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Reducing physical restraints in psycho-geriatric nursing home residents

Submission date	Recruitment status
07/06/2006	No longer recruiting
Registration date	**Overall study status**
07/06/2006	Completed
Last Edited	**Condition category**
08/01/2021	Mental and Behavioural Disorders

[ ] Prospectively registered
[ ] Protocol
[ ] Statistical analysis plan
[X] Results
[ ] 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
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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