## frontiertherapeutics®



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







Braden score ≤12 and/or Braden subscale score for mobility ≤2

## Intervention

repose

Incidence





11.7%

## **Control**

(alternating air pressure mattress)

Time to develop





5.4 days

0.41/100 days



Incidence density

0.89/100 days

0.20 €



Cost

0.53 €

## Repose works!

incidence rate p = 0.04

Pressure ulcer free for twice as long



Less than the cost



The findings suggest Repose is both clinically & cost effective when compared to alternating mattresses

