

Thinking on your feet, the influence of body position on cognitive performance.

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the aim of the study is to test whether body position is of influence on cognitive performance.

Ethical review	Approved WMO
Status	Recruitment stopped
Health condition type	Other condition
Study type	Observational non invasive

Summary

ID

NL-OMON40025

Source

ToetsingOnline

Brief title

Thinking on your feet

Condition

- Other condition

Synonym

not applicable

Health condition

het betreft geen aandoening, maar onderzoek van de fysiologie

Research involving

Human

Sponsors and support

Primary sponsor: Leids Universitair Medisch Centrum

Source(s) of monetary or material Support: Ministerie van OC&W

Intervention

Keyword: body position, cognition

Outcome measures

Primary outcome

Difference in performance on cognitive test battery in supine versus standing position.

Secondary outcome

Influence of hemodynamic parameters on the difference in cognitive performance of standing versus supine position.

Study description

Background summary

Evolution has driven homo sapiens towards an erect posture, with the upright position reflecting an active state and supine position reflecting a state of rest. These differences in activity related to body position might be of influence on cognitive performance. Current literature offers too little information on the effect of body position on cognitive performance.

Study objective

the aim of the study is to test whether body position is of influence on cognitive performance.

Study design

Participants will perform a cognitive test battery, both in supine and standing positions. During the test continuous hemodynamic parameters will be measured, such as blood pressure, heart rate and cardiac output.

Study burden and risks

There are no risks for the participants of the study. The burden of the study consists merely of 45 minutes spare time.

Contacts

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Trial sites

Listed location countries

Netherlands

Eligibility criteria

Age

Adults (18-64 years)

Elderly (65 years and older)

Inclusion criteria

Age between 18-65 years

Exclusion criteria

Medical history of cardiovascular disease, hypertension, diabetes mellitus, pulmonary disease, central nervous system disease, cancer

Study design

Design

Study type: Observational non invasive

Masking: Open (masking not used)

Control: Uncontrolled

Primary purpose: Other

Recruitment

NL

Recruitment status: Recruitment stopped

Start date (anticipated): 10-12-2013

Enrollment: 30

Type: Actual

Ethics review

Approved WMO

Date: 12-07-2013

Application type: First submission

Review commission: METC Leids Universitair Medisch Centrum (Leiden)

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

CCMO

ID

NL42850.058.13