

# PFC vs Scorpio total knee replacement: effect of a single radius femoral component on recovery of range of movements

<b>Submission date</b> 30/09/2005	<b>Recruitment status</b> No longer recruiting	<input type="checkbox"/> Prospectively registered
		<input type="checkbox"/> Protocol
<b>Registration date</b> 30/09/2005	<b>Overall study status</b> Completed	<input type="checkbox"/> Statistical analysis plan
		<input type="checkbox"/> Results
<b>Last Edited</b> 07/12/2015	<b>Condition category</b> Surgery	<input type="checkbox"/> Individual participant data
		<input type="checkbox"/> Record updated in last year

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

## Contact information

**Type(s)**  
Scientific

**Contact name**  
Mr David Wright

**Contact details**  
Department of Orthopaedic Surgery  
North Manchester General Hospital  
Delaunays Road  
Manchester  
United Kingdom  
M8 5RB

## Additional identifiers

**EudraCT/CTIS number**

**IRAS number**

**ClinicalTrials.gov number**

**Secondary identifying numbers**  
N0155153523

# Study information

## Scientific Title

PFC vs Scorpio total knee replacement: effect of a single radius femoral component on recovery of range of movements

## Study objectives

Does the scorpio total knee replacement allow patients to recover their range of movements more quickly in comparison to PFC knee replacement?

## Ethics approval required

Old ethics approval format

## Ethics approval(s)

Not provided at time of registration

## Study design

Randomised controlled trial

## Primary study design

Interventional

## Secondary study design

Randomised controlled trial

## Study setting(s)

Hospital

## Study type(s)

Treatment

## 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

Arthroplasty

## Interventions

Double-blind randomised controlled trial

## Intervention Type

Procedure/Surgery

## Phase

Not Specified

## Primary outcome measure

Time it takes to achieve a straight leg raise

**Secondary outcome measures**

Not provided at time of registration

**Overall study start date**

01/12/2004

**Completion date**

01/12/2005

## Eligibility

**Key inclusion criteria**

25 patients with osteo-arthritis of the knee between the age of 60-75 years in each arm of the study

**Participant type(s)**

Patient

**Age group**

Senior

**Sex**

Both

**Target number of participants**

50

**Key exclusion criteria**

1. Patients outside 60-75 years
2. Valgus knee > 20 degrees
3. Any vascular compromise which would lead to a decision not to use a tourniquet
4. Any haematology condition which increases the risk of bleeding

**Date of first enrolment**

01/12/2004

**Date of final enrolment**

01/12/2005

## Locations

**Countries of recruitment**

England

United Kingdom

**Study participating centre**

**North Manchester General Hospital**  
Manchester  
United Kingdom  
M8 5RB

## **Sponsor information**

### **Organisation**

Department of Health

### **Sponsor details**

Richmond House  
79 Whitehall  
London  
United Kingdom  
SW1A 2NL  
+44 (0)20 7307 2622  
dhmail@doh.gsi.org.uk

### **Sponsor type**

Government

### **Website**

<http://www.dh.gov.uk/Home/fs/en>

## **Funder(s)**

### **Funder type**

Government

### **Funder Name**

Pennine Acute Hospitals NHS Trust (UK)

### **Funder Name**

Trust-Funded

### **Funder Name**

NHS R&D Support Funding

# 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