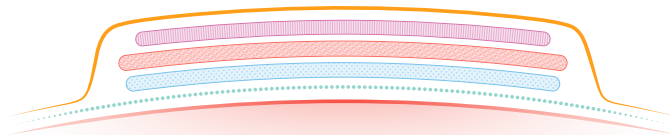


# ALLEVYN<sup>◇</sup> LIFE Dressing

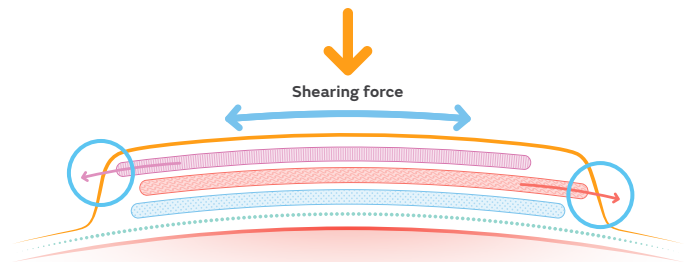
## Pressure injury prevention (PIP) mode of action

ALLEVYN LIFE Dressing absorbs mechanical energy through frictional sliding and internal shear of its **independent layers**, and thereby helps reduce sustained loading forces on the soft tissues.<sup>1</sup>

Dressing at rest



Dressing with shearing force applied



**ALLEVYN LIFE Dressing absorbs 30-45% of mechanical energy** within the dressing<sup>1</sup>

Absorption of mechanical energy likely **increases during wear time**<sup>1</sup>

## Reducing pressure injury incidence and costs

ALLEVYN LIFE Dressing helps to reduce pressure injury incidence,<sup>2-4\*</sup> **helping lower the overall treatment-associated costs of pressure injuries**, when compared to standard preventative care alone.<sup>5</sup>

### Sacral pressure injuries Estimated treatment costs



\*When used as part of a comprehensive prevention program and when compared to standard care alone. \*\*Meta-analysis of n=3 studies including n=1,150 patients. OR 0.34 (95% CI: 0.22-0.54); when used as part of a comprehensive prevention program and when compared to standard care alone. \*\*\*Range of estimated cost savings (37-69%) n=359; compared with using standard preventative care alone.

**References:** **1.** Marché C, Creehan S, Gefen A. The frictional energy absorber effectiveness and its impact on the pressure ulcer prevention performance of multilayer dressings. *Int Wound J.* 2024;21(4):e14871. **2.** 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 **3.** Stankiewicz M, Gordon J, Dulhunty J, et al. A cluster-controlled clinical trial of two prophylactic silicone sacral dressings to prevent sacral pressure injuries in critically ill patients. *WPR&R Journal.* 2019;27(1):21–26. **4.** Austin M. Implementation of a Medical Device Related Pressure Injury Prevention Bundle: A Multidisciplinary Approach. Paper presented at: SAWC; 2019. **5.** Forni C, Searle R. A multilayer polyurethane foam dressing for pressure ulcer prevention in older hip fracture patients: an economic evaluation. *J Wound Care.* 2020;29(2):120–127. **6.** Atkinson L, Costa B. (2024). Pressure Injury Prevention with A Unique Multi-Layer Foam Dressing: A Systematic Review and Meta-Analysis of Randomized Controlled Trials. Poster presented at the 34th European Wound Management Association Annual Meeting, May 1–3, 2024, London, United Kingdom.