

EXUDATE MANAGEMENTOPTIMISING THE WOUND BED



WOUNDS | UK

Exudate Dressing Indications Key features level ■ Best in class exudate $\bullet \bullet \Diamond \Diamond \frown - \bullet \bullet \bullet \bullet$ Superabsorbent wound dressing. Cutimed® nded for the treatment of: management Pressure ulcers Vertical absorption Sorbion® Double sided application Leg ulcers Diabetic foot ulcers Soft debridement Sachet S Other wounds healing through secondary intention Reduces odour Conformable to the wound Exuding laparotomy wounds and body contours Fistulas to the skin Fungating wounds Suitable for use with compression therapy Postoperative wound Up to 7 day wear time*. dehiscense and similar exuding wounds. Best in class exudate Superabsorbent wound dressing $\bullet \bullet \Diamond \Diamond - \bullet \bullet \bullet \bullet$ Cutimed® management with enhanced absorption and _ Vertical absorption retention capacity. Sorbion® Double sided application Soft debridement Sachet Extra Pressure ulcers Leg ulcers Reduces odour Conformable to the wound and body contours Other wounds healing through secondary intention Exuding laparotomy wounds Suitable for use with compression therapy Up to 7 day wear time* Fistulas to the skin Fungating wounds Postoperative wound dehiscense and similar exuding wounds. Superabsorbent wound dressing Best in class exudate $\bullet \bullet \lozenge \lozenge - \bullet \bullet \bullet \bullet$ designed to fit large wound areas (e.g. circumferential leg ulcer). Cutimed® management1 Vertical absorption Double sided application Sorbion® Sachet ended for the treatm Pressure ulcers ΧI Soft debridement Reduces odour Conformable to the wound Leg ulcers Diabetic foot ulcers Other wounds healing through and body contours secondary intention Suitable for use with compression therapy Exuding laparotomy wounds Fistulas to the skin ■ Up to 7 day wear time* Fungating wounds Postoperative wound dehiscense and similar exuding wounds. Superabsorbent wound dressing with a high tack silicone border Best in class exudate $\bullet \bullet \circ \circ - \bullet \bullet \bullet \bullet$ management¹ **Cutimed®** Secure adhesion to the skin for quick application and atraumatic dressing changes. Intended for the treatment of: Gentle and atraumatic dressing change High breathability Sorbion® **Border** Pressure ulcers Leg ulcers Diabetic foot ulcers Skin-friendly Showerproof Easy repositioning Other wounds healing through secondary intention Exuding laparotomy wounds Vertical absorption Soft debridement Reduces odour Conformable to the wound Fistulas to the skin Fungating wounds Postoperative wound and body contours Suitable for use with compression therapy dehiscense and similar exuding wounds Up to 7 day wear time* Superabsorbent wound dressing Best in class exudate $\bullet \bullet \circ \circ - \bullet \bullet \bullet \bullet$ management¹ Vertical absorption suitable for application on Cutimed® contoured body parts (e.g. toes, Sorbion® Sachet Double sided application Intended for the treatment of: Soft debridement Multi Star Pressure ulcers Leg ulcers Reduces odour Conformable to the wound and body contours Suitable for use with Diabetic foot ulcers Other wounds healing through secondary intention compression therapy Exuding laparotomy wounds Fistulas to the skin ■ Up to 7 day wear time*. Fungating wounds Postoperative wound dehiscense and similar exuding wounds. Best in class exudate Superabsorbent wound dressing $\bullet \circ \circ \circ - \bullet \bullet \bullet \bullet \bullet$ **Cutimed®** with an atraumatic wound management contact layer. Intended for the treatment of: Atraumatic dressing change Sorbion® Sana Vertical absorption Double sided application Gentle Pressure ulcers Leg ulcers Diabetic foot ulcers Soft debridement Reduces odour Conformable to the wound Other wounds healing through secondary intention Dehisced wounds, as well and body contours Suitable for use with compression therapy as burns Up to 7 day wear time*. Epidermolysis Bullosa (EB). Best in class exudate Superabsorbent wound $\bullet \bullet \Diamond \Diamond \bigcirc - \bullet \bullet \bullet \bullet$ **Cutimed®** management dressing designed for use Vertical absorption Double sided application Soft debridement with catheters and drainages. Sorbion® Sachet S Drainage Reduces odour Conformable to the wound and body contours Suitable for use with Effective exudate management and optimal wound bed preparation compression therapy Necrotic Superficial ■ Up to 7 day wear time* Sloughy Low nding on wound conditions and saturation of wound dressing

Moderate

Excessive

Superficial + Deep

Granulating

Infected

Epithelialising

Essity Group (2024) Commissioned laboratory testing at SMTL: Evaluation of absorbency and fluid retention of different superabsorbent wound dressings (based on EN 13726)

Exudate management:A common clinical challenge

Clinical challenges

Wound exudate is produced as a normal part of the healing process to prevent the wound from drying out and to supply tissues with essential nutrients and growth factors for healing. Wounds that produce high levels of exudate can become overhydrated, which may lead to:

- Maceration of periwound skin
- Malodour
- Increased pain
- Enlargement of the wound

- Delayed healing
- Local wound infection
- Protein loss/electrolyte imbalance

Impact on patient

- Embarrassment/anxiety
- Social isolation
- Wet dressings

- Frequent dressing changes
- Loss of confidence in treatment
- Reduced quality of life

Aims of management

- Absorb exudate to remove excess moisture from the wound and surrounding skin
- Reduce bacterial load and remove harmful proteases and cytokines through absorption of the exudate into the dressing
- Avoid periwound maceration by protecting the surrounding skin and maintaining a moist, but not saturated wound environment.

Choosing an ideal wound dressing

There are numerous dressings with different modes of fluid handling. Ideally, the selected dressing should:

- ✓ Absorb and retain large quantities of exudate, even under compression
- ✓ Be easy to apply and pain-free to remove
- Create an optimal wound environment to stimulate healing
- ✓ Be conformable and comfortable
- Avoid exudate-related problems (e.g. maceration).

Source: World Union of Wound Healing Societies (WUWHS). Consensus Document. Wound exudate: effective assessment and management, 2019.

Optimising the wound bed:Hydration response technology

Hydration Response Technology (HRT) is a design concept that combines exudate management with wound bed preparation. This technology is used exclusively for the manufacture of Cutimed® Sorbion® dressings.

Two components — **mechanically modified cellulose fibres and selected gelling agents** — work together to absorb and retain large quantities of wound exudate, encourage wound bed preparation and protect the periwound skin.

Soft but strong polypropylene outer layer, which is ultrasonically sealed, with no glues, binders or adhesives Hypoallergenic materials to reduce the risk of skin irritation

Expansion border allows maximum contact with wound bed, even when saturated

Gel formation maintains a moist wound environment to encourage autolytic debridement for removal of non-viable tissue from the surface of the wound

Gel-forming polymers and supporting cellulose fibres form a matrix (with no glues or adhesives) to absorb and retain exudate, keeping harmful proteases and cytokines away from the surface of the wound bed