

The effects of observation of walking on physical, cognitive, and quality of life related outcomes in older adults with dementia

No registrations found.

Ethical review	Positive opinion
Status	Recruiting
Health condition type	-
Study type	Interventional

Summary

ID

NL-OMON22590

Source

Nationaal Trial Register

Health condition

Dementia; dementie

Sponsors and support

Primary sponsor: VU University Amsterdam

Source(s) of monetary or material Support: Ambient Assisted Living Joint Programme

Intervention

Outcome measures

Primary outcome

Physical activity:

- Parameter M10, Actiwatch (AW)2

Physical performance:

- Timed Up & Go test
- 4-Meter Walking Speed test
- Sit to Stand test
- For the gait pattern: sensors, EXLs1
- For ADL: Katz index

Secondary outcome

Cognition:

- Mini-Mental State Examination
- Eight words test (subtest ADS)*
- Picture completion (subtest GIT)
- Letter fluency test*
- Digit span (subtest WAIS-III)
- Face recognition and Picture recognition (subtest RBMT)*
- Category fluency tests (subtest GIT)
- Visual memory span (subtest WMS)*

* indicates that the test is administered only for participants with an MMSE score of 15-25

Quality of life related outcomes:

- DQoL
- QUALIDEM
- For depression: Cornell Scale for Depression in Dementia

- For the rest-activity rhythm: Actiwatch (AW)2

Study description

Background summary

This randomized controlled trial aims to examine the effects of observation of walking on physical, cognitive, and quality of life related outcome measures in older adults with dementia, residing in residential care facilities.

Study objective

1. The observation of videos of walking people has a beneficial effect on the amount of physical activity and on physical performance in older adults with dementia
2. The observation of videos of walking people has beneficial effects on cognition and quality of life related outcomes in older adults with dementia

Study design

There are four timepoints for the test administrations: baseline (T1; week 0), halfway through the intervention (T2; week 7), post-intervention (T3; week 13), and follow-up (T4; week 19).

Intervention

This is a 3-month intervention in which videos are shown to an experimental group (videos of walking people), and to a control group (videos of nature). These videos are shown on two TV screens in the living rooms of residential care facilities, and are shown during the whole day on weekdays.

Contacts

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Eligibility criteria

Inclusion criteria

- Having a diagnosis of dementia (as stated in the medical status of the person)
- MMSE score of 15-25, or a lower score
- Age: at least 70 years

Exclusion criteria

- History of alcoholism
- Cerebral trauma
- Hydrocephalus
- Visual impairments
- Neoplasm
- History of depression
- Personality disorders, other than those based on dementia
- Disturbances of consciousness
- Not being ambulant

Study design

Design

Study type:	Interventional
Intervention model:	Parallel
Allocation:	Randomized controlled trial
Masking:	Single blinded (masking used)
Control:	Placebo

Recruitment

NL	
Recruitment status:	Recruiting
Start date (anticipated):	01-05-2013
Enrollment:	199
Type:	Anticipated

Ethics review

Positive opinion	
Date:	31-07-2014
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	NL4353
NTR-old	NTR4708
Other	AAL-project : 60-61700-98-023 / 32 030 0003.

Study results