

Reducing physical restraints in psycho-geriatric nursing home residents

Submission date
07/06/2006

Recruitment status
No longer recruiting

☐ Prospectively registered

☐ Protocol

Registration date
07/06/2006

Overall study status
Completed

☐ Statistical analysis plan

☒ Results

Last Edited
08/01/2021

Condition category
Mental and Behavioural Disorders

☐ 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

EudraCT/CTIS number

IRAS number

ClinicalTrials.gov number

Secondary identifying numbers
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

Study design

Randomized controlled trial

Primary study design

Interventional

Secondary study design

Randomised controlled trial

Study setting(s)

Not specified

Study type(s)

Treatment

Participant information sheet

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 measure

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

Secondary outcome measures

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

Overall study start date

01/09/2003

Completion date

01/10/2006

Eligibility**Key inclusion criteria**

Psycho-geriatric nursing home residents

Participant type(s)

Patient

Age group

Senior

Sex

Both

Target number of participants

400

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)

Sponsor details

P.O. Box 616

Maastricht

Netherlands

6200 MD

Sponsor type

University/education

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

Publication and dissemination plan

Not provided at time of registration

Intention to publish date

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? |
|---------------------------------|---------|--------------|------------|----------------|-----------------|
| Results article | results | 01/07/2009 | 08/01/2021 | Yes | No |