

Improving health outcomes and primary care services for osteoarthritis in primary care

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It's the Keele difference.

Institute for Primary Care & Health Sciences

The Institute hosts the **Arthritis Research UK Primary Care Centre**, which delivers a world-leading **osteoarthritis (OA) research** programme, has a dedicated **Clinical Trials Unit** and **Impact Accelerator Unit**

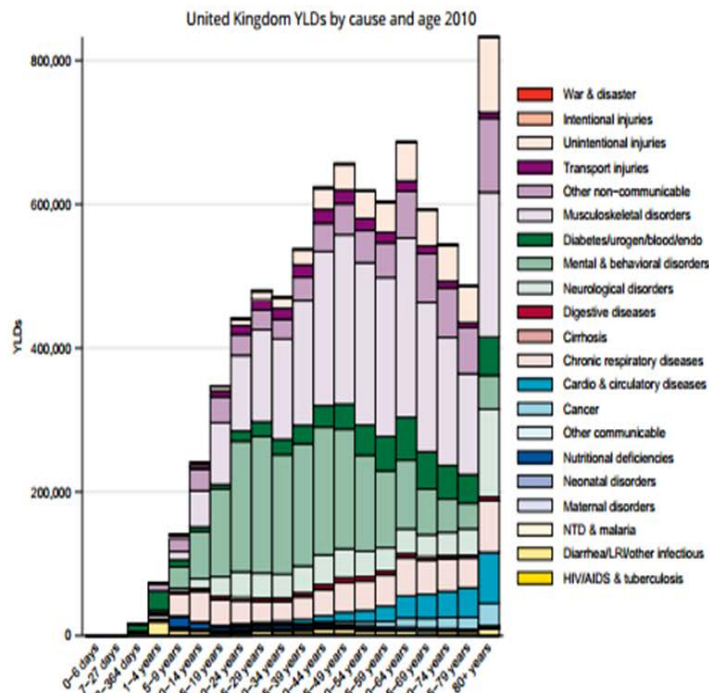


Osteoarthritis OA

YEARS LIVED WITH DISABILITY (YLDs)

Years lived with disability (YLDs) are estimated by weighting the prevalence of different conditions based on severity. The top five leading causes of YLDs in the United Kingdom are low back pain, falls, major depressive disorder, neck pain, and other musculoskeletal disorders.

The size of the colored portion in each bar represents the number of YLDs attributable to each cause. The height of each bar shows which age groups had the most YLDs in 2010. The causes are aggregated. For example, musculoskeletal disorders include low back pain and neck pain.



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REF 2014

- Health
- Impact Primary Care Sciences
 - Political
- Academy of Medical Sciences
 - Social
- In the Top Impact Case Studies (new report)



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OA Research

- Has provided commissioners and third-sector organisations with:
 - accurate estimates of the size of the problem
 - policy-makers with evidence on groups at particularly high-risk
 - clinicians with original evidence on better approaches to assessing and managing OA in primary care

Key insights have supported:

- advances in public health and health care policy debate, changes in legislation
- improvements in the quality of patient care through training and new national, European, and global guidelines for health professionals

REF 2021: Pushing the pace



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2021 So what's **NEW**??

- **NEW** OA Research Programme completed
- **NEW** International OA Guidelines
 - NICE OA *co-authors; NICE Fellow for OA*
 - EU Hand OA *co-author*
 - Australian Royal College GPs Knee/Hip OA *reviewer*
- **NEW** NICE QUALITY INDICATORS of OA Care
- **NEW** European online modules for OA

NEW Models of Care

- Implemented regionally & internationally
JIGSAW-E
- **Keele Impact Accelerator Funding *****
- Quality Indicators of Care
- Health Care Professional Training
- Service redesign
- Keele OA Guidebook

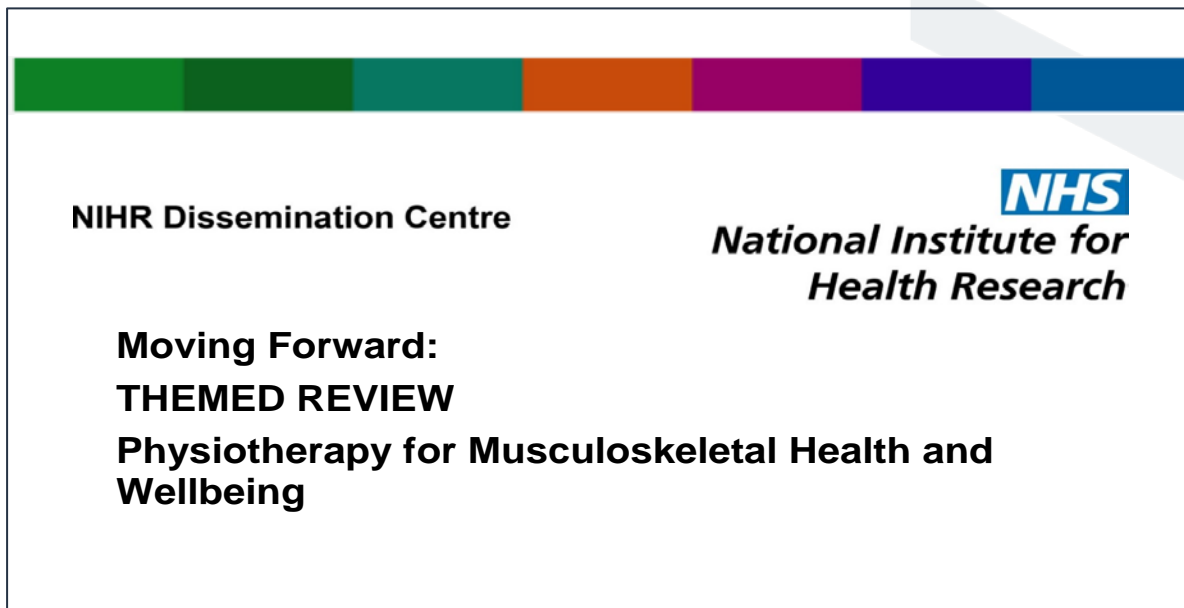


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Pushing the Pace

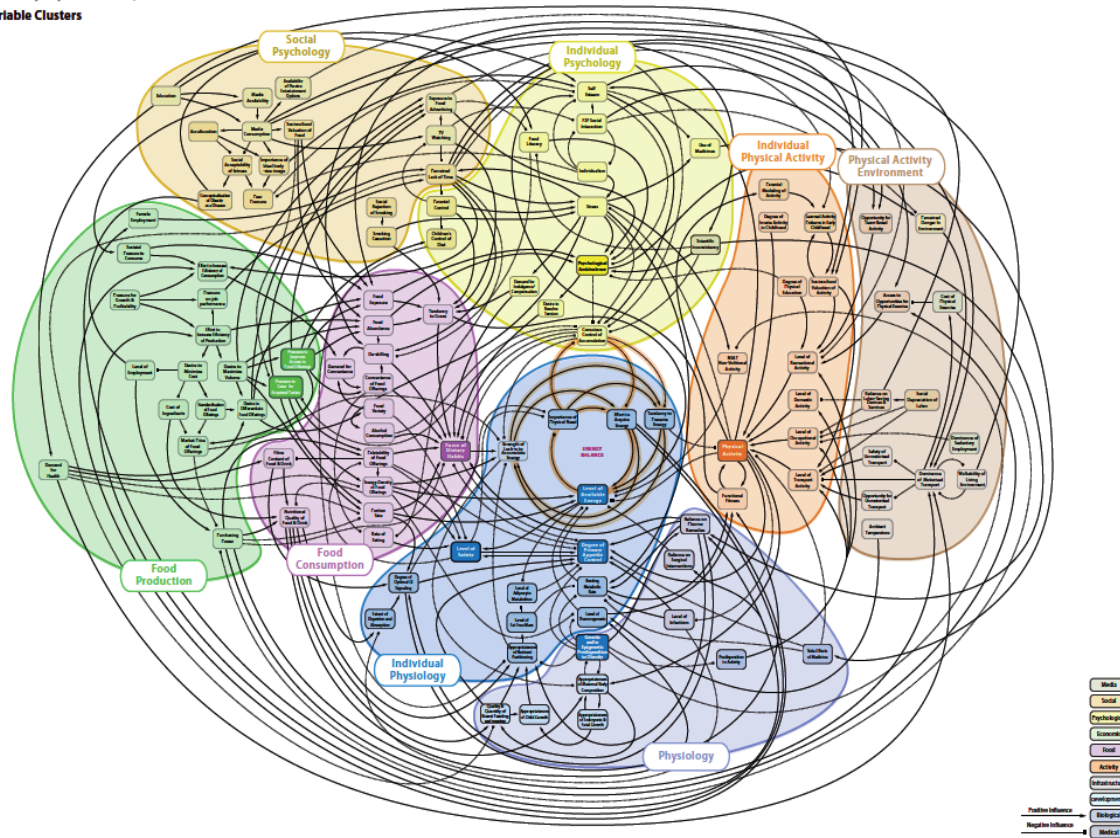
- 10th July 2018
- Embargoed



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Complex systems

Obesity System Map
Variable Clusters



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Published 17 October 2007

From:

[Government Office for Science](http://www.gov.uk/government/department/government-office-for-science)

Influencing Policy-Makers

- Public Health England
- NHS England
- NICE
- Clinical Commissioning Groups
 - **STP clusters**

Patient and Public Involvement

“I want to relay Christine’s story as I come towards the end of my speech....

In 2010, after years of having to rely simply on painkillers, Christine, along with about 250 others with hand arthritis, was invited to join a study funded by Arthritis Research UK at Keele University...

The trial tested the effectiveness of exercises; an occupational therapist taught participants strengthening and mobilising movements...

Christine says, “Taking exercise to help with my arthritis was a life-saver....We should be giving that kind of help to everyone in this country.”

Hansard Report Parliament 2016

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The bridge between what we know and what we do



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