

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

<b>Submission date</b> 04/08/2022	<b>Recruitment status</b> No longer recruiting	<input checked="" type="checkbox"/> Prospectively registered <input checked="" type="checkbox"/> Protocol
<b>Registration date</b> 05/08/2022	<b>Overall study status</b> Completed	<input type="checkbox"/> Statistical analysis plan <input type="checkbox"/> Results
<b>Last Edited</b> 28/05/2025	<b>Condition category</b> Musculoskeletal Diseases	<input type="checkbox"/> Individual participant data <input checked="" type="checkbox"/> 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

### Contact name

Mrs Clare Thompson

### Contact details

Clinical Trials Unit  
School of Medicine  
Keele University  
Newcastle under Lyme  
United Kingdom  
ST5 5BQ  
+44 1782 734886  
c.thompson1@keele.ac.uk

### Type(s)

Principal investigator

### Contact name

Dr Ross Wilkie

### Contact details

Primary Care Centre Versus Arthritis  
School of Medicine  
Keele University  
Newcastle under Lyme  
United Kingdom  
ST5 5BQ  
+44 1782 734845  
r.wilkie@keele.ac.uk

## Additional identifiers

### Clinical Trials Information System (CTIS)

Nil known

### Integrated Research Application System (IRAS)

315830

### Protocol serial number

RG-0327-21, IRAS 315830, CPMS 53758

# 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

## Study design

Observational cross-sectional study

## Primary study design

Observational

## 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 there 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?
<a href="#">HRA research summary</a>			28/06/2023	No	No
<a href="#">Other publications</a>	End of study declaration version 1.6	22/11/2024	28/05/2025	Yes	No
<a href="#">Plain English results</a>	version 1.0	28/05/2025	28/05/2025	No	Yes
<a href="#">Protocol file</a>	version 2.0	17/08/2022	01/09/2022	No	No
<a href="#">Protocol file</a>	version 3.0	01/09/2022	06/10/2022	No	No
<a href="#">Protocol file</a>	version 6.0	19/01/2023	02/03/2023	No	No
<a href="#">Protocol file</a>	version 7.0	30/01/2023	13/03/2023	No	No
<a href="#">Study website</a>	Study website	11/11/2025	11/11/2025	No	Yes