

# BLASTX®

Antimicrobial Biofilm Wound Gel



## WOUND HEALING FACTS

Wound healing rates can vary between people and the type and severity of a wound. Delays in healing are influenced by many factors including the type of wound, patient's age, health status and the presence of biofilm. Chronic wounds in Australia affect more than 420,000 people and cost a patient up to \$4,000 a year.<sup>1</sup>

### Signs of Infection or Biofilm Presence



#### PAIN & HEAT

Wounds that are red, swollen, hot & painful



#### ODOUR

Wounds with a strange or unpleasant smell



#### EXCESS FLUID

Wounds that have a thick, yellowish fluid



#### SLOW HEALING

Wounds taking longer than a month to heal

People most at risk of non-healing wounds are people living with:

- Diabetes
- Vascular Insufficiency
- Immune deficiency
- Immunosuppressant medications
- Elderly

## Did you know?



- Bacteria and bacterial biofilms are present in 85% of wounds, causing delayed healing.<sup>2</sup>
- Biofilms cannot be seen with the naked eye and function as a defensive system, protecting bacteria in a matrix with a 'slime' layer.
- Biofilms contribute to antimicrobial resistance in multiple complex pathways and act as a physical barrier to conventional treatments preventing them from working.<sup>2</sup>

**10%** of bacteria are planktonic/free-floating

**90%** of bacteria exist in biofilms structure

### BlastX® is for the management of wounds including:

- Post surgical wounds
- First and second degree burns
- Diabetic foot and leg injuries
- Full and partial thickness wounds
- Pressure ulcers
- Grafted and donor sites

Even with physical debridement, biofilms can rapidly reform within minutes, resulting in delayed healing.<sup>2</sup> Treating biofilm is a key factor in pushing the wound toward a healing state.

## BENEFITS

BlastX® is a non-toxic Antimicrobial Biofilm wound gel with broad spectrum antimicrobial effect with up to 5 days wear (in vitro) against *S. aureus* and *P. aeruginosa*.<sup>3</sup>

The XBIO® technology delivers **5X** action on bacteria to heal wounds by:<sup>3</sup>

1. **Kills** 99.99% bacteria & fungi.
2. **Deconstructs** bacterial biofilm.
3. **Prevents** reinfection.
4. **Reduces** inflammation.
5. **Promotes** moist wound healing & reduces scar formation.

### INGREDIENTS

BlastX® is a thick, white hydrogel that employs XBIO® technology and contains benzalkonium chloride 0.13%, citric acid, sodium citrate, macrogol 400 and 3350, water.



### DIRECTIONS FOR USE

1. Clean wound with a saline solution or water.
2. Apply BlastX® to the wound up to 3mm thickness.
3. Cover with an appropriate dressing. Do not use alginate dressings.
4. Reapply BlastX® at every dressing change.
5. Continue to use BlastX® until healed.

1mL BlastX® covers a 5cm wound bed



blastx.net.au



# BLASTX<sup>®</sup>

Antimicrobial Biofilm Wound Gel

## How to Purchase:

### ▶ Health Care Practitioner



[www.teammed.com.au/blastx](http://www.teammed.com.au/blastx)

### ▶ Hospital, Aged Care, Community

Product Description		Clifford Hallam (CH2) PDE	SYMBION PDE	
Hospital, aged care community	BlastX 7.5mL - 40 Tube Carton*		2589103	720348
	BlastX 7.5mL - 12 Tube Carton*		2589091	NA

### ▶ Pharmacy

Pharmacy	BlastX 7.5mL - TUBE 1 tube*		258907	679356
	BlastX 30mL - TUBE 1 tube*		2589082	677868

\*price may vary at wholesaler. RRP 7.5mL tube \$27.99

### ▶ BlastX is available for patients in the community



In Pharmacy



Independence Australia

Available in two single tube sizes in 7.5mL & 30mL tube

For further information contact your Oraderm sales representative or email [info@blastX.net.au](mailto:info@blastX.net.au)



ALWAYS READ THE LABEL AND FOLLOW DIRECTIONS FOR USE.

References: 1. Wolcott R. Disrupting the biofilm matrix improves wound healing outcomes. *Journal of Wound Care*. 2015;24(8):366-71. [https://treasury.gov.au/sites/default/files/2022-03/258735\\_wounds\\_australia.pdf](https://treasury.gov.au/sites/default/files/2022-03/258735_wounds_australia.pdf). 2. Schultz G, et al. Consensus guidelines for the identification and treatment of biofilms in chronic nonhealing wounds. *Wound Repair and Regeneration*. 2017;25(5):744-757. 3. Miller KG, et al. Next Science Wound Gel Technology, a Novel Agent That Inhibits Biofilm Development by Gram Positive and Gram Negative Wound Pathogens. *Antimicrobial Agents and Chemotherapy*. 2014;58(6):3060. 4. Bounds K, et al. The influence of a biofilm-dispersing wound gel on the wound healing process. *Int Wound J*. 2022;19(3):553-572. 5. Regulski M, et al. Anti Biofilm Efficacy of Commonly Used Wound Care Products in In Vitro Settings. *Antibiotics*. 2023;12(3):536.

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