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Post-operative use of cell savers

Submission date 30/09/2004	**Recruitment status** No longer recruiting	[ ] Prospectively registered [ ] Protocol
Registration date 30/09/2004	**Overall study status** Completed	[ ] Statistical analysis plan [ ] Results
Last Edited 14/06/2017	**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
N0205123739

Study information

Scientific Title
Post-operative use of cell savers

Study objectives

To investigate whether the dedeco-electra cell saver reduces homologous transfusion requirements in the post-operative phase and whether in conjunction with leucocyte filtration may reduce inflammation as measured by IL-6, IL8A, IL-10 release a leucocyte activation CD69 and CD11 a (flow cytometry) in the retransfused salvaged blood.

Ethics approval required
Old ethics approval format

Ethics approval(s)
Not provided at time of registration

Primary study design
Interventional

Study design
Randomised controlled trial

Study type(s)
Treatment

Health condition(s) or problem(s) studied
Surgery: Homologous transfusion

Interventions
Not provided at time of registration

Intervention Type
Procedure/Surgery

Phase
Not Specified

Primary outcome(s)
1. Reduction in requirement for homologous blood transfusion
2. Reduction in flammatory mediators and activated leucocytes in the washed, salvaged autologous red cells

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

Completion date
01/08/2006

Eligibility

Key inclusion criteria
Barts and the London NHS Trust patients

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
01/05/2003

Date of final enrolment
01/08/2006

Locations

Countries of recruitment
United Kingdom

England

Study participating centre
The London Chest Hospital
London
United Kingdom
E2 9JX

Sponsor information

Organisation
Department of Health

Funder(s)

Funder type
Hospital/treatment centre

Funder Name
Barts and The London NHS Trust (UK)

Results and Publications

Individual participant data (IPD) sharing plan

IPD sharing plan summary
Not provided at time of registration