

# Hand hygiëne in Nursing Homes

No registrations found.

<b>Ethical review</b>	Positive opinion
<b>Status</b>	Recruiting
<b>Health condition type</b>	-
<b>Study type</b>	Interventional

## Summary

### ID

NL-OMON24059

### Source

NTR

### Brief title

HANDSOME

### Health condition

Hand hygiëne compliance in nursing homes will be studied. Good hand hygiëne is considered the single most important intervention to control transmission of infectious disease pathogens in nursing homes.

hand hygiene, handhygiëne, nursing home, verpleeghuis, 5 moments of the WHO, 5 momenten van de WHO, compliance

## Sponsors and support

**Primary sponsor:** Erasmus Medisch Centrum (Erasmus Medical Center) and GGD Rotterdam-Rijnmond (Municipal Public Health Service for the region Rotterdam-Rijnmond)

**Source(s) of monetary or material Support:** ZonMW (The Netherlands Organisation for Health Research and Development)

## Intervention

## Outcome measures

### Primary outcome

Hand hygiene compliance

### **Secondary outcome**

- Infection incidence, measured on a weekly basis

Additional outcomes:

- Environmental contamination changes
- Change (increase/decrease) in use of HH products during the course of the study
- Possibly: cost-effectiveness analysis

## **Study description**

### **Background summary**

Nursing homes are environments highly favourable to the acquisition and spread of infection, with susceptible residents sharing common sources of air, food, water and health care. Good hand hygiene is considered the single most important intervention to control the transmission of infectious disease in nursing homes. The main aim of this study is to evaluate the effectiveness of an intervention to improve hand hygiene compliance in nursing homes in the Netherlands. A secondary aim is to study alternative means to measure hand hygiene compliance, including monitoring pathogens in the immediate environment.

### **Study objective**

An intervention in hand hygiene should increase hand hygiene compliance. An intervention will be implemented at two different moments to see which is more successful.

### **Study design**

After the baseline, follow-up measurements will take place approximately 3 months, 6 months and 12 months after the intervention implementation.

### **Intervention**

- Conversation with management which may, among other things, lead towards changes in the environment.
- Live training of nurses and nurse's aides in groups

- Online training of nurses and nurse's aides
- SMS messages
- Posters

## Contacts

### **Public**

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## Eligibility criteria

### **Inclusion criteria**

The organization needs to have a minimum of three and a maximum of four locations in the study. The location should have a minimum of two units. Each unit should have three or more nurses or nurse aids (MBO-3 level or higher) on staff between 7 am and 12 noon. The units need to be somatic, psychogeriatric or psychiatric units. If the units themselves are not large enough (or the location is not large enough), units (or small locations) can be combined.

The organization needs to be responsible for supplying hand hygiene products. If a unit is a combined unit with "long term health care" residents (verzorging), then it may be included if

the organization takes responsibility for supplying hand hygiene products to all residents. If the location has no "units", but is very large with a staff of more than 6 people that work throughout the units between 7 am and noon, then the entire location is considered the equivalent of two units.

## Exclusion criteria

Long term health care centers (verzorgingshuizen) and home care situations are excluded. Rehabilitation units are also excluded. Organizations with fewer than three locations are excluded.

## Study design

### Design

Study type:	Interventional
Intervention model:	Other
Allocation:	Randomized controlled trial
<b>Control:</b>	N/A , unknown

### Recruitment

NL	
Recruitment status:	Recruiting
Start date (anticipated):	01-12-2016
Enrollment:	55
Type:	Anticipated

## Ethics review

Positive opinion	
Date:	25-10-2016
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	NL6049
NTR-old	NTR6188
Other	ZonMW : 50-53000-98-151

## Study results

### Summary results

Articles will be submitted for publication starting 2017.