

# A randomised controlled trial of physiotherapy in the early period after partial meniscectomy surgery

<b>Submission date</b> 23/01/2004	<b>Recruitment status</b> No longer recruiting	<input type="checkbox"/> Prospectively registered <input type="checkbox"/> Protocol
<b>Registration date</b> 23/01/2004	<b>Overall study status</b> Completed	<input type="checkbox"/> Statistical analysis plan <input checked="" type="checkbox"/> Results
<b>Last Edited</b> 07/01/2010	<b>Condition category</b> Surgery	<input type="checkbox"/> Individual participant data

## Plain English summary of protocol

Not provided at time of registration

## Contact information

### Type(s)

Scientific

### Contact name

Dr Mathew Morrissey

### Contact details

King's College London  
Physiotherapy Division GKT School of Biomedical Sciences  
GKT School of Biomedical Sciences  
Sheperd's House  
Guy's Campus  
London  
United Kingdom  
SE1 1UL  
+44 (0)20 7848 6678  
[matt.morrissey@kcl.ac.uk](mailto:matt.morrissey@kcl.ac.uk)

## Additional identifiers

### Protocol serial number

RDC01629

## Study information

## Scientific Title

### Study objectives

Knee partial meniscectomy is one of the most common orthopaedic surgeries. Post-surgical care may or may not include physiotherapy, depending on the surgeon, despite the lack of reports in the literature of clinical trials determining if physiotherapy is effective in cutting costs and restoring function in these patients. The purpose of this research is to determine whether a course of physiotherapy should be included in the early period after knee arthroscopic partial meniscectomy surgery. This analysis will be performed by assessing the cost effectiveness of physiotherapy and the degree to which normal function is restored in the knee after surgery.

### 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

### Study type(s)

Treatment

### Health condition(s) or problem(s) studied

Musculoskeletal injury; meniscectomy

### Interventions

1. Physiotherapy three times a week for 6 weeks post-surgery
2. No treatment

### Intervention Type

Procedure/Surgery

### Phase

Not Specified

### Primary outcome(s)

1. Knee function and overall health will be measured over time to determine how these change as a result of treatment. Specifically, these variables will be assessed over time:
  - 1.1. Function of the knee (i.e. motion in the sagittal plane) during level walking and stair climbing
  - 1.2. Scores on the Flandry knee self-assessment questionnaire
  - 1.3. Scores on the SF-36 from the health assessment questionnaire
  - 1.4. Scores on the EuroQol from the health assessment questionnaire
2. In addition, the following will be assessment:
  - 1.1. Time from surgery to return to work
  - 1.2. Estimated level of knee physical stress in job and possible change from pre- to post-surgery

1.3. Total cost of physiotherapy versus non-treatment

1.4. Cost effectiveness of physiotherapy versus non-treatment (cost per QALY gain)

**Key secondary outcome(s))**

Not provided at time of registration

**Completion date**

01/05/2001

## **Eligibility**

**Key inclusion criteria**

Patients recently having undergone knee meniscectomy

**Participant type(s)**

Patient

**Healthy volunteers allowed**

No

**Age group**

Not Specified

**Sex**

Not Specified

**Key exclusion criteria**

Does not match inclusion criteria

**Date of first enrolment**

01/05/1999

**Date of final enrolment**

01/05/2001

## **Locations**

**Countries of recruitment**

United Kingdom

England

**Study participating centre**

**King's College London**

London

United Kingdom

SE1 1UL

# Sponsor information

## Organisation

NHS R&D Regional Programme Register - Department of Health (UK)

## Funder(s)

### Funder type

Government

### Funder Name

NHS Executive London (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	01/06/2003		Yes	No