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Perioperative renal protection in patients subject to cardio-pulmonary bypass

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 25/04/2014	**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
N0123138282

Study information

Scientific Title

Study objectives
To examine potential methods of protecting the kidney during and immediately after heart surgery using cardiopulmonary bypass.

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)
Screening

Participant information sheet

Health condition(s) or problem(s) studied
Cardiopulmonary bypass

Interventions
To examine potential methods of protecting the kidney during and immediately after heart surgery using cardiopulmonary bypass.

Intervention Type
Procedure/Surgery

Phase
Not Specified

Primary outcome measure
Determine whether perioperative low dose frusemide, dopamine or aminophylline would improve clinical and biochemical outcomes in adult patients, at increased risk of kidney dysfunction.

Secondary outcome measures
No secondary outcome measures

Overall study start date
01/01/2003

Completion date
01/04/2003

Eligibility

Key inclusion criteria
1. Aged greater than 70 years
2. Pre-existing renal disease
3. Not on renal replacement therapy
4. Pre-operative serum creatinine greater than 130 umol/l
5. Type one diabetes mellitus

Participant type(s)
Patient

Age group
Senior

Sex
Both

Target number of participants
60 patients, 20 controls

Key exclusion criteria
Only first time coronary artery surgery will be included

Date of first enrolment
01/01/2003

Date of final enrolment
01/04/2003

Locations

Countries of recruitment
England

United Kingdom

Study participating centre

University Hospitals of Leicester
Leicester
United Kingdom
LE1 4PW

Sponsor information

Organisation
Department of Health

Sponsor details
Richmond House
79 Whitehall
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Sponsor type
Government

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

Funder(s)

Funder type
Government

Funder Name
University Hospitals of Leicester NHS Trust (UK)

Funder Name
Departmental funding (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