# Evaluation of a decision support tool (application) for district nurses and dementia case managers

No registrations found.

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

## Summary

### ID

NL-OMON24721

**Source**
NTR

**Health condition**

Decision support for district nurses and dementia case managers; problem assessment; advices on solutions; facilitating 'aging in place'

### Sponsors and support

**Primary sponsor:** Maastricht University; Zuyd University of Applied Sciences
**Source(s) of monetary or material Support:** Province of Limburg

### Intervention

### Outcome measures

**Primary outcome**

Level of confidence of professionals with regard to detection of problems and the advice on possible solutions

**Secondary outcome**

Uniformity in decision making with regard to the problem assessment;

Perceived added value of the application according to the participants;

Usability of the decision support tool

# Study description

## Background summary

With a growing emphasis on community-based dementia care, nurses and case managers play an

important role in identifying practical problems hindering people with dementia (PwD) to live at home

and advising them on possible solutions to facilitate aging in place. Both are complex and challenging

tasks for professionals. To support nurses and case managers with these tasks a decision support tool

in the form of an application (app) on a tablet PC has been developed. The aim of this study is to

evaluate the efficacy in terms of sense of confidence of professionals with regard to problem

assessment and advices on possible solutions, uniformity in problem identification, added value of the

app and its usability.


The study design consists of a randomized controlled trial with two arms (intervention and control

group). In a laboratory setting nurses, case managers and nursing students are asked to analyze once

a case describing the situation of community-dwelling person with dementia and to provide

suggestions for possible solutions to deal with the detected problems. Participants in the interventions

are asked to use the decision support app while participants in the control group were asked to use

their usual way of working.

**Study design**

Immediately after intervention is completed

**Intervention**

The intervention is a decision support tool (application installed on a tablet PC) supporting professionals in conducting a problem assessment and giving advices on possible solutions aiming to facilitate aging in place of people with dementia.
Participants in the intervention group should conduct a problem assessment and give advices on possible soultions for problems which can hinder people with dementia to live at home. They are asked to conduct the problem assessment and advices on possible solutions according to their usual way of working complemented by the decision support app. Particpants in the control group are asked to conduct the problem assessment and advices on possible solutions according to their usual way of working only.

# Contacts

**Public**
Maastricht University
Theresa Thoma-Lürken
Maastricht
The Netherlands
**Scientific**
Maastricht University
Theresa Thoma-Lürken
Maastricht
The Netherlands

# Eligibility criteria

## Inclusion criteria

- professionals working as district nurse or dementia case manager;

- nursing students (third or fourth year) with experience in community-based care

## Exclusion criteria

Professionals who participated in the development of the application

# Study design

## Design

| | |
|---|---|
| Study type: | Interventional |
| Intervention model: | Parallel |
| Allocation: | Randomized controlled trial |

**Control:** N/A , unknown

## Recruitment

NL

| | |
|---|---|
| Recruitment status: | Recruitment stopped |
| Start date (anticipated): | 16-01-2017 |
| Enrollment: | 80 |
| Type: | Actual |

# Ethics review

Positive opinion

| | |
|---|---|
| Date: | 19-12-2016 |
| 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 | NL6036 |
| NTR-old | NTR6167 |
| Other | : grant no. 2013/15434 |

# Study results