## **Cutimed<sup>®</sup> Sorbact<sup>®</sup>**

Safe and effective infection management

An average of 73.1% bacterial reduction in critically colonised wounds\*



Mosti et al. Comparative study of two antimicrobial dressings in infected leg ulcers: a pilot study. J Wound Care. 2015 Mar;24(3):121-2; 124-7

## At least 30% of antibiotics prescribed in the outpatient setting are unnecessary<sup>1</sup>

While antibiotics have saved countless lives worldwide, their overuse in unsuitable cases has led to increasing antimicrobial resistance.

## By the year 2050, it is predicted that antimicrobial resistance will be responsible for 10 million annual deaths worldwide.<sup>1</sup>

In order to prevent the spread of antimicrobial resistant bacteria, there needs to be a significant decrease in antibiotic use in wound care. To be truly effective against antimicrobial resistance, action must be taken at every level of wound care, from wound specialists to wound nurses.

The European Wound Management Association recommends avoiding the unnecessary usage of antibiotics through adequate infection prevention/management and appropriate hygiene protocols.

The safe and highly effective Sorbact<sup>®</sup> Technology binds bacteria with a purely physical mode of action. Sorbact<sup>®</sup> Technology has no known resistance to bacteria and removes bacteria without releasing possibly harmful endotoxins.<sup>2</sup>

# Join the fight against antimicrobial resistance with Cutimed<sup>®</sup> Sorbact<sup>®</sup>



#### Cutimed<sup>®</sup> Sorbact<sup>®</sup> is suitable for clean, colonized and infected wounds such as:

- Chronic wounds (e.g. venous, arterial, diabetic or pressure ulcers)
- Postoperative dehisced wounds
- Traumatic wounds
- Wounds after excision of fistulas and abscesses
- Dermal fungal infections

<sup>1</sup> Tackling drug-resistant infections globally: Final Report and Recommendations – The Review on Antimicrobial Resistance chaired by Jim O'Neill, May 2016. <sup>2</sup> For information regarding Cutimed Sorbact<sup>®</sup> Gel, please follow the corresponding IFU.



#### Effective wound healing

Safe and effective removal of bacteria helps reduce the bioburden in wounds and facilitate the healing process. It is also shown that Cutimed<sup>®</sup> Sorbact<sup>®</sup> exhibits high cell compatibility and does not change cell morphology. Additionally, it minimizes cell attachment to the dressing surface, which may help avoid damage to tissues.



#### No known bacterial resistance

Cutimed<sup>®</sup> Sorbact<sup>®</sup> is not only highly effective against common hydrophobic wound bacteria, including MRSA<sup>3</sup> and VRE, but also targets fungi. Unlike certain antimicrobial substances that kill bacteria, development of bacterial resistance to the Cutimed<sup>®</sup> Sorbact<sup>®</sup> mode of action is not expected and it can be used for a prolonged period of time.<sup>4, 5</sup>

## **Benefits of Cutimed® Sorbact®:**

- Low risk of allergies to Sorbact<sup>®</sup>
- Helps reduce the bioburden in wounds<sup>6,7</sup>
- Immediate onset of action<sup>8</sup>
- No known risk of bacterial resistance has been described
- No release of active agents into the wound<sup>9</sup>
- Suitable for prolonged treatment<sup>4</sup>
- Does not promote the bacterial release of endotoxins<sup>10</sup>

Data on file, a. ABIGO Medical. Data on file, b. ABIGO Medical.

Ronner AC, Curtin J, Karami N, Ronner U, Adhesion of meticillin-resistant Staphylococcus aureus to DACC-coated dressings, J Wound Care, 2014 Oct; 23(10):484, 486-8.

Autimicrobial dressings with silver or PHMB for example might release active agents into the wound.

Gentili V. et al. Panbacterial real-time PCR to evaluate bacterial burden in chronic wounds treated with Cutimed Sorbact. Eur J Clin Microbiol Infect Dis. 2013 1(7):1523-1529. Mosti G. et al. Comparative study of two antimicrobial dressings in infected leg ulcers: a pilot study. J Wound Care. 2015 24(3):121-2, 124-7.

Budi Susilo Y and Husmark J. DACC coated wound dressing and endotoxin: Investigation on binding ability and effect on endotoxin release from gram-negative bacteria EWMA 2019. 2019; EP167.



### Cutimed<sup>®</sup> Sorbact<sup>®</sup> – Effective at all wound stages

Cutimed<sup>®</sup> Sorbact<sup>®</sup> is versatile and effective in a variety of wound stages. It may be used to manage wounds in the short term and may also be used for longer-term management in already infected wounds.

- Improves wound healing<sup>11</sup>
- Decreases wound size<sup>12,13</sup>
- Safe and easy to use<sup>12,14</sup>
- Comfortable for the patient<sup>15</sup>
- Helps reduce pain during wear<sup>12</sup>
- Helps reduce odor from the wound site<sup>16</sup>



levels will impair the process, resulting in an increased risk of wound infection and delayed wound healing.

Wound healing is a biological process involving a series of precisely programmed phases. Elevated microbe

- <sup>14</sup> Bateman S. Evidence is building to support using a DACC-coated antimicrobial auternative in wound management. wounds UK. 2008 4(2):10-18
  <sup>14</sup> Bateman S. Evidence is building to support using a DACC-coated antimicrobial wound Contact layer with NPWT. Wounds UK. 2015 11(1):82-86.15
  <sup>14</sup> For information regarding Cutimed<sup>®</sup> Sorbact<sup>®</sup> Gel, please follow the corresponding IFU.
  <sup>15</sup> Haycocks S. Use of DACC-coated dressings in diabetic foot ulcers: A case series: Diabetic Foot J. 2011 14:133-137.16
  <sup>16</sup> Hampton S. An evaluation of the efficacy of Cutimed Sorbact in different types of non-healing wounds. Wounds UK. 2007 3(4):113-119<sup>®</sup>.

<sup>&</sup>quot; Romain B. et al. Dialkylcarbamoyl chloride-coated versus alginate dressings after pilonidal sinus excision: a randomized clinical trial (SORKYSA study).BJS Open. 2020 4(2):225-231.14 "Kammerlander G. et al. An investigation of Cutimed® Sorbact® as an antimicrobial alternative in wound management. Wounds UK. 2008 4(2):10-18.12

## **Bacteria can't resist Cutimed® Sorbact®**

Based on physical interactions, Cutimed<sup>®</sup> Sorbact<sup>®</sup> safely removes bacteria by physical mode of action to help manage infection without releasing active agents into the wound.



#### Bind

- The DACC-coated surface of Cutimed<sup>®</sup> Sorbact<sup>®</sup> has special characteristics and hydrophobic properties
- Hydrophobic bacteria naturally bind and anchor to the unique Cutimed<sup>®</sup> Sorbact<sup>®</sup> surface
- May help avoid the release of endotoxins, which could impair wound healing<sup>17</sup>



#### **Pacify**

- The bacteria are irreversibly bound, growth is inhibited, and they are simply pacified
- Endotoxins are shown not to be released from the bacteria<sup>17</sup>
- No mechanism of antimicrobial resistance has been described with Cutimed<sup>®</sup> Sorbact<sup>®</sup>



#### Remove

- Bound bacteria, fungi and endotoxins are safely removed
- The bacterial load in the wound bed is reduced
- May help improve the healing process by reducing bacteria in the wound

<sup>17</sup> As shown in in vitro studies

For information regarding Cutimed® Sorbact® Gel, please follow the corresponding IFU.

## **Proven to treat wound infections**

Proven in more than 40 clinical studies and in publications including over 7,000 patients, Cutimed<sup>®</sup> Sorbact<sup>®</sup> has more than 30 years of successful use in clinical practice. Today Cutimed<sup>®</sup> Sorbact<sup>®</sup> is helping patients in over 65 countries around the world and we are continuing this important work by collecting clinical data.



# Safely binds hydrophobic bacteria and fungi

The effectiveness of Cutimed<sup>®</sup> Sorbact<sup>®</sup> is based on a physical mode of action. This creates a variety of benefits, which make your daily work effective:

- No release of antimicrobial agents
- Low risk of allergies to Sorbact<sup>®</sup>

#### In addition, the dressing can be used for:

- Prolonged duration of treatment<sup>18</sup>
- Children<sup>19</sup>
- Pregnant and breastfeeding women due to its physical mode of action<sup>19</sup>

<sup>&</sup>lt;sup>18</sup>The dressing changes should be considered acc. to patient specific needs and limitations given by the IFU.

<sup>&</sup>lt;sup>19</sup> Consider limitations mentioned in the IFU in regards to Cutimed<sup>®</sup> Sorbact<sup>®</sup> Gel



## Cutimed<sup>®</sup> Sorbact<sup>®</sup> effectively helps manage chronic wound infections

#### Cutimed<sup>®</sup> Sorbact<sup>®</sup> is proven effective in the management of chronic wounds

A European multicenter study involving 116 patients with infected or high-risk of infection wounds demonstrates that 72% of patients' wounds were improved and 21% were healed (a total of 93%) using Cutimed<sup>®</sup> Sorbact<sup>®</sup>.<sup>20</sup>





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#### Cutimed<sup>®</sup> Sorbact<sup>®</sup> has demonstrated proven effectiveness

In a randomized, comparative, single-site study of 40 patients with leg ulcers, Cutimed<sup>®</sup> Sorbact<sup>®</sup> was more effective at reducing bioburden than Aquacel<sup>®</sup> Ag.<sup>21</sup>

Cutimed<sup>®</sup> Sorbact<sup>®</sup> delivered a better bacterial reduction than Aquacel<sup>®</sup> Ag in chronic leg ulcers.



 $^{\mbox{\tiny 20}}$  Kammerlander G. et al. An investigation of Cutimed Sorbact as an antimicrobial

alternative in wound management. Wounds UK, 2008, Vol 4, No 2. <sup>21</sup> Mosti et al, Comparative study of two antimicrobial dressings in infected leg

<sup>21</sup> Mosti et al, Comparative study of two antimicrobial dressings in infected leg ulcers: a pilot study, Journal of Wound Care 2015 Mar;24(3):121-2;124-7

Sorbact® Gel and Cutimed® Sorbact® Gel are identical products

## Cutimed<sup>®</sup> Siltec<sup>®</sup> Sorbact<sup>®</sup> proven quality – no compromises

**Cutimed**<sup>®</sup> **Siltec**<sup>®</sup> **Sorbact**<sup>®</sup> combines the benefits of infection and exudate management by using a hydrophobic bacteria-binding wound contact layer and an innovative, gentle foam. It is suitable to manage the bacterial load in moderate to highly exuding wounds.



## **Easy to apply**

Due to the special shapes and ease of cutting, Cutimed<sup>®</sup> Siltec<sup>®</sup> Sorbact<sup>®</sup> can be used for all body parts, even highly contoured ones.



## Cutimed<sup>®</sup> Sorbion<sup>®</sup> Sorbact<sup>®</sup> powerful exudate management

Cutimed<sup>®</sup> Sorbion<sup>®</sup> Sorbact<sup>®</sup> enables safe infection management and handles large amounts of exudate at the same time due to the super-absorbent core.



### Cutimed<sup>®</sup> Sorbact<sup>®</sup> Hydroactive B stimulates the wound



Cutimed<sup>®</sup> Sorbact<sup>®</sup> Hydroactive B manages infections and stimulates autolytic debridement of fibrin and necrotic tissue.





#### Ordering information

Cutimed®	Size	Ref / BNR	Dressings per box
Cutimed <sup>®</sup> Sorbact <sup>®</sup> Swabs Flat, folded dressing for deep or superficial wounds.*	1.6 x 2.4 in 1.6 x 2.4 in 2.8 x 3.5 in 2.8 x 3.5 in	7216413 7216412 7216511 7216510	5 40 5 40
Cutimed® Sorbact® Ribbon Gauze For use in all kinds of cavity wounds.*	0.8 x 19.7 in 2 x 78.7 in	7216606 7216705	20 10
Cutimed <sup>®</sup> Sorbact <sup>®</sup> Round Swab Preformed for deep and superficial wounds.*	walnut	7216805	70 (5x14)
Cutimed® Sorbact® Dressing Pad Dressing fabric with absorbent core.	2.8 x 3.5 in 2.8 x 3.5 in 4 x 4 in 4 x 4 in 4 x 8 in	7216111 7216110 7216213 7216210 7216307	5 40 5 40 20
Cutimed <sup>®</sup> Sorbact <sup>®</sup> Gel Dressing Promotes autolytic debridement.*	3 x 3 in 3 x 6 in	7261112 7261113	10 10
Sorbact <sup>®</sup> Wound Contact Layer For use on shallow wounds and under compression	2 x 3 in 4 x 4 in 4 x 5 in 4 x 8 in 6 x 6 in 8 x 8 in	7266200 7266201 7266202 7266203 7266204 7266205	10 10 10 10 10 10
Cutimed <sup>®</sup> Sorbact <sup>®</sup> Hydroactive B Absorbent hydrogel core for low to moderately exuding wounds; with adhesive border.	2.8 x 3.3 in 5.5 x 5.5 in 7.5 x 7.5 in 5.5 x 9.4 in	7993300 7993302 7993303 7993304	10 10 10 10
Cutimed <sup>®</sup> Siltec <sup>®</sup> Sorbact <sup>®</sup> Super-absorbent foam dressing for moderate to highly exuding wounds; silicone adhesive border.	3 x 3 in 4 x 4 in 5 x 5 in 6 x 6 in 7 x 7 in 9 x 9 in	7325100 7325116 7325101 7325102 7325103 7325104	10 10 10 5 5
Cutimed® Siltec® Sorbact® (oval)	3 x 4 in	7325118	10
Cutimed® Siltec® Sorbact® (sacrum)	7 x 7 in 9 x 9 in	7325105 7325106	5 5
Cutimed <sup>®</sup> Sorbion <sup>®</sup> Sorbact <sup>®</sup> Super-absorbent dressing for highly exuding wounds.	4 x 4 in 4 x 8 in 8 x 8 in 8 x 12 in	7269808 7269809 7269810 7269811	10 10 10 10
Leukomed® Sorbact® Antimicrobial sterile dressing with absorbent pad	2 x 3 in 3 x 4 in 3 x 6 in 4 x 8 in 4 x 10 in 4 x 12 in 4 x 14 in	7619914 7619915 7619916 7619917 7619918 7619919 7619920	20 20 20 20 20 20 20 20

\* These dressings require an additional dressing on top to ensure proper exudate management.

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