

A randomised trial using Zero-Balanced Ultrafiltration in Cardiopulmonary bypass

Submission date 30/09/2004	Recruitment status No longer recruiting	<input type="checkbox"/> Prospectively registered
		<input type="checkbox"/> Protocol
Registration date 30/09/2004	Overall study status Completed	<input type="checkbox"/> Statistical analysis plan
		<input type="checkbox"/> Results
Last Edited 19/04/2018	Condition category Surgery	<input type="checkbox"/> Individual participant data
		<input type="checkbox"/> 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
N0123138588

Study information

Scientific Title
A randomised trial using Zero-Balanced Ultrafiltration in Cardiopulmonary bypass

Study objectives

To show whether a modified method of ultrafiltration, known as Zero-balance ultrafiltration (ZBUF) is effective in reducing free-radical production during cardiac surgery in adults. A reduction in free radical generation will help protect cell membranes

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

Cardiovascular surgery

Interventions

Clinical Study|Human Physiology|Inpatient Admission|Multicentre Study: National|NHS Patients|Study of Non-Therapeutic Procedure

Intervention Type

Procedure/Surgery

Phase

Not Specified

Primary outcome(s)

To establish the effects of Zero-balanced Ultrafiltration with patients in cardiopulmonary bypass

Key secondary outcome(s)

Not provided at time of registration

Completion date

01/06/2005

Eligibility**Key inclusion criteria**

1. Less than 75 years of age
2. Left ventricular function less than 50%
3. Pre-operative haematocrit greater than 30%.

Participant type(s)

Patient

Healthy volunteers allowed

No

Age group

Other

Sex

All

Key exclusion criteria

Does not match inclusion criteria

Date of first enrolment

01/08/2003

Date of final enrolment

01/06/2005

Locations

Countries of recruitment

United Kingdom

England

Study participating centre

University Hospitals of Leicester

Leicester

United Kingdom

LE1 4PW

Sponsor information

Organisation

Department of Health

Funder(s)

Funder type

Hospital/treatment centre

Funder Name

University Hospitals of Leicester NHS Trust (UK)

Results and Publications

Individual participant data (IPD) sharing plan

IPD sharing plan summary

Not provided at time of registration