A randomised prospective trial comparing unipolar hemiarthroplasty, bipolar hemiarthroplasty and total hip replacement in the treatment of displaced intracapsular femoral neck fractures

Submission date	Recruitment status No longer recruiting	Prospectively registered	
30/09/2004		☐ Protocol	
Registration date	Overall study status	Statistical analysis plan	
30/09/2004	Completed	[X] Results	
Last Edited	Condition category	Individual participant data	
29/03/2012	Surgery		

Plain English summary of protocolNot provided at time of registration

Contact information

Type(s)

Scientific

Contact name

Mr H Apthorp

Contact details

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Additional identifiers

Protocol serial number N0019134502

Study information

Scientific Title

Study objectives

To compare the results of unipolar hemiarthroplasty, bipolar hemiarthroplasty and total hip replacement to ascertain whether one type of arthroplasty gives a better outcome in the treatment of displaced intracapsular neck of femur fractures.

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)

Not Specified

Health condition(s) or problem(s) studied

Surgery: Hip arthroplasty

Interventions

Randomised prospective trial

Intervention Type

Procedure/Surgery

Phase

Not Specified

Primary outcome(s)

- 1. Mortality
- 2. Residence
- 3. Pain at each follow-up
- 4. Mobility and walking aids
- 5. Complications
- 6. Length of hospital stay
- 7. Transfusion requirement

Key secondary outcome(s))

Not provided at time of registration

Completion date

01/06/2008

Eligibility

Key inclusion criteria

Patients with displaced intracapsular femoral neck fractures who have a Conquest Hip score of 2 or 3 and require replacement arthroplasty.

Participant type(s)

Patient

Healthy volunteers allowed

No

Age group

Not Specified

Sex

Not Specified

Key exclusion criteria

Not provided at time of registration

Date of first enrolment

01/06/2003

Date of final enrolment

01/06/2008

Locations

Countries of recruitment

United Kingdom

England

Study participating centre

Conquest Hospital

St Leonard's on Sea United Kingdom TN37 7RD

Sponsor information

Organisation

Department of Health

Funder(s)

Funder type

Government

Funder Name

East Sussex Hospitals NHS Trust (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	01/06/1999	Yes	No
Participant information sheet	Participant information sheet	11/11/2025 11/11/2025	No	Yes