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The MIDAS Population Study – Joining up data and action to improve musculoskeletal health for all

Submission date
04/08/2022

Recruitment status
No longer recruiting

Registration date
05/08/2022

Overall study status
Completed

Last Edited
28/05/2025

Condition category
Musculoskeletal Diseases

[X] Prospectively registered
[X] Protocol
[_] Statistical analysis plan
[_] Results
[_] Individual participant data
[_] Record updated in last year

Plain English summary of protocol

Background and study aims
Musculoskeletal disorders are the main drivers of non-communicable disease disability burden in most countries and regions worldwide. In England they account for an estimated 21% of total years lived with a disability.
The MIDAS-Population Study aims to provide a detailed description of musculoskeletal health, key comorbidity and the impact of health inequalities and care within the general population.

Who can participate?
Adults aged 35 years and over who are registered with a participating general practice for the study period and are able to provide informed consent.

What does the study involve?
Eligible participants will be invited to participate via a text message from their general practice containing a link URL to the online survey.
Patients who do not have a mobile telephone number registered with their practice will be invited to participate by post.

What are the possible benefits and risks of participating?
Although there is no immediate direct benefit, some people find it rewarding to take part in health research. Participants in this study will help to support how doctors and physiotherapists treat people with musculoskeletal symptoms involving back, neck, joint or muscle pain and understand the local need for treatment and which groups of people are most under-served by the NHS at present. There are no risks to participants taking part in this study.

Where is the study run from?
Keele University Clinical Trials Unit (UK)

When is the study starting and how long is it expected to run for?
August 2022 to March 2025

Who is funding the study?
Nuffield Foundation (UK)

Who is the main contact?
Clare Thompson, c.thompson1@keele.ac.uk

Contact information

Type(s)
Public

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Additional identifiers

Integrated Research Application System (IRAS)
315830

Central Portfolio Management System (CPMS)
53758

Protocol serial number
RG-0327-21

Study information

Scientific Title
Multi-level Integrated Data for Musculoskeletal Health Intelligence and Actions: Population Survey

Acronym
MIDAS-Population Survey

Study objectives
To describe musculoskeletal health and inequalities in the adult population.
To describe and compare the biopsychosocial context of adults with musculoskeletal health problems and to relate local estimates of musculoskeletal health need with use of healthcare services.

Ethics approval required
Old ethics approval format

Ethics approval(s)
Approved 01/09/2022, Wales Research Ethics Committee 2 (15-19 Cowbridge Road East, Cardiff, CF11 9AB, UK; +44 (0)7976 982591, +44 (0)2920 230457; Wales.REC2@wales.nhs.uk), ref: 22/WA/0256

Primary study design
Observational

Study design
Observational cross-sectional study

Study type(s)
Other

Health condition(s) or problem(s) studied
Musculoskeletal conditions in the adult population aged 35 years and over

Interventions
Adults aged 35 years and over in the North Staffordshire and Stoke on Trent area will be invited to complete a questionnaire that collects information on pain and its effects on people. with a focus on disability and work.
Participants will have the option to complete the survey either online or by postal return.
If consent is obtained, their questionnaire responses will be linked with information held in their medical records.

Intervention Type
Other

Primary outcome(s)
High impact chronic pain is measured at baseline. The method used to measure the outcome is questionnaire.

Key secondary outcome(s)
Work participation which is measured by questionnaire at baseline.

Completion date
31/03/2025

Eligibility

Key inclusion criteria
1. People aged 35 years and over
2. Registered with a participating general practice during the study period
3. Able to provide informed consent

Participant type(s)
Patient

Healthy volunteers allowed
No

Age group
Adult

Lower age limit
35 Years

Sex
All

Total final enrolment
3181

Key exclusion criteria
1. Has declined to be contacted about research studies recorded in their EHR

Added 01/09/2022:
2. Patients receiving palliative care, patients residing in a nursing home, patients with severe mental illness and patients who are recently bereaved

Date of first enrolment
10/10/2022

Date of final enrolment
15/08/2023

Locations

Countries of recruitment
United Kingdom

England

Study participating centre
University of Keele
Keele
Newcastle Under Lyme
United Kingdom
ST5 5BG

Sponsor information

Organisation
Keele University

ROR
https://ror.org/00340yn33

Funder(s)

Funder type
Charity

Funder Name
Nuffield Foundation

Alternative Name(s)
NuffieldFound

Funding Body Type
Private sector organisation

Funding Body Subtype
Trusts, charities, foundations (both public and private)

Location
United Kingdom

Results and Publications

Individual participant data (IPD) sharing plan

IPD will be securely stored on servers approved by the government backed cyber security scheme. Unless their are exceptional circumstances data will be available upon publication of main study findings.

IPD sharing plan summary

Stored in non-publicly available repository, Published as a supplement to the results publication

Study outputs

Output type	Details	Date created	Date added	Peer reviewed?	Patient-facing?
HRA research summary			28/06/2023	No	No
Other publications	End of study declaration version 1.6	22/11/2024	28/05/2025	Yes	No
Plain English results	version 1.0	28/05/2025	28/05/2025	No	Yes
Protocol file	version 2.0	17/08/2022	01/09/2022	No	No
Protocol file	version 3.0	01/09/2022	06/10/2022	No	No
Protocol file	version 6.0	19/01/2023	02/03/2023	No	No
Protocol file	version 7.0	30/01/2023	13/03/2023	No	No
Study website	Study website	11/11/2025	11/11/2025	No	Yes