

**AQUACEL** Ag  
BURN

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BURN



**Stop**  
painful dressing  
changes!\*

**Apply it, leave it,\* help heal it**

\* AQUACEL® Ag BURN and AQUACEL® BURN dressings provide a comfortable environment while the dressing is in situ or upon removal. Although the dressings may be left in place for up to 21 days, clinical judgement is recommended to determine whether multiple dressing changes should occur during that period. Please see package insert for complete Directions for Use.



# Challenges when treating partial thickness burns

- Painful dressing changes
- Infection
- Patient mobility

If you recognise these challenges, it's time to discover AQUACEL<sup>®</sup> BURN and AQUACEL<sup>®</sup> Ag BURN dressings.



## Overcoming the challenges with AQUACEL® BURN and AQUACEL® Ag BURN dressings

AQUACEL® BURN and AQUACEL® Ag BURN dressings are specially designed for use on partial thickness burns (PTBs). Both benefit from the gelling action of Hydrofiber® Technology, which is proprietary to ConvaTec.



- The dressings gel on contact with exudate, and as the exudate subsides they adhere to the burn through the collection of fibrin between the dressings and the burn.<sup>1</sup>
- This adherence is different from gauze dressings, which have fibres that become embedded in the wound.<sup>2</sup>
- As the burn heals, the dressings detach without traumatising the wound bed.<sup>1</sup>

### Glove and rectangular dressings after partial detachment



## Minimising painful dressing changes

- AQUACEL® BURN and AQUACEL® Ag BURN dressings can be left in place on PTBs and donor sites for up to 21 days or until clinically indicated, thus minimising the number of dressing changes.<sup>3</sup>
- AQUACEL® BURN and AQUACEL® Ag BURN dressings can be applied quickly without the need for additional ointments, thus reducing the time taken to dress the burn.
- Because they contain Hydrofiber® Technology, the dressings gel on contact with the wound, reducing pain while *in situ* and helping to reduce pain and trauma upon removal.<sup>4-7</sup>

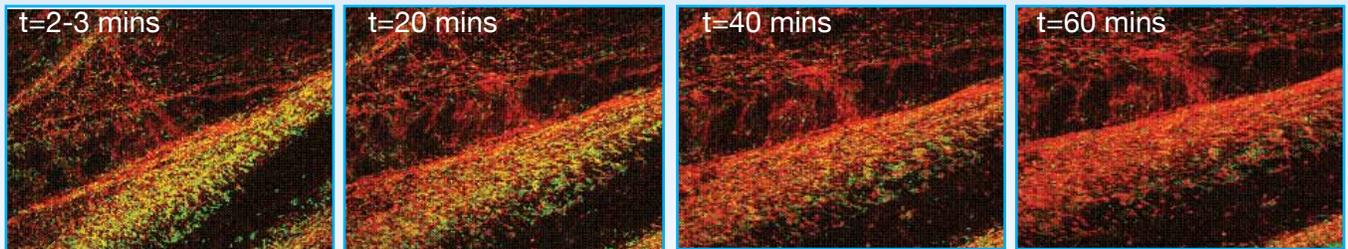
### AQUACEL® Ag BURN dressings (Glove and rectangular sizes) with Hydrofiber® Technology



## Reducing the risk of infection

- Harmful components contained in exudate – such as bacteria that may cause infection – are locked away in the wound dressing.<sup>8-9</sup>
- AQUACEL® Ag BURN dressing contains ionic silver – a proven antimicrobial – that kills a broad spectrum of pathogens<sup>10</sup>, including MRSA, VRE, *S. aureus*, *P. aeruginosa*, *C. krusei*, *A. niger* and *B. fragilis*\*.

### Bacterial sequestration within silver Hydrofiber® Technology



Green = Alive Red = Dead t = Time

Rapid confocal laser scanning microscopy allows 3D reconstruction to show the density of sequestered bacteria and extent of killing within AQUACEL® Ag dressing.<sup>11</sup>

## Allowing mobility while the dressing is in place

Proprietary Hydrofiber® Technology reinforced with Nylon stitching

- Provides flexibility, promoting patient mobility
- Improves integrity when wet
- Minimal shrinkage

### Key technologies:



Hydroentangled Hydrofiber® Technology + Stitchbonding technology

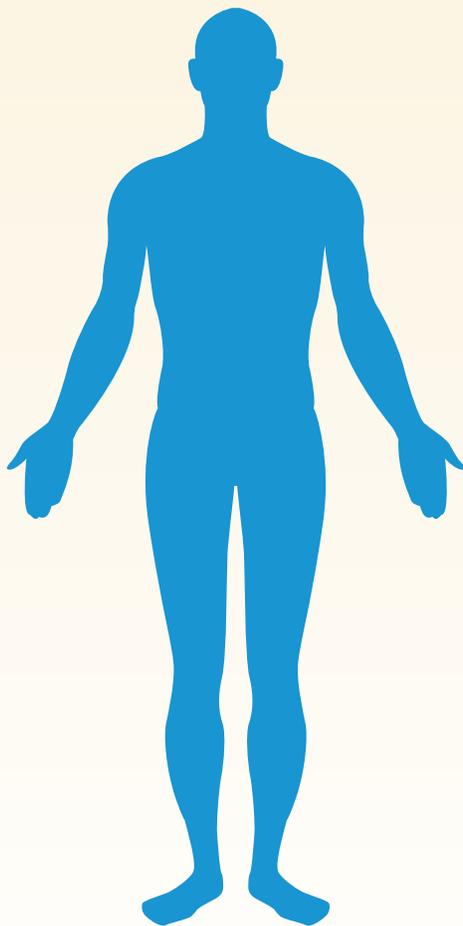
\* As demonstrated *in vitro*

# A dressing designed in consultation with burn surgeons and nurses

- AQUACEL® BURN and AQUACEL® Ag BURN dressings micro-contour closely to the wound bed, minimising the spaces where bacteria can thrive.\*<sup>12</sup>
- It creates and maintains an environment that is favourable to healing and is designed to detach during healing and re-epithelialisation.

## AQUACEL® BURN and AQUACEL® Ag BURN dressings

- Are easy to apply because they are available in larger rectangular sizes and various glove sizes appropriate for burns patients.
- Also appropriate for the management of donor sites.



**Example of a man**  
Height 172.5 cm (5' 9")  
Body and dressings in proportion

### Flat dressings



23cm x 100cm (9 in. x 39 in.)



54cm x 45cm (21 in. x 17.7 in.)



23cm x 30cm (9 in. x 12 in.)



17cm x 15cm (6.7 in. x 6 in.)



13cm x 10cm (5 in. x 4 in.)

### Gloves



Size 5



Size 4



Size 3



Size 2



Size 1

\* As demonstrated *in vitro*

# Hydrofiber® Technology transforms burn care

## Locks in fluid and traps bacteria<sup>8-9a</sup>

- May help minimise cross-infection during removal.<sup>8-9</sup>
- Helps protect periwound skin by helping reduce the risk of maceration.<sup>13-14</sup>



## Micro-Contours to the burn<sup>12a</sup>

- The Hydrofiber® Technology gels on contact with exudate and micro-contours to the wound bed, limiting space where bacteria can thrive.<sup>12</sup>



## Responds to levels of exudate by forming a cohesive gel

- The gelling action helps to reduce pain while the dressing is in situ.<sup>4</sup>
- Maintains a favourable moist environment for healing.
- Helps balance the inflammatory response.<sup>2</sup>
- On-demand ionic silver availability (AQUACEL® Ag BURN dressing).<sup>10a,b</sup>



Artist's impressions

a As demonstrated in vitro.

b AQUACEL® Ag BURN dressing is the same Hydrofiber® Technology as AQUACEL® Ag dressing with the addition of Nylon thread.

### AQUACEL® BURN (non-silver version)

Order Code	Dressing Size	Pack Size
	<b>Flat</b>	
403776	13cm x 10cm (5 in. x 4 in.)	5
403777	17cm x 15cm (6.7 in. x 6 in.)	5
403778	23cm x 30cm (9 in. x 12 in.)	5
403779	23cm x 100cm (9 in. x 39 in.)	3
403780	54cm x 45cm (21 in. x 17.7 in.)	3
	<b>Gloves</b>	
403781	Size 1	1
403782	Size 2	1
403783	Size 3	1
403784	Size 4	1
403785	Size 5	1

### AQUACEL® Ag BURN

Order Code	Dressing Size	Pack Size
	<b>Flat</b>	
403786	13cm x 10cm (5 in. x 4 in.)	5
403787	17cm x 15cm (6.7 in. x 6 in.)	5
403788	23cm x 30cm (9 in. x 12 in.)	5
403789	23cm x 100cm (9 in. x 39 in.)	3
403790	54cm x 45cm (21 in. x 17.7 in.)	3
	<b>Gloves</b>	
403791	Size 1	1
403792	Size 2	1
403793	Size 3	1
403794	Size 4	1
403795	Size 5	1



For more information, please call our Customer Relations Center (Registered Nurses on staff) at 1-800-465-6302, Monday through Friday, 8:00 AM to 6:00 PM (EST), or visit our Web Site at [www.convatec.ca](http://www.convatec.ca)

#### References

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