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Efficacy and cost effectiveness of day surgery for knee replacement: a randomised controlled trial

Submission date
23/01/2004

Recruitment status
No longer recruiting

Registration date
23/01/2004

Overall study status
Completed

Last Edited
15/05/2009

Condition category
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

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Additional identifiers

Protocol serial number
SEO193

Study information

Scientific Title

Study objectives
To examine the difference in outcome and cost effectiveness between patients undergoing Unicompartmental knee arthroplasty (UKA) using an accelerated protocol (pain management, physiotherapy advice and discharge within 24 hours) and standard protocol (inpatient physiotherapy & discharge at 6-10 days).

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)
Quality of life

Health condition(s) or problem(s) studied
Musculoskeletal diseases: Arthritis (rheumatoid and osteo)

Interventions
Accelerated recovery protocol versus standard management.

Intervention Type
Other

Phase
Not Specified

Primary outcome(s)
1. Oxford Knee Score, American Knee Society Score, pain, complications, range of movement, function
2. Patient satisfaction at 6 months
3. EuroQol quality of life questionnaire to examine cost effectiveness

Key secondary outcome(s))
Not provided at time of registration

Completion date
01/11/2002

Eligibility

Key inclusion criteria
1. 40 patients with unicompartmental degenerative knee joint disease undergoing unicompartmental knee arthroplasty (UKA).
2. Unicompartmental degenerative knee joint disease
3. Good anaesthetic risk
4. Tolerance to nonsteroidal anti-inflammatory drugs (NSAIDs)
5. Appropriate social circumstances (for early discharge)
6. Within 45 min travel of Oxford

Participant type(s)
Patient

Healthy volunteers allowed
No

Age group
Adult

Sex
All

Key exclusion criteria
1. Likely to require total knee replacement (TKR)
2. Poor general health
3. Poor understanding of procedure
4. Apprehensive/nervous disposition
5. Severe anaesthetic risk
6. Unable to tolerate large doses of NSAIDs
7. Severe problems on contralateral limb
8. Unable to use crutches
9. Unsuitable social circumstances
10. Geographically inaccessible

Date of first enrolment
01/11/2000

Date of final enrolment
01/11/2002

Locations

Countries of recruitment
United Kingdom

England

Study participating centre
Nuffield Orthopaedic Centre
Oxford

United Kingdom
OX3 7LD

Sponsor information

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

Funder(s)

Funder type
Government

Funder Name
NHS Executive South East (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	01/10/2005		Yes	No