

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

Submission date 23/01/2004	Recruitment status No longer recruiting	☐ Prospectively registered ☐ Protocol
Registration date 23/01/2004	Overall study status Completed	☐ Statistical analysis plan ☒ Results
Last Edited 07/01/2010	Condition category Surgery	☐ 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

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

Primary study design

Interventional

Study design

Randomised controlled trial

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?
Results article	results	01/06/2003		Yes	No