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A multi-centre randomised controlled trial of minimally invasive bypass grafting vs angioplasty with stenting for single vessel disease of the left anterior descending coronary artery

Submission date 25/04/2003	**Recruitment status** No longer recruiting	[_] Prospectively registered [_] Protocol [_] Statistical analysis plan [X] Results [_] Individual participant data
Registration date 25/04/2003	**Overall study status** Completed	
Last Edited 08/11/2022	**Condition category** Circulatory System	

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
HTA 96/04/06

Study information

Scientific Title
A multi-centre randomised controlled trial of minimally invasive bypass grafting vs angioplasty with stenting for single vessel disease of the left anterior descending coronary artery

Study objectives
Coronary artery bypass grafting and angioplasty =/- stenting are both effective but expensive treatments for coronary heart disease. Cheaper alternative procedures with equal or better effectiveness could achieve substantial savings for the NHS. For patients with single vessel disease, Minimally Invasive Direct Coronary Artery Bypass (MIDCAB) is an alternative procedure to angioplasty, which is the "first-line" procedure for this group of patients. Preliminary findings indicate MIDCAB is more effective and potentially cheaper than angioplasty +/- stenting.

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)
Not specified

Study type(s)
Not Specified

Participant information sheet

Health condition(s) or problem(s) studied
Cardiovascular diseases: Heart disease

Interventions
1. Direct coronary artery bypass
2. Angioplasty +/- stenting

Intervention Type
Other

Phase
Not Specified

Primary outcome measure
The study will assess clinical (recurrence of symptoms, adverse clinical events), functional (exercise ECG, symptom questionnaire), quality of life outcomes (EuroQol, GHQ, and cardiac-specific questionnaires) and health service use (contacts with primary care teams, diagnostic investigations, readmissions, etc) and associated costs. All study patients will be followed for a minimum of 1 year.

Secondary outcome measures
Not provided at time of registration.

Overall study start date
03/05/1999

Completion date
02/10/2002

Eligibility

Key inclusion criteria
Not provided at time of registration.

Participant type(s)
Patient

Age group
Not Specified

Sex
Not Specified

Target number of participants
Not provided at time of registration.

Key exclusion criteria
Not provided at time of registration.

Date of first enrolment
03/05/1999

Date of final enrolment
02/10/2002

Locations

Countries of recruitment
England

United Kingdom

Study participating centre
Department of Cardiac Surgery
Bristol
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Sponsor information

Organisation
Department of Health (UK)

Sponsor details
Quarry House
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Sponsor type
Government

Website
http://www.dh.gov.uk/en/index.htm

ROR
https://ror.org/03sbpja79

Funder(s)

Funder type
Government

Funder Name
NIHR Health Technology Assessment Programme - HTA (UK)

Results and Publications

Publication and dissemination plan
Not provided at time of registration

Intention to publish date

Individual participant data (IPD) sharing plan
Not provided at time of registration

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	HTA monograph	01/04/2004		Yes	No