

Randomised trial of a blood transfusion policy after fracture of the proximal femur (hip fracture)

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| Submission date 12/09/2003 | Recruitment status No longer recruiting | <input type="checkbox"/> Prospectively registered <input type="checkbox"/> Protocol |
| Registration date 12/09/2003 | Overall study status Completed | <input type="checkbox"/> Statistical analysis plan <input checked="" type="checkbox"/> Results |
| Last Edited 04/10/2017 | Condition category Surgery | <input type="checkbox"/> 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
N0181115109

Study information

Scientific Title

Randomised trial of a blood transfusion policy after fracture of the proximal femur (hip fracture)

Study objectives

The threshold at which blood transfusion should be given after surgery is the subject of controversy. This study aims to address this question of transfusion after hip fracture surgery.

Ethics approval required

Old ethics approval format

Ethics approval(s)

Peterborough and Fenland LREC, ref: PO1/154

Study design

Randomised controlled trial

Primary study design

Interventional

Study type(s)

Treatment

Health condition(s) or problem(s) studied

Surgery: Blood transfusion

Interventions

Patients are then randomised (if willing) to either no transfusion and to receive oral iron supplements or have a blood transfusion to raise the haemoglobin above 10 g/dl.

Intervention Type

Procedure/Surgery

Phase

Not Specified

Primary outcome(s)

Mortality

Key secondary outcome(s))

Length of hospital stay, complications

Completion date

01/05/2012

Eligibility**Key inclusion criteria**

Haemoglobin between 8 to 9.5 g/dl after hip fracture surgery.

Participant type(s)

Patient

Healthy volunteers allowed

No

Age group

Not Specified

Sex

Not Specified

Key exclusion criteria

1. Patients unwilling to give written informed consent
2. Post-operative haemoglobin on day 1 or 2 after surgery of below 8g/dl or above 10g/dl
3. Multiple trauma. (defined as either more than two other fractures or any other fracture requiring surgery other than simple manipulation alone)
4. Patients who refuse transfusion due to religious reasons
5. Patients aged less than 60 years

Date of first enrolment

01/08/2002

Date of final enrolment

01/05/2012

Locations

Countries of recruitment

United Kingdom

England

Study participating centre

Peterborough District Hospital

Peterborough

United Kingdom

PE3 6DA

Sponsor information

Organisation

Department of Health (UK)

Funder(s)

Funder type

Government

Funder Name

Peterborough 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 | 01/12/2013 | | Yes | No |