

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

<b>Submission date</b> 23/04/2010	<b>Recruitment status</b> No longer recruiting	<input type="checkbox"/> Prospectively registered
<b>Registration date</b> 27/05/2010	<b>Overall study status</b> Completed	<input type="checkbox"/> Protocol
<b>Last Edited</b> 22/11/2013	<b>Condition category</b> Musculoskeletal Diseases	<input type="checkbox"/> Statistical analysis plan
		<input checked="" type="checkbox"/> Results
		<input type="checkbox"/> Individual participant data

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

## Contact information

**Type(s)**  
Scientific

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## Additional identifiers

**Protocol serial number**  
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)

**Primary study design**

Observational

**Study design**

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

**Study type(s)**

Screening

**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(s)**

Questionnaire, completed at time of blood sampling

**Key secondary outcome(s)**

No secondary outcome measures

**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

**Healthy volunteers allowed**

No

**Age group**

Adult

**Sex**

All

**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**

United Kingdom

England

**Study participating centre**

**The Medical School**

Newcastle

United Kingdom

NE1 4LP

## Sponsor information

**Organisation**

Newcastle upon Tyne Hospitals NHS Foundation Trust (UK)

**ROR**

<https://ror.org/05p40t847>

## Funder(s)

**Funder type**

Charity

**Funder Name**

Arthritis Research Campaign (ARC) (UK)

## Results and Publications

**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?
<a href="#">Results article</a>	results	01/05/2011		Yes	No
<a href="#">Results article</a>	results	01/09/2012		Yes	No