

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	<input type="checkbox"/> Prospectively registered
Registration date 28/09/2007	Overall study status Completed	<input type="checkbox"/> Protocol
Last Edited 24/08/2015	Condition category Circulatory System	<input type="checkbox"/> Statistical analysis plan
		<input type="checkbox"/> Results
		<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

Contact name

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Contact details

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Additional identifiers

Protocol serial number

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

Study type(s)

Treatment

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(s)

Death, myocardial infarction, hospitalisation for CHF.

Key secondary outcome(s)

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

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

Healthy volunteers allowed

No

Age group

Not Specified

Sex

Not Specified

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

United Kingdom

England

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

Funder(s)

Funder type

Government

Funder Name

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

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?
Participant information sheet	Participant information sheet	11/11/2025	11/11/2025	No	Yes