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Adrenaline Usage to Reduce Blood Transfusions Following Hip Fracture Surgery: A Randomised Clinical Study.

Submission date 30/09/2005	**Recruitment status** No longer recruiting	[_] Prospectively registered [_] Protocol
Registration date 30/09/2005	**Overall study status** Completed	[_] Statistical analysis plan [_] Results
Last Edited 14/03/2014	**Condition category** Surgery	[_] Individual participant data [_] Record updated in last year

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
N0265041838

Study information

Scientific Title

Study objectives

Our hypothesis is that by using intraoperative swabs soaked in an adrenaline solution we will decrease surgical blood loss and hence decrease the need for postoperative and intraoperative blood transfusion.

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 fracture

Interventions
Randomly allocated to two groups (32 patients per group):
Group A: Wound site infiltrated with 10mls 0.5% marcain with adrenaline.
Group B: All swabs used intraoperatively soaked in a solution made up of 5 mg of adrenaline in 1 litre N/Saline.

Intervention Type
Drug

Phase
Not Specified

Drug/device/biological/vaccine name(s)
Adrenaline

Primary outcome(s)
Measured reduction in postoperative and interoperative blood loss.

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

Completion date
01/01/2007

Eligibility

Key inclusion criteria
Patients with fracture of the proximal femur requiring Dynamic Hip Screw fixation.

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
01/01/2004

Date of final enrolment
01/01/2007

Locations

Countries of recruitment
United Kingdom

England

Study participating centre
Trauma
Birmingham
United Kingdom
B29 6JD

Sponsor information

Organisation
Department of Health

Funder(s)

Funder type
Government

Funder Name
University Hospital Birmingham NHS Trust (UK)

Results and Publications

Individual participant data (IPD) sharing plan

IPD sharing plan summary
Not provided at time of registration