

How does the cognitive functioning of geriatric patients influence the motor function?

No registrations found.

Ethical review	Positive opinion
Status	Recruiting
Health condition type	-
Study type	Observational non invasive

Summary

ID

NL-OMON23367

Source

NTR

Health condition

- sarcopenia
- motor function
- cognitive functioning
- Geriatrics

Sponsors and support

Primary sponsor: Orbis Medical Centre

Source(s) of monetary or material Support: -

Intervention

Outcome measures

Primary outcome

- a relation between decrease in cognitive functioning and motor function.

- a relation between decrease in cognitive functioning and sarcopenia.

Secondary outcome

-

Study description

Background summary

In this observational study which started in march 2013, we investigate the relationship between the cognitive functioning and motor function. We include geriatric patients who are diagnosed with a cognitive disorder. These patients underwent cognitive tests to check on their cognitive functioning. These results are used to check whether there is a connection between the motor function of these patients and the results of the cognitive tests. Or, is it true that patients with a lower result at the, for example, MMSE also have lower scores at the motor tests? Besides this primary target we examine the relationship between cognitive functioning and sarcopenia.

Study objective

We believe that there is a link between a decrease in cognitive functioning and motor function and sarcopenia.

Study design

At this time no follow-up points are planned.

Intervention

- Martin Vigori
- JAMAR
- MicroFET knee-extension
- SPPB
- Balance Quality Tester
- Timed up and Go
- RSGE-CD

- Bio Impedance Analysis
- Mini Mental State Examination

Contacts

Public

Geriatric department
Orbis Medical Centre
Dr. H. van der Hoffplein 1
W. Blois, de
Sittard 6162 BG
The Netherlands

Scientific

Geriatric department
Orbis Medical Centre
Dr. H. van der Hoffplein 1
W. Blois, de
Sittard 6162 BG
The Netherlands

Eligibility criteria

Inclusion criteria

- geriatric patients at the Orbis Medical Centre.
- patients that fit the CBO guidelines for having a cognitive disorder.

Exclusion criteria

- patient can not be instructed because of the level of cognitive functioning.
- decreased motor function because of an amputation, fracture, arthritis or a paralysis.
- patient is in a terminal condition.
- patient has a pacemaker or ICD.

- patient did not sign a informed consent.

Study design

Design

Study type:	Observational non invasive
Intervention model:	Parallel
Allocation:	Non controlled trial
Masking:	Open (masking not used)
Control:	N/A , unknown

Recruitment

NL	
Recruitment status:	Recruiting
Start date (anticipated):	01-03-2013
Enrollment:	150
Type:	Anticipated

Ethics review

Positive opinion	
Date:	12-04-2014
Application type:	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	NL4423
NTR-old	NTR4547
Other	: METC Atrium-Orbis-Zuyd 13-N-23

Study results