

Cardiopulmonary exercise testing: does anaerobic threshold increase after a prescribed exercise programme in patients with abdominal aortic aneurysms under surveillance?

Submission date 20/12/2006	Recruitment status No longer recruiting	<input type="checkbox"/> Prospectively registered <input type="checkbox"/> Protocol
Registration date 18/05/2007	Overall study status Completed	<input type="checkbox"/> Statistical analysis plan <input checked="" type="checkbox"/> Results
Last Edited 03/05/2011	Condition category Circulatory System	<input type="checkbox"/> Individual participant data

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

06/Q1003/75

Study information

Scientific Title

Study objectives

Anaerobic threshold, as measured by cardiopulmonary exercise testing, increases after a prescribed exercise programme in patients with abdominal aortic aneurysms under surveillance.

Ethics approval required

Old ethics approval format

Ethics approval(s)

South Tees Local Research Ethics Committee in October 2006 (ref: 06/Q1003/75).

Study design

Randomised-controlled interventional pilot study

Primary study design

Interventional

Secondary study design

Randomised controlled trial

Study setting(s)

Not specified

Study type(s)

Treatment

Participant information sheet

Health condition(s) or problem(s) studied

Abdominal aortic aneurysms under surveillance

Interventions

Cardiopulmonary exercise tests - the subjects have to complete this in week zero, five and seven of the study (the control and the exercise groups both complete these tests). Six week prescribed supervised exercise programme to complete in week one to six of the study. This comprises two 30 minute exercise sessions per week (only the exercise group undergoes the prescribed exercise programme).

Intervention Type

Other

Phase

Not Specified

Primary outcome measure

Improvement in anaerobic threshold between week zero and week seven.

Secondary outcome measures

Improvement in anaerobic threshold between week zero and week five.

Overall study start date

23/10/2006

Completion date

01/04/2007

Eligibility

Key inclusion criteria

1. Abdominal aortic aneurysm patients under surveillance
2. Size of aneurysm less than 5.5 cm in diameter

Participant type(s)

Patient

Age group

Not Specified

Sex

Not Specified

Target number of participants

30

Key exclusion criteria

1. Medical exclusions to exercise - severe aortic stenosis, hypertrophic cardiomyopathy
2. Inability to climb a flight of stairs (baseline level of fitness)
3. Inability to complete the cardiopulmonary exercise test

Date of first enrolment

23/10/2006

Date of final enrolment

01/04/2007

Locations

Countries of recruitment

England

United Kingdom

Study participating centre
Anaesthesia Department
Middlesbrough
United Kingdom
TS43BW

Sponsor information

Organisation

South Tees Hospitals NHS Trust (UK)

Sponsor details

c/o Miss Karen Stage
Research and Development Department
Marton Road
Middlesbrough
England
United Kingdom
TS4 3BW

Sponsor type

Hospital/treatment centre

Website

<http://www.southtees.nhs.uk/>

ROR

<https://ror.org/02js17r36>

Funder(s)

Funder type

Government

Funder Name

Small grant from the South Tees Research and Development Department (UK)

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

Study outputs

Output type	Details	Date created	Date added	Peer reviewed?	Patient-facing?
Results article	results	01/10/2009		Yes	No