

# Reducing physical restraints in psycho-geriatric nursing home residents

<b>Submission date</b> 07/06/2006	<b>Recruitment status</b> No longer recruiting	<input type="checkbox"/> Prospectively registered
<b>Registration date</b> 07/06/2006	<b>Overall study status</b> Completed	<input type="checkbox"/> Protocol
<b>Last Edited</b> 08/01/2021	<b>Condition category</b> Mental and Behavioural Disorders	<input type="checkbox"/> Statistical analysis plan
		<input checked="" type="checkbox"/> Results
		<input type="checkbox"/> Individual participant data

**Plain English summary of protocol**  
Not provided at time of registration

## Contact information

**Type(s)**  
Scientific

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## Additional identifiers

**Protocol serial number**  
NL592, NTR648

## Study information

**Scientific Title**  
Reducing physical restraints in psycho-geriatric nursing home residents

**Study objectives**

It is hypothesized that an educational intervention will lead to a reduction of restraint use in psycho-geriatric nursing home residents.

**Ethics approval required**

Old ethics approval format

**Ethics approval(s)**

Not provided at time of registration

**Primary study design**

Interventional

**Study design**

Randomized controlled trial

**Study type(s)**

Treatment

**Health condition(s) or problem(s) studied**

Physical restraint use

**Interventions**

The educational intervention consists of an educational programme combined with consultation with a nurse specialist. The educational intervention is designed to comply with the decision-making process concerning restraint use defined in a Dutch guideline for restraint use in care situations and to cause nurses to embrace a philosophy of restraint-free care and be familiar with techniques of individualized care. Nurses in the experimental group attended the educational programme on restraint use. Furthermore, consultation with a nurse specialist was introduced on the experimental wards. There was no educational intervention in the control group and residents received the normal care.

**Intervention Type**

Other

**Phase**

Not Specified

**Primary outcome(s)**

1. Restraint prevalence: the percentage of residents observed restrained at any time during the 24-hour period
2. Restraint intensity: the number of times in four observations that a particular resident is restrained
3. Restraint types: restraint types used in residents
4. Multiple restraint: the number of different restraint types used per resident recorded during the four observations

**Key secondary outcome(s)**

1. Residents' characteristics, like demographic characteristics, cognitive status, self performance in activities of daily living, mobility, fall incidence, fall-related injuries and psycho-active drug use
2. Organisational characteristics, like workload of nurses and staffing level on the wards

**Completion date**

01/10/2006

## Eligibility

**Key inclusion criteria**

Psycho-geriatric nursing home residents

**Participant type(s)**

Patient

**Healthy volunteers allowed**

No

**Age group**

Senior

**Sex**

All

**Total final enrolment**

432

**Key exclusion criteria**

Nursing home residents suffering from Korsakov's disease or psychiatric diseases are excluded

**Date of first enrolment**

01/09/2003

**Date of final enrolment**

01/10/2006

## Locations

**Countries of recruitment**

Netherlands

**Study participating centre**

**University Maastricht (UM)**

Maastricht

Netherlands

6200 MD

# Sponsor information

## Organisation

University of Maastricht (UM) (The Netherlands)

## ROR

<https://ror.org/02jz4aj89>

# Funder(s)

## Funder type

University/education

## Funder Name

University of Maastricht (UM), Province of Limburg, The Netherlands

## Funder Name

Meander Care Group (Zorggroep Meander Oostelijk Zuid-Limburg, the Netherlands)

# Results and Publications

## Individual participant data (IPD) sharing plan

## IPD sharing plan summary

Not provided at time of registration

## Study outputs

Output type	Details	Date created	Date added	Peer reviewed?	Patient-facing?
<a href="#">Results article</a>	results	01/07/2009	08/01/2021	Yes	No