ISRCTN73561469 https://doi.org/10.1186/ISRCTN73561469

# The arcOGEN study: a genome wide association study of osteoarthritis

| Submission date | Recruitment status |
|---|---|
| 23/04/2010 | No longer recruiting |
| **Registration date** | **Overall study status** |
| 27/05/2010 | Completed |
| **Last Edited** | **Condition category** |
| 22/11/2013 | Musculoskeletal Diseases |

[ ] Prospectively registered
[ ] Protocol
[ ] Statistical analysis plan
[X] Results
[ ] Individual participant data

**Plain English summary of protocol**
Not provided at time of registration

## Contact information

**Type(s)**
Scientific

**Contact name**
Prof John Loughlin

**Contact details**
The Medical School
Queen Victoria Road
Newcastle
United Kingdom
NE1 4LP

## Additional identifiers

**EudraCT/CTIS number**

**IRAS number**

**ClinicalTrials.gov number**

**Secondary identifying numbers**
4628

## Study information

**Scientific Title**

A non-randomised observational trial in participants with primary osteoarthritis who will be used for mapping osteoarthritis susceptibility genes by genome-wide association scan

## Acronym
arcOGEN

## Study objectives
A collection of participants with primary osteoarthritis who will be used for mapping osteoarthritis susceptibility genes by genome-wide association scan and by other genetic approaches.

## Ethics approval required
Old ethics approval format

## Ethics approval(s)
Oxfordshire Research Ethics Committee (REC) C approved on the 3rd January 2008 (ref: 07/H0606/150)

## Study design
Non-randomised observational trial in primary, secondary and tertiary centres

## Primary study design
Observational

## Secondary study design
Multi-centre

## Study setting(s)
Other

## Study type(s)
Screening

## Participant information sheet
Not available in web format, please use the contact details below to request a patient information sheet

## Health condition(s) or problem(s) studied
Topic: Musculoskeletal; Subtopic: Musculoskeletal (all Subtopics); Disease: Musculoskeletal

## Interventions
There is no intervention in this trial. Recruited participants have a blood sample taken for a DNA test and a questionnaire will be answered. No treatments are given.

## Intervention Type
Other

## Phase
Not Applicable

### Primary outcome measure
Questionnaire, completed at time of blood sampling

### Secondary outcome measures
No secondary outcome measures

### Overall study start date
01/03/2008

### Completion date
31/12/2010

## Eligibility

### Key inclusion criteria
1. Primary osteoarthritis ascertained by joint replacement of the hip or the knee
2. Male and female, lower age limit of 40 years

### Participant type(s)
Patient

### Age group
Adult

### Sex
Both

### Target number of participants
Planned Sample Size: 8000; UK Sample Size: 8000

### Key exclusion criteria
Secondary forms of osteoarthritis or non-osteoarthritic diseases that result in joint replacement surgery

### Date of first enrolment
01/03/2008

### Date of final enrolment
31/12/2010

## Locations

### Countries of recruitment
England

United Kingdom

### Study participating centre

**The Medical School**
Newcastle
United Kingdom
NE1 4LP

# Sponsor information

**Organisation**
Newcastle upon Tyne Hospitals NHS Foundation Trust (UK)

**Sponsor details**
Wolfson Unit of Clinical Pharmacology
Institute of Cellular Medicine
Framlington Place
Newcastle
England
United Kingdom
NE2 4HH

**Sponsor type**
Hospital/treatment centre

**Website**
http://www.newcastle-hospitals.org.uk/

**ROR**
https://ror.org/05p40t847

# Funder(s)

**Funder type**
Charity

**Funder Name**
Arthritis Research Campaign (ARC) (UK)

# Results and Publications

**Publication and dissemination plan**
Not provided at time of registration

**Intention to publish date**

## Individual participant data (IPD) sharing plan

### IPD sharing plan summary

Not provided at time of registration

### Study outputs

| Output type | Details | Date created | Date added | Peer reviewed? | Patient-facing? |
|---|---|---|---|---|---|
| Results article | results | 01/05/2011 | | Yes | No |
| Results article | results | 01/09/2012 | | Yes | No |