Wounds UK

CATEGORY: SUPERABSORBENT DRESSINGS

CUTIMED®SORBION® SACHET S

MAKING THE CASE

WHAT IS CUTIMED SORBION SACHET S?

Cutimed® Sorbion® Sachet S (BSN medical) is a superabsorbent dressing for primary wound contact. It is indicated for use on moderate to highly exuding wounds, including chronic wounds such as venous leg, diabetic foot and pressure ulcers, as well as acute wounds healing by secondary intention (BSN medical, 2015a).

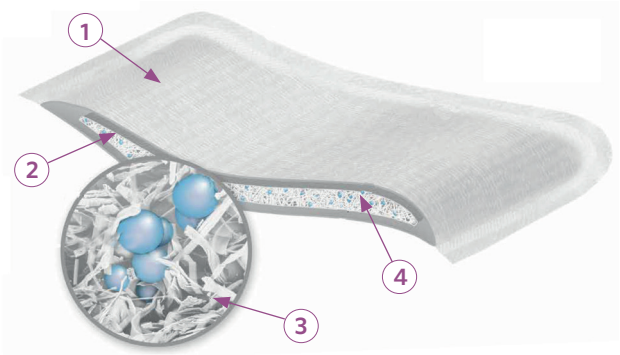
Cutimed Sorbion Sachet S is hypoallergenic, can be worn for up to 4 days, and eliminates the need to layer multiple dressings (BSN medical, 2015b). It forms part of a range of products used across various phases of the wound healing process (BSN medical, 2015c).

WHAT MAKES CUTIMED SORBION SACHET S DIFFERENT TO OTHER SUPERABSORBENT DRESSINGS?

Cutimed Sorbion Sachet S incorporates Hydration Response Technology (HRT), a design concept exclusive to the Sorbion range.

HRT combines two components, mechanically modified cellulose fibres and selected gel-forming polymers, which work together to absorb and retain large quantities of exudate, encourage wound bed preparation and protect the periwound skin (Figure 1) (Wounds UK, 2015).

Figure 1: Key features of the Cutimed Sorbion Sachet S dressing



1. The **polypropylene outer layer** is soft, strong and flexible; ultrasonically sealed with no glues or adhesives; has high liquid penetration; and can be removed without leaving a residue
2. The **expansion border** enables wide contact with the wound bed, even when saturated
3. **Gelling agents and supporting cellulose fibres** combine to form a matrix that absorbs and retains exudate, and locks harmful proteases and cytokines away from the wound bed
4. **Gel formation** ensures a moist wound environment is maintained to encourage autolytic debridement and remove non-viable tissue from the wound bed (Wounds UK, 2015)

CLINICAL EVIDENCE FOR CUTIMED SORBION SACHET S

The evidence base for Cutimed Sorbion Sachet S demonstrates that it is an effective superabsorbent dressing that supports positive patient outcomes (Butcher, 2015).

Exudate management: Two clinical studies and two individual patient case studies have provided evidence for the absorption properties of Cutimed Sorbion Sachet S. These studies demonstrated:

- Improved periwound condition in 19% of wounds, with no evidence of maceration, and an average reduction in wound area of 30% (clinical study; n=10) (Kwon Lee et al, 2009)
- No or minimal maceration in all wounds that were moderately exuding, and periwound skin improvement in 76% of highly exuding wounds at study end (clinical study; n=53) (Cutting, 2009)
- No evidence of strikethrough beyond the dressing (i.e. on the outer bandage) for a heavily exuding diabetic foot wound after week 4 of treatment, and no evidence of strikethrough at week 10, with complete healing at week 12 (case study) (Chadwick, 2008)
- Resolution of malodour in 1 day in a highly exuding, malodorous, macerated wound, with periwound skin improvement within 2 days (case study) (Sharp, 2010).

Wound bed preparation: the clinical evidence for Cutimed Sorbion Sachet S has also demonstrated:

- Reduction in the amount of slough in the wound bed from 39% to 20% in 4 weeks (Cutting, 2009)
- Modulation of harmful proteases, cytokines and free radicals (Bamford, 2011).

In addition, Cutimed Sorbion Sachet S maintains dressing integrity even when saturated, stays in place (Hermans, 2013) and can be easily applied to the wound (Williams, 2013).

COST OF CUTIMED SORBION SACHET S

Cutimed Sorbion Sachet S has recently been reintroduced to Drug Tariff (1 January, 2016) at a reduced cost (up to a 50.1% decrease in price). While still conferring all of the same exudate management and wound bed preparation benefits, the dressing has been competitively priced to meet today's budget, where choices have to be made about how money is spent.

Dressing sizes available for Cutimed Sorbion Sachet S (cm)	Per cent decrease from previous cost
7.5 x 7.5	46.6%
10 x 10	33.7%
20 x 10	46.6%
20 x 20	50.1%
30 x 20	50.1%

* Sizes also available: 12cm x 5cm, 15cm x 15cm

Q HOW WOULD INTRODUCING CUTIMED SORBION SACHET S AT THIS NEW PRICE AFFECT YOUR PRACTICE?

Explanation of how to use this guide: This document can be used to make the case for implementing effective prevention and management measures and may be supported by data from your own care setting. As well as economic impact, it is important to know the impact of interventions on patient quality of life and outcomes.

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CHALLENGES OF EXUDATE MANAGEMENT

Wound exudate is produced during normal healing to maintain a moist wound environment; however, over-production can lead to maceration of the periwound skin, malodour, pain, enlargement of the wound, protein loss/electrolyte imbalance, and exudate strike-through. Ineffective exudate management can also have a substantial effect on patient wellbeing, leading to the need for frequent dressing changes, dressing leakage, loss in confidence with treatment and reduced patient quality of life (Wounds UK, 2013).

Moderately and heavily exuding wounds are often associated with delayed healing and increased infection risk, while the elevated proteases found in chronic wound exudate can keep the wound in a sustained state of inflammation. When selecting a dressing for local management, clinicians need to consider its ability to effectively manage exudate without losing its structure (Butcher, 2015), prevent maceration and strike-through, minimise odour, reduce pain and improve patient wellbeing.

CLINICAL BENEFITS OF CUTIMED SORBION SACHET S

When compared with other superabsorbent dressings, Cutimed Sorbion Sachet S has an increased absorbency capacity (Figure 2) and retains fluid within the dressing; that is, away from the wound bed, reducing the risk of potential complications and optimising wound bed preparation (BSN medical, 2015b).

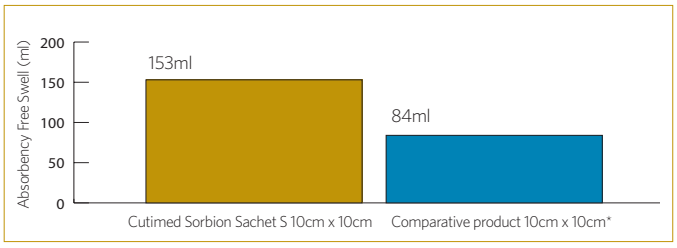

Figure 2: Absorbency capacity of 10cm x 10cm wound dressings

ECONOMIC BENEFITS OF CUTIMED SORBION SACHET S

Cutimed Sorbion Sachet S (10 x 10cm) can absorb up to 91% more than other superabsorbent dressings and has a high level of fluid retention. When cost per 100ml of fluid absorbed was compared with a comparative dressing, Cutimed Sorbion Sachet S was more cost-effective due to its high capacity for absorbency (Figure 3). Moreover, it can be applied directly to the wound bed so there is no need to layer up with secondary dressings, meaning that the cost of additional products is avoided. The dressing's high capacity for absorbency also means the usual requirement for frequent dressing changes with highly exuding wounds is also reduced (Wounds UK, 2015; BSN medical, 2015b).

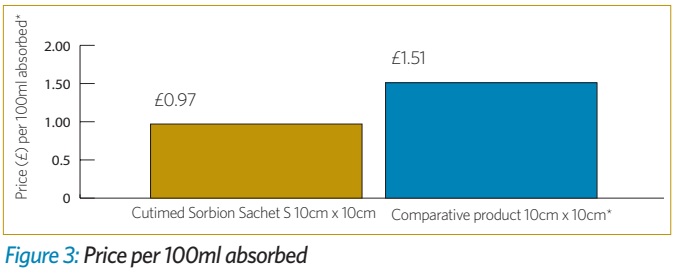

Figure 3: Price per 100ml absorbed

Q WHAT BENEFITS HAVE YOU SEEN WITH CUTIMED SORBION SACHET S?

PATIENT BENEFITS OF CUTIMED SORBION SACHET S

The hypoallergenic properties of Cutimed Sorbion Sachet S reduce its allergy potential and support long-lasting wear time and comfort. As well as providing effective exudate management and optimising wound bed preparation, the dressing has been shown to reduce wound malodour, which can have a substantial impact on quality of life. Furthermore, the reduced requirement for dressing changes and secondary products with Cutimed Sorbion Sachet S make it an unobtrusive, patient-friendly option (Wounds UK, 2015; BSN medical, 2015b).

If you were to explain to a colleague why you have chosen Cutimed Sorbion Sachet S, what would you give as the main benefits?

- **Proactive management of exudate**
  - ✓ Excellent capacity to absorb and manage exudate
  - ✓ Maintains a moist wound environment through gel formation
  - ✓ Prevents maceration of the periwound skin
- **Optimal wound bed preparation**
  - ✓ Reduces fibrinous necrotic tissue through autolytic debridement
  - ✓ Modulates harmful proteases and cytokines
  - ✓ Reduces risk of cross-contamination
- **Patient comfort and safety**
  - ✓ Securely manages exudate, even under compression
  - ✓ Reduces wound odour
  - ✓ Hypoallergenic — no glues, binders or adhesives — with low risk of skin irritation

References

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This Making the Case guide was developed using the literature and data provided by BSN medical.