

Management of osteoarthritis

Summary of NICE guidance

The 2022 update to the NICE guidance on osteoarthritis (<https://www.nice.org.uk/guidance/ng226>) adds a new emphasis on non-pharmacological management, reserving pharmacological management for short-term management and increasing the ability of patients to engage in therapeutic exercise. This graphic shows a summary of the management strategies now recommended, highlighting the changes.

Orange boxes show changes between the new (2022) and previous (2014) NICE guidance.

Non-pharmacological management

Exercise

Offer therapeutic exercise tailored to patients' needs

Consider supervised exercise sessions

Consider combining with an education programme or behaviour change approaches

Weight management of living with overweight or obesity

Support them to choose a weight loss goal

Advise them of the benefits of weight loss

Explain that any weight loss is likely to be beneficial, but that losing 10% is likely to be better than 5%

Manual therapy

Consider manual therapy alongside therapeutic exercise

But only for people with hip or knee osteoarthritis

Devices

Consider walking aids for people with lower limb osteoarthritis

Information and support

Tailor information to patient needs, and provide in an accessible format

Signpost to information on:

The condition

Specific types of exercise

Managing symptoms

Accessing other information and support

Benefits and limitations of treatment

Do not offer

Acupuncture or dry needling

Electrotherapy

Orthoses, braces, tape, splints or supports, unless certain scenarios are fulfilled

Referral for joint replacement

Consider referring people with hip, knee, or shoulder osteoarthritis for joint replacement if:

Joint symptoms are substantially impacting their quality of life

and

Other management is ineffective or unsuitable

Person with activity-related joint pain

45 years or older

Morning joint-related stiffness:

None

or Lasts no longer than 30 minutes

Diagnose osteoarthritis clinically without imaging, unless there are atypical features or features that suggest an alternative or additional diagnosis

Pharmacological management

Pharmacological treatment should be seen as short-term therapy to facilitate maximum function and engagement with non-pharmacological treatments

Use the lowest effective dose for the shortest possible time

Review with the person whether to continue treatment

Topical NSAIDs*

Offer for knee osteoarthritis

Oral NSAIDs*

Consider if topical medicines are ineffective or unsuitable, alongside a gastroprotective treatment

Do not offer

No longer considered as a first-line treatment

Paracetamol

Used infrequently for short-term pain relief

Weak opioids

Unless:

All other treatments are ineffective or unsuitable

Do not offer

Strong opioids

Glucosamine

Intra-articular hyaluronan

Consider

Intra-articular corticosteroid

For short-term relief when other pharmacological treatments are ineffective or unsuitable

* NSAID = non-steroidal anti-inflammatory drug

† See full guidance for further details



Osteoarthritis Diagnosis And Management

Kenneth D. Brandt

Osteoarthritis Diagnosis And Management:

Osteoarthritis Roland W. Moskowitz,2007 Written by the foremost experts this text is a comprehensive clinical reference on osteoarthritis Chapters review current information on the epidemiology etiopathogenesis and pathology of osteoarthritis the biochemistry and molecular and cell biology of articular cartilage and experimental models of osteoarthritis Major sections focus on clinical presentations roentgenologic and laboratory diagnosis and treatment including pharmacologic treatment intra articular therapy surgery arthroscopy and complementary and alternative medicine The authors discuss the indications outcomes and complications of various orthopaedic procedures Chapters present orthopaedic approaches to osteoarthritis of various joints the shoulder hand wrist elbow hip knee foot ankle and cervical thoracic and lumbar spine

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Osteoarthritis, Diagnosis and Management Roland W. Moskowitz,1984 *Diagnosis and Nonsurgical Management of Osteoarthritis* Kenneth D. Brandt,2010 *Osteoarthritis* Roland W. Moskowitz,Roy D.

Altman,Joseph A. Buckwalter,Victor M Goldberg,Professor of Medicine and Epidemiology and Preventive Medicine and Head of the Division of Rheumatology and Clinical Immunology Marc C Hochberg,2015-04-24 Written by the foremost experts this text is a comprehensive clinical reference on osteoarthritis Chapters review current information on the epidemiology etiopathogenesis and pathology of osteoarthritis the biochemistry and molecular and cell biology of articular cartilage and experimental models of osteoarthritis Major sections focus on clinical presentations roentgenologic and laboratory diagnosis and treatment including pharmacologic treatment intra articular therapy surgery arthroscopy and complementary and alternative medicine The authors discuss the indications outcomes and complications of various orthopaedic procedures Chapters present orthopaedic approaches to osteoarthritis of various joints the shoulder hand wrist elbow hip knee foot ankle and cervical thoracic and lumbar spine

Healing Arthritis the Natural Way Luke Bucci,1997 *Diagnosis and Management of Osteoarthritis of the Hip and Knee* British Society for Rheumatology,Royal College of Physicians of London. Research Unit,1993 **Textbook of Medical-surgical Nursing** ,1988 **Bulletin on the Rheumatic Diseases** ,1986

Textbook of Rheumatology William N. Kelley,1993

The Patellofemoral Joint James M. Fox,Wilson Del Pizzo,1993

The Journal of Musculoskeletal Medicine ,1997

The Principles and Practice of Medicine Abner McGehee

Harvey,1988

Current Clinical Practice Franz H. Messerli,1987 Focuses on the therapeutic management of medical disorders as practiced by 13 of the leading private clinics in the U S Cleveland Geisinger Guthrie Henry Ford Joslin Lahey Lovelace Bataan Marshfield Mayo Ochsner Palo Alto Scripps and Scott White Provides clear practical guidelines on how specific disorders are managed Emphasizes outpatient management and treatment of adults Presents concise and detailed aspects of drug and non drug treatment allowing the reader to select the therapeutic regimen most appropriate for a specific situations Shows how high standard medicine is practiced on a day to day and cost effective basis

Primary Nursing

Practice Gloria Caliandro,Barbara L. Judkins,1988

Pain Free Luke Bucci,Luke R. Bucci,1995 The definitive guide to

healing arthritis low back pain and sports injuries through nutrition and supplements

Arthritis Surgery Clement B. Sledge,1994 This book by 64 of the most prominent experts in the field provides the reader with comprehensive coverage of arthritis surgery Procedures described in the text include total joint replacement total joint arthroplasty synovectomy prosthetic joint replacement and soft tissue procedures Techniques for these and other approaches are presented step by step along with their indications contra indications and potential complications Over 600 explicit illustrations

Postgraduate Medicine ,1990

Clinical Guidelines in Family Practice Constance R. Uphold,Mary Virginia

Graham,2003 Primary Care book for health Care Providers

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