Is lowering of shear and friction forces (cost)effective for prevention of pressure ulcers?

No registrations found.

Ethical review	Not applicable
Status	Pending
Health condition type	-
Study type	Interventional

Summary

ID

NL-OMON23041

Source
NTR

Brief title
DecuPrev

Health condition

Pressure ulcer
Prevention
Shear and friction force
Costs

Decubituswond
Preventie
Schuif- en Wrijfkracht
Kosten

Sponsors and support

Primary sponsor: SenseTextile BV
Hertog Hendriklaan 6, 5062CJ te Oisterwijk
Source(s) of monetary or material Support: SenseTextile BV
Hertog Hendriklaan 6, 5062CJ te Oisterwijk

Intervention

Outcome measures

Primary outcome

Reduction of pressure ulcers on the new system with 30%.

Secondary outcome

Reduction of superficial pressure ulcers related to transfers, reduction of total cost prevention.

Study description

Background summary

12 nursing homes in a radius of 40 km around Etten-Leur (The Netherlands) are approached to participate. For each center between 8 and max 40 clients are included.

Study objective

Prevention of pressure ulcers is a major challenge since there is still an unacceptably high number of clients in nursing homes, care homes and residential care centers where pressure ulcers arise after intake of new residents.
The study involves a comparison of a newly developed system which consists of in-use CE-marked equipment parts on a standard visco-elastic foam mattress vs a visco-elastic foam mattress of the same quality for the prevention of pressure ulcers, which can occur while lying on a mattress or bed, or while traveling in/out of bed.

Study design

Pressure ulcer category 1, 2, 3 or 4 according to definitions Richtlijn preventie van decubitus V&VN 2009

Timepoints:13 (1 intake, 1x per week, during 12 weeks)

Intervention

About half the population will receive a visco-elastic foam mattress and the other part the same type of mattress with the Bedcare Plus system on top of it.

Contacts

Public
Organisatie: Avoord Zorg en Wonen.
Afdeling: Medische zaken.
M.W.F. Leen, van
Nassaulaan 1
4872 CW Etten-Leur
[default]
The Netherlands
Scientific
Organisatie: Avoord Zorg en Wonen.
Afdeling: Medische zaken.
M.W.F. Leen, van
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The Netherlands

Eligibility criteria

Inclusion criteria

1. Both genders, age ≥ 60 years, mentally competent or incompetent

2. Life expectation >3 month

3. Chronic patient in nursing home

4. No pressure ulcer in last 3 months

5. Braden score 6-15

6. Patient or his legal representative has read and signed Informed consent form before treatment

Exclusion criteria

1. Patient is participating in another wound study.

2. Patient has any condition(s) like need of hospital care, cancer, sepsis that seriously

compromises the patient’s ability to complete this study according to the judgment of the MD

Study design

Design

Study type:	Interventional
Intervention model:	Parallel
Allocation:	Randomized controlled trial
Masking:	Open (masking not used)
Control:	Active

Recruitment

NL

Recruitment status:	Pending
Start date (anticipated):	01-07-2014
Enrollment:	220
Type:	Anticipated

Ethics review

Not applicable

Application type:	Not applicable

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	NL4435
NTR-old	NTR4557
Other	: Bedcare Plus/MvL

Study results

Summary results
Q1, 2015