

Neuro-endocrine and immuno-systems activation during coronary surgery

Submission date 30/09/2005	Recruitment status No longer recruiting	<input type="checkbox"/> Prospectively registered <input type="checkbox"/> Protocol
Registration date 30/09/2005	Overall study status Completed	<input type="checkbox"/> Statistical analysis plan <input type="checkbox"/> Results
Last Edited 15/03/2016	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
N0264149435

Study information

Scientific Title
Neuro-endocrine and immuno-systems activation during coronary surgery

Study objectives

To ascertain the effects of cardiopulmonary bypass (CPB) and cardioplegic arrest on the activation of the hypothalamic-pituitary-adrenal (HPA) system and on the relations between neuro endocrine and immune systems

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

Study type(s)

Other

Health condition(s) or problem(s) studied

Coronary artery bypass grafting (CABG)

Interventions

Prospective randomised study patients randomised to:

1. With cardiopulmonary bypass
2. Without cardiopulmonary bypass

Intervention Type

Procedure/Surgery

Phase

Not Specified

Primary outcome(s)

To characterise the HPA system response during coronary surgery with or without cardiopulmonary bypass.

Key secondary outcome(s)

Not provided at time of registration

Completion date

31/07/2005

Eligibility**Key inclusion criteria**

80 patients admitted for first time coronary artery surgery suitable for on or off CPB surgery

Participant type(s)

Patient

Healthy volunteers allowed

No

Age group

Not Specified

Sex

Not Specified

Key exclusion criteria

1. Single vessel coronary disease
2. Emergency referral
3. Previous Coronary Artery Graft Bypass (CAGB)
4. Evidence of severe thoracic disease

Date of first enrolment

01/08/2004

Date of final enrolment

31/07/2005

Locations

Countries of recruitment

United Kingdom

England

Study participating centre

c/o Research & Effectiveness Department

Bristol

United Kingdom

BS2 8HW

Sponsor information

Organisation

Department of Health

Funder(s)

Funder type

Hospital/treatment centre

Funder Name

United Bristol Healthcare NHS Trust (UK)

Funder Name

NHS R&D Support Funding

Results and Publications

Individual participant data (IPD) sharing plan**IPD sharing plan summary**

Not provided at time of registration