ISRCTN95530505 https://doi.org/10.1186/ISRCTN95530505

Low or high magnesium concentration in intermittent warm blood cardioplegia in patients undergoing coronary artery surgery: a prospective randomised study

Submission date
23/04/2002

Recruitment status
No longer recruiting

Registration date
23/04/2002

Overall study status
Completed

Last Edited
07/06/2011

Condition category
Circulatory System

[_] Prospectively registered
[_] Protocol
[_] Statistical analysis plan
[X] Results
[_] Individual participant data

Plain English summary of protocol
Not provided at time of registration

Contact information

Type(s)
Scientific

Contact name
Mr Massimo Caputo

Contact details
Bristol Heart Institute
Bristol Royal Infirmary
Marlborough Street
Bristol
United Kingdom
BS2 8HW
+44 (0)117 9283145
massimocaputo@hotmail.com

Additional identifiers

Protocol serial number
PG/02/044/13713

Study information

Scientific Title

Study objectives
A comparison between two diferent strategies of myocardial protection.

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)
Treatment

Health condition(s) or problem(s) studied
Ischaemic heart disease

Interventions
Patients will be randomised to:
1. 5 mmol/l Magnesium (Mg2+)
2. 16 mmol/l Mg2+)
In the intermittent antegrade warm blood cardioplegia

Intervention Type
Drug

Phase
Not Specified

Drug/device/biological/vaccine name(s)
Magnesium

Primary outcome(s)
Not provided at time of registration

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

Completion date
01/12/2004

Eligibility

Key inclusion criteria
1. A diagnosis of ischaemic heart disease
2. Undergoing primary myocardial revascularisation with the use of cardiopulmonary bypass and cardioplegic arrest

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
01/12/2001

Date of final enrolment
01/12/2004

Locations

Countries of recruitment
United Kingdom

England

Study participating centre
Bristol Heart Institute
Bristol
United Kingdom
BS2 8HW

Sponsor information

Organisation
British Heart Foundation (UK)

ROR

https://ror.org/02wdwnk04

Funder(s)

Funder type
Charity

Funder Name
British Heart Foundation (UK)

Alternative Name(s)
the_bhf, The British Heart Foundation, BHF

Funding Body Type
Private sector organisation

Funding Body Subtype
Trusts, charities, foundations (both public and private)

Location
United Kingdom

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	01/09/2011		Yes	No