

Accuracy of a 'level of fitness dependent protocol' for measuring VO2-max using bicycle-ergometry

Submission date 14/02/2006	Recruitment status No longer recruiting	☐ Prospectively registered
Registration date 14/02/2006	Overall study status Completed	☐ Protocol
Last Edited 05/11/2008	Condition category Other	☐ Statistical analysis plan
		☐ Results
		☐ Individual participant data
		☐ 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

NTR536

Study information

Scientific Title

Study objectives

If the 'level of fitness dependant protocol' produces a higher VO2-max in comparison with the adapted Bruce protocol, then a relevant difference can be shown when the results are statistically analysed.

Ethics approval required

Old ethics approval format

Ethics approval(s)

Received from the local medical ethics committee

Study design

Randomised, double blind, controlled, parallel group trial

Primary study design

Interventional

Study type(s)

Diagnostic

Health condition(s) or problem(s) studied

Accuracy of a 'level of fitness dependent protocol'

Interventions

Subjects will do both exercise tests with a minimum of one week and a maximum of 3 weeks in between. Which test is taken first is decided by means of chance.

Intervention Type

Other

Phase

Not Specified

Primary outcome(s)

The maximum VO2 of both tests taken.

Key secondary outcome(s)

No secondary outcome measures

Completion date

01/05/2006

Eligibility**Key inclusion criteria**

1. Aged 20 - 65 years of age
2. Healthy subjects

Participant type(s)

Patient

Healthy volunteers allowed

No

Age group

Adult

Sex

All

Key exclusion criteria

1. Use of medication concerning blood pressure or heart
2. Smoking subjects
3. Younger than 20 or older than 65 years
4. Musculoskeletal disorders which affect maximal bicycle ergometry

Date of first enrolment

13/12/2005

Date of final enrolment

01/05/2006

Locations**Countries of recruitment**

Netherlands

Study participating centre

St Anna Zorggroep

Geldrop

Netherlands

5660 AB

Sponsor information**Organisation**

St Anna Caregroup (St Anna Zorggroep) (The Netherlands)

ROR

<https://ror.org/04y89nz36>

Funder(s)**Funder type**

Hospital/treatment centre

Funder Name

St Anna Caregroup (St Anna Zorggroep) (The Netherlands)

Results and Publications

Individual participant data (IPD) sharing plan

IPD sharing plan summary

Not provided at time of registration