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