

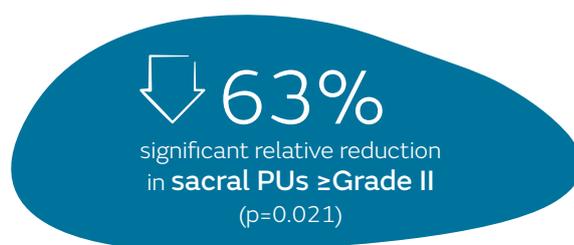
Addition of ALLEVYN[®] LIFE Foam Dressing to standard preventive care can help prevent sacral pressure ulcers (PUs) in elderly patients with hip fracture

Forni C, D'Alessandro F, Gallerani P, et al. Effectiveness of using a new polyurethane foam multi-layer dressing in the sacral area to prevent the onset of pressure ulcer in the elderly with hip fractures: A pragmatic randomised controlled trial. *Int Wound J*. 2018;15(3):383–390.

Available at: [International Wound Journal](https://onlinelibrary.wiley.com/doi/10.1111/iwj.12988) 

Keys points

Compared with standard care alone, addition of ALLEVYN LIFE Dressing demonstrated:

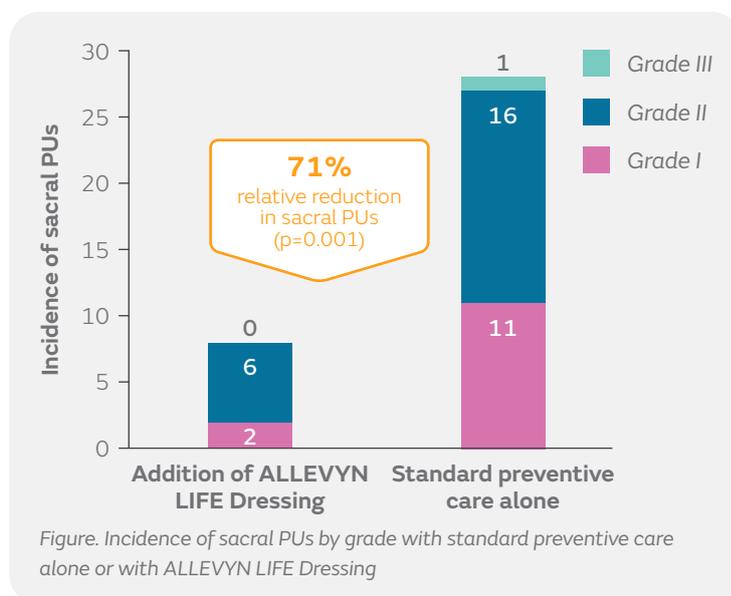


Overview

- Pragmatic, randomised, controlled, superiority trial to analyse the effect of ALLEVYN LIFE Dressing on the prevention of sacral PUs
- Patients were aged ≥65 years and admitted with a fragility hip fracture to the accident and emergency department of an orthopaedic hospital in Italy
- Patients received standard preventive care alone (n=182) or with ALLEVYN LIFE Dressing (n=177), applied within 24 hours of admission for the study duration (8 days) and changed as required
- Standard preventive care included a reactive foam mattress (Braden score <18 and >15) or an active support surface mattress (Braden score <16); patients were moved and skin inspected every 4 hours

Results

- Significant relative reduction in the incidence of sacral PUs with addition of ALLEVYN LIFE Dressing versus standard preventive care alone (8 vs 28 PUs; p=0.001; Figure)
 - Number needed to treat was 9 patients
- 63% significant relative reduction in sacral PUs ≥Grade II with addition of ALLEVYN LIFE Dressing versus standard preventive care alone (6 vs 17; p=0.021; Figure)
- No incidence of Grade III sacral PUs with ALLEVYN LIFE Dressing (Figure)
- A secondary outcome looking at all PUs (n=50) showed a significant delayed onset with addition of ALLEVYN LIFE Dressing versus standard preventive care alone (6 vs 4 days; p=0.001)
- Despite daily dressing lifting for skin inspection, the ALLEVYN LIFE Dressing was not found to be rolled back or detached



Conclusions

Addition of ALLEVYN LIFE Dressing to standard preventive care significantly reduced the incidence of sacral PUs compared with standard preventive care alone in elderly patients with hip fracture.

For detailed product information, including indications for use, contraindications, precautions and warnings, please consult the product's applicable Instructions for Use (IFU) prior to use.