ISRCTN06298974 https://doi.org/10.1186/ISRCTN06298974

Pilot study to test the usefulness of contractile reserve during dobutamine and exercise echo to predict recovery after mitral valve repair mitral valve prolapse

Submission date 28/09/2007	**Recruitment status** No longer recruiting	[_] Prospectively registered [_] Protocol [_] Statistical analysis plan [_] Results [_] Individual participant data [_] Record updated in last year
Registration date 28/09/2007	**Overall study status** Completed	
Last Edited 24/08/2015	**Condition category** Circulatory System	

Plain English summary of protocol
Not provided at time of registration

Contact information

Type(s)
Scientific

Contact name
Dr Guy Lloyd

Contact details
Cardiology Department
Eastbourne District General Hospital
Kings Drive
Eastbourne
United Kingdom
BN21 2UD

Additional identifiers

EudraCT/CTIS number

IRAS number

ClinicalTrials.gov number

Secondary identifying numbers

N0019189543

Study information

Scientific Title
Pilot study to test the usefulness of contractile reserve during dobutamine and exercise echo to predict recovery after mitral valve repair mitral valve prolapse

Study objectives
To assess usefulness of contractile reserve during dobutamine and exercise echo to predict recovery after mitral valve repair for mitral valve prolapse. Whether contractile reserve judged by stress echocardiography, both pharmacological and exercise, can accurately predict post-operative exercise performance as judged by metabolic exercise performance following valve repair for mitral valve prolapse.

Ethics approval required
Old ethics approval format

Ethics approval(s)
Not provided at time of registration

Study design
Randomised controlled pilot study

Primary study design
Interventional

Secondary study design
Randomised controlled trial

Study setting(s)
Hospital

Study type(s)
Treatment

Participant information sheet
Not available in web format, please use the contact details below to request a patient information sheet

Health condition(s) or problem(s) studied
Cardiovascular: Mitral valve disease

Interventions
Dobutamine vs standard practice

Intervention Type
Drug

Phase

Not Specified

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

Primary outcome measure
Death, myocardial infarction, hospitalisation for CHF.

Secondary outcome measures
1. Baseline tissue Doppler contractile reserve
2. Baseline exercise test parameters
3. Neurohumoral markers
4. TOE and surgical parameters

Overall study start date
07/03/2007

Completion date
01/05/2007

Eligibility

Key inclusion criteria
1. Patients admitted to Eastbourne District General Hospital for mitral valve repair
2. Accepted for repair of mitral valve prolapse on clinical grounds and high probability of repairable valve

Participant type(s)
Patient

Age group
Not Specified

Sex
Not Specified

Target number of participants
15

Key exclusion criteria
1. Inability to perform test
2. Hypersensitivity to dobutamine or SonoView

Date of first enrolment
07/03/2007

Date of final enrolment
01/05/2007

Locations

Countries of recruitment
England

United Kingdom

Study participating centre
Eastbourne District General Hospital
Eastbourne
United Kingdom
BN21 2UD

Sponsor information

Organisation
Record Provided by the NHSTCT Register - 2007 Update - Department of Health

Sponsor details
The Department of Health
Richmond House
79 Whitehall
London
United Kingdom
SW1A 2NL
+44 (0)20 7307 2622
dhmail@doh.gsi.org.uk

Sponsor type
Government

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

Funder(s)

Funder type
Government

Funder Name
East Sussex Hospitals NHS Trust (UK), Peer Medical Research Trust

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