care)
Wilcock et al. (2004)	Audit of NSAID prescribing
Yazdany and MacLean (2008)	Review of quality of care but no additional development or implementation of indicators
Zhang et al. (2005)	Clinical guidelines
Zhang et al. (2007a)	Clinical guidelines
Zhang et al. (2007b)	Clinical guidelines

Zhang et al. (2008)	Clinical guidelines
Zhang et al. (2010)	Clinical guidelines
Zingmond et al. (2007)	No OA quality indicators included in this study of quality of care.

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