

# The effects of exercise rehabilitation on cardiac autonomic function, exercise capacity and quality of life in patients with chronic heart failure: a pilot study for UK-Heart III

<b>Submission date</b> 23/01/2004	<b>Recruitment status</b> No longer recruiting	<input type="checkbox"/> Prospectively registered
<b>Registration date</b> 23/01/2004	<b>Overall study status</b> Completed	<input type="checkbox"/> Protocol
<b>Last Edited</b> 12/05/2017	<b>Condition category</b> 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

Dr James Nolan

### Contact details

North Staffordshire Hospital NHS Trust  
Cardiothoracic Centre  
Hartshill  
Stoke-on-Trent  
United Kingdom  
ST4 6QG  
+44 (0)1782 552 493  
nolanjim@hotmail.com

## Additional identifiers

### Protocol serial number

895/WRD/38/032

## Study information

**Scientific Title**

The effects of exercise rehabilitation on cardiac autonomic function, exercise capacity and quality of life in patients with chronic heart failure: a pilot study for UK-Heart III

**Study objectives**

The aim of this study is to compare the relative effectiveness of a conventional aerobic training intervention and a newly developed exercise rehabilitation intervention in improving cardiac autonomic function, exercise capacity and quality of life in patients with chronic heart failure (CHF).

**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

**Study type(s)**

Quality of life

**Health condition(s) or problem(s) studied**

Cardiovascular diseases: heart disease

**Interventions**

1. Conventional aerobic training intervention
2. A newly-developed exercise rehabilitation

**Intervention Type**

Other

**Phase**

Not Applicable

**Primary outcome(s)**

1. Cardiac Autonomic Function (heart rate variability)
2. Exercise/functional capacity (VO2 peak)
3. Quality of life (Chronic heart failure Quality of Life Assessment scale, Edinburgh Rehabilitation Scale)

**Key secondary outcome(s))**

Not provided at time of registration

**Completion date**

01/04/2003

# Eligibility

## Key inclusion criteria

Patients with chronic heart failure

## Participant type(s)

Patient

## Healthy volunteers allowed

No

## Age group

Not Specified

## Sex

Not Specified

## Key exclusion criteria

Not provided at time of registration

## Date of first enrolment

01/04/2001

## Date of final enrolment

01/04/2003

# Locations

## Countries of recruitment

United Kingdom

England

## Study participating centre

North Staffordshire Hospital NHS Trust

Stoke-on-Trent

United Kingdom

ST4 6QG

# Sponsor information

## Organisation

NHS R&D Regional Programme Register - Department of Health (UK)

# Funder(s)

## Funder type

Government

## Funder Name

NHS Executive West Midlands (UK)

# 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?
<a href="#">Participant information sheet</a>	Participant information sheet	11/11/2025	11/11/2025	No	Yes