Frontier Community hub

Case Study

repose®

A multi-centre prospective randomized controlled clinical trial to compare the effectiveness and cost of a static air mattress and alternating air pressure mattress to prevent pressure ulcers in high risk nursing home residents.

Professor Dimitri Beeckman D. Beeckman et al. / International Journal of Nursing Studies 97 (2019) 105–113

308 Patients
> 65 Years

26
Care Homes

High Risk
Braden Score ≤ 12 and/or Braden subscale score for mobility ≤ 2

Intervention

repose®

Control

(alternating air pressure mattress)

Incidence

5.2%
Intervention

11.7%
Control

Time to develop

10.5 days
Intervention

5.4 days
Control

Incidence Density

0.41/100 days

0.89/100 days

Cost

0.18p

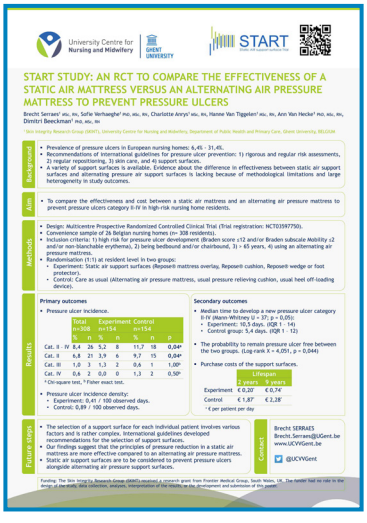
0.48p

Repose works!

1/2 the incidence rate
p = 0.04

Pressure ulcer free for twice as long
p = 0.05

Less than 1/2 the cost



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