

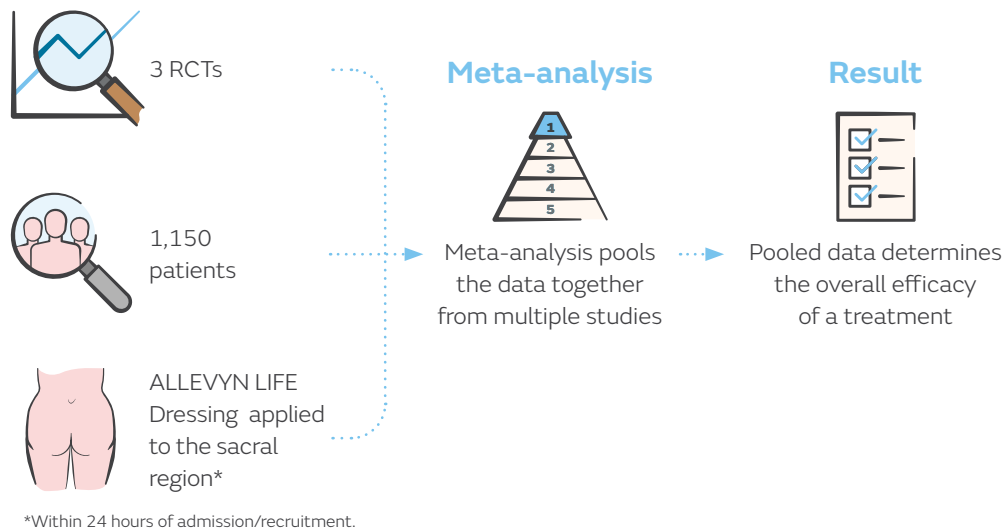
# ALLEVYN<sup>®</sup> LIFE Foam Dressing significantly reduces the odds of pressure injury (PI) incidence, compared to standard care alone: a systematic literature review and meta-analysis

Atkinson L, Costa B. Pressure injury prevention with a unique multi-layer foam dressing: a systematic review and meta-analysis of randomized controlled trials. Poster presented at: European Wound Management Association (EWMA); May 1–3, 2024; London, UK.

## Overview

- A systematic literature review and meta-analysis was performed to determine the efficacy of ALLEVYN LIFE Dressing in reducing incidence of PI
  - ALLEVYN LIFE Dressing was used in addition to standard care, versus standard care alone
- The systematic literature review identified studies for review and possible inclusion in the meta-analysis
  - Three high-quality randomised controlled trials (RCTs) met the population, intervention, comparison, outcomes, and study (PICOS) criteria and were subsequently included in this meta-analysis

## Methodology



## Results

 **66%** Significant reduction in the odds of pressure injury incidence

The results of the meta-analysis demonstrate that the implementation of ALLEVYN LIFE Dressing in a pressure injury prevention (PIP) protocol significantly reduces the odds of PI incidence, compared to standard care alone ( $p < 0.01$ )



### Supports previous findings

This data clinically supports previously reported in vitro findings, highlighting ALLEVYN LIFE Dressing as both a frictional energy absorber and pressure redistributor<sup>1</sup>

## Conclusion

This meta-analysis showed that addition of ALLEVYN LIFE Dressing to a pressure injury prevention protocol significantly reduces the odds of pressure injury development by 66%, when compared with standard care alone. Further to this, this data supports previous findings that highlight ALLEVYN LIFE Dressings ability to absorb frictional energy and redistribute pressure to support pressure injury reduction.

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**Reference:** 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.