Effects of exercise training on O2 onset and recovery kinetics at submaximal exercise in patients with chronic heart failure.

No registrations found.

Ethical review	Positive opinion
Status	Recruitment stopped
Health condition type	-
Study type	Interventional

Summary

ID

NL-OMON22416

Source Nationaal Trial Register

Brief title N/A

Sponsors and support

Source(s) of monetary or material Support: Stichting 'Vrienden van het Hart'

Intervention

Outcome measures

Primary outcome

Change of time constant of O2 onset or recovery kinetics > 10 sec.

Secondary outcome

1. Change of peak VO2;

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Study description

Background summary

Oxygen uptake kinetics provide objective information on the ability to adapt to and recover from exercise that is indicative of daily life in patients with chronic heart failure. Therefore this parameter is potentially useful for measuring effects of exercise training in these patients. The main goal of this study is to determine the effects of exercise training on O2 onset and recovery kinetics in patients with chronic heart failure.

Study objective

The time constant of oxygen uptake during recovery of submaximal exercise is a reliable parameter to measure effects of exercise training in patients with chronic heart failure.

Study design

N/A

Intervention

Exercise training (12 weeks) versus standard care.

Contacts

Public

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Eligibility criteria

Inclusion criteria

Stable CHF (NYHA class II-III and echocardiographical ejection fraction <= 40%) attributed to idiopathic dilated cardiomyopathy or ischemic heart disease due to myocardial infarction.

Exclusion criteria

- 1. Myocardial infarction / unstable angina pectoris in previous 3 months;
- 2. Atrial fbrillation / flutter;
- 3. COPD (Tiffenau index < 60%).

Study design

Design

Study type:	Interventional
Intervention model:	Crossover
Allocation:	Randomized controlled trial
Masking:	Open (masking not used)
Control:	Active

Recruitment

NL	
Recruitment status:	Recruitment stopped
Start date (anticipated):	01-09-2002
Enrollment:	40
Туре:	Actual

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Ethics review

Positive opinionDate:19Application type:Fir

19-03-2006 First submission

Study registrations

Followed up by the following (possibly more current) registration

No registrations found.

Other (possibly less up-to-date) registrations in this register

No registrations found.

In other registers

Register	ID
NTR-new	NL576
NTR-old	NTR632
Other	: N/A
ISRCTN	ISRCTN66318889

Study results

Summary results N/A