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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 [_] Statistical analysis plan [_] Results [_] Individual participant data [_] Record updated in last year
Registration date 30/09/2005	**Overall study status** Completed	
Last Edited 14/03/2014	**Condition category** Surgery	

Plain English summary of protocol
Not provided at time of registration

Contact information

Type(s)
Scientific

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Additional identifiers

EudraCT/CTIS number

IRAS number

ClinicalTrials.gov number

Secondary identifying numbers
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

Secondary study design
Randomised controlled trial

Study setting(s)
Hospital

Study type(s)
Not Specified

Participant information sheet

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 measure
Measured reduction in postoperative and interoperative blood loss.

Secondary outcome measures
Not provided at time of registration

Overall study start date
01/01/2004

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

Age group
Not Specified

Sex
Not Specified

Target number of participants
64

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
England

United Kingdom

Study participating centre

Trauma
Birmingham
United Kingdom
B29 6JD

Sponsor information

Organisation
Department of Health

Sponsor details
Richmond House
79 Whitehall
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United Kingdom
SW1A 2NL
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Sponsor type
Government

Website
http://www.dh.gov.uk/Home/fs/en

Funder(s)

Funder type
Government

Funder Name
University Hospital Birmingham NHS Trust (UK)

Results and Publications

Publication and dissemination plan
Not provided at time of registration

Intention to publish date

Individual participant data (IPD) sharing plan

IPD sharing plan summary

Not provided at time of registration