Prevention protocols could help to reduce the human and economic cost of pressure ulcers.
In a prevalence study of 25 European hospitals across 5 countries, 18.1% of in-patients had a grade 1-4 pressure ulcer, with 10.5% having a grade 2-4 pressure ulcer.\(^1\)

Estimated annual cost to the UK NHS of caring for patients with a pressure ulcer (2005-06 prices)

£1.7 - £2.6 billion

at a cost of £4,300 - £6,400 per patient\(^2\)

In a UK community care home environment, every £1 spent on community-based tissue viability woundcare services to reduce pressure ulcers, generated £51.56 in return\(^3\).

The use of comprehensive prevention protocols significantly reduced the incidence of pressure ulcers. Standardising care with targeted interventions based on level of risk was more cost-effective over the 5-month period.\(^4\)
Smith & Nephew offer a comprehensive range of effective products for the prevention of pressure ulcers when used as part of a pressure ulcer prevention protocol.

- **Pressure**: ALLEVYN® Life, DERMAPAD®
- **Moisture**: SECURA® Cleanser, SECURA Barrier Cream
- **Friction**: OPSITE® Flexifix, Gentle, SECURA Barrier Cream
- **Shear**: ALLEVYN Life, DERMAPAD

...and could help reduce the human and economic cost of pressure ulcers.
Managing the moisture micro-climate

Dry, moist, undernourished and fragile aged skin is generally more at risk of pressure damage than nourished, hydrated skin.

SECURA cleanser effectively cleans the skin without the need for rinsing. It may be used as a total body cleanser including the perineum and hair. It is ideal for incontinent patients as its gentle formula is kind to the skin.

- Contains aloe and glycerine which help to moisturise and condition the skin.

- On application it creates a protective film over the skin which helps to protect against moisture loss which may lead to skin breakdown.

- Specially formulated to clean sensitive skin areas and is pH balanced to help protect the skin's natural acid mantle.

- It helps to reduce odour and has a fresh, clean smell helping to improve the quality of life for incontinent patients by leaving them and their rooms smelling fresh between cleansings.

- Convenient and cost effective format.

SECURA° cleanser is your first line of defence
SECURA™ Barrier Cream D contains 5% dimethicone and emollients, which when applied to the skin provides a breathable, transparent, non-greasy, protective barrier layer that helps to protect the skin against maceration.

- Maintains skin integrity by protecting the skin from exposure to faeces, urine and bodily fluids
- Helps prevent and temporarily protects chafed, chapped, cracked or wind burned skin and lips
- Non-greasy, will not wash away
- Absorbs quickly
- Does not clog briefs or adversely affect the absorbency of incontinence pads
- Transparent application allows for visual skin inspection without removal
- Paediatrician tested: safe for use in children and full term infants 0-36 months of age
- Fragrance and lanolin free
- Helps to moisturise dry skin
The multi-layered design of ALLEVYN Life enables the dressing to **redistribute pressure**

**ALLEVYN Life** can be used in accordance with a comprehensive pressure ulcer prevention plan to help prevent pressure ulcers\(^{15,16}\).

- **Gentle on the skin**\(^{17,18,19}\)
- **Easy to apply and remove**\(^{19}\)
- **Can be repositioned without loss of adherence**\(^{16,19}\)
- **Contributes to a pressure ulcer prevention program**\(^{20}\)

In a recent study of ALLEVYN Life for pressure ulcer prevention at a hospital in the Western US:\(^{17}\)

- **100% of patients were free from pressure injury**
- **Average dressing wear time = 4 days**
- **24-bed med/surg/neuro ICU**
- **Average Braden score = 12.3**
- **22 evaluations**
Pressure distribution comparison study\(^21\) *(in-vitro)*

*Pressure transferred through dressings when pressure was applied to the dressing surface using a probe.*

New ALLEVYN\(^\circ\) Life effectively redistributes pressure across the coverage area helping to reduce concentrated pressure points *(in-vitro)*

**ALLELVYN Life**

**Mepilex\(^\text{TM}\) Border**

Now available.....

**ALLELVYN Life Heel** has a unique design that provides coverage to the malleolus without the need for secondary retention

**ALLELVYN Life Sacrum** with its unique tail is designed specifically for wounds in the sacral area to fit around the cleft, helping to overcome common problems such as the dressing tenting.
DERMAPAD™* - Designed to help prevent pressure ulcers

DERMAPAD is a polymer gel pad that helps to redistribute pressure to reduce the risk of pressure related tissue damage in critical areas. It is typically used on bony areas to help prevent skin damage from pressure as part of a care plan. DERMAPAD has been shown to contribute to a 75% drop in the number of pressure ulcers.

DERMAPAD can be used on:
- Early signs of pressure damage
- Under devices to prevent damage
- Recently healed pressure ulcers
- Areas at risk of damage

How it works

High pressure points can disrupt the flow of blood and the supply of oxygen which can cause damage to the skin.

DERMAPAD works by helping to redistribute pressure over a large area to reduce the peak pressure at any one point (usually a bony area like the heel or the sacrum). Instead, the force is spread over a larger area, reducing the average pressure on the skin.

DERMAPAD reduces peak pressure by up to 89% (in-vitro).

*DERMAPAD is branded as ADERMA™ in the UK
OPSITE® Flexifix Gentle - Low friction film, gentle on the skin

 OPSITE Flexible Gentle combines breathability24 transparency and a seven day wear time25,26 to offer a versatile silicone roll film which can help protect the skin from the formation of pressure ulcers.

- Low friction film24 can help in protecting the skin from the formation of pressure ulcers
- Conformable and extensible24
- Minimises pain on removal25,27
- Easy to apply – can be lifted and repositioned without losing adherent properties25
- Transparent film32 allows regular inspection without the need for removal
- Showerproof26,29,30,31
- Ability to cut to required size32

OPSITE Flexifix Gentle Case Study33

The case study involved a sedated and ventilated patient with an oral endotracheal device in place. OPSITE Flexifix Gentle was placed under the endotracheal tube ties, which are firmly secured to prevent accidental removal of the endotracheal tube. The endotracheal tube was removed 48 hours after application of the product. The product did not need replacement in this period, but was successfully repositioned when the endotracheal tube was retied as part of daily nursing care. No evidence of friction trauma or pressure damage was noted following removal. The cost of application was approximately £0.19.
References


**SECURA**
6. SECURA Cleanser formulation FS22.
11. Triple Care D Formulation (Swiss American Products).
12. USA FDA 21 CFR Part 347 - Skin Protectant Drug Products for Over the Counter Human Use (Final Monograph, 06/2003)

**ALLEVYN** Life
16. Coggins T et al. Using a hydrocellular foam dressing with silicone adhesive* as part of a comprehensive pressure ulcer prevention plan: Results from five US hospital ICUs. SAWC Spring 2012.
17. Lisco C. Evaluation of a new silicone gel-adhesive hydrocellular foam dressing as part of a pressure ulcer prevention plan for ICU patients. WOCN 2013.
20. Smith & Nephew Data on File DS/12/125/DOF Impact protection properties of ALLEVYN Life, MepilexTM Border and BiatainTM Silicone

**DERMAPAD**

**OPSITE** Flexifix Gentle
25. VT Study Data of File (on ALLEVYN Gentle Border) HVT050 04/12/08.
30. Internal data on file. Reference HVT031 – A double blind, randomised, prospective, within volunteer comparison of Flexifix with EBO additive and corona treatment, Flexifix with EBO additive without corona treatment and the standard Flexifix product

*DERMAPAD is branded as ADERMA® in the UK*
### Ordering information

#### SECURA\(^{\circledast}\)

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#### ALLEVYN\(^{\circledast}\) Life

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#### DERMAPAD\(^{**}\)

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*DERMAPAD is branded as ADERMA\(^{\circledast}\) in the UK*
Prevention protocols could help to reduce the human and economic cost of pressure ulcers

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For patients. For budgets. For today.™

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