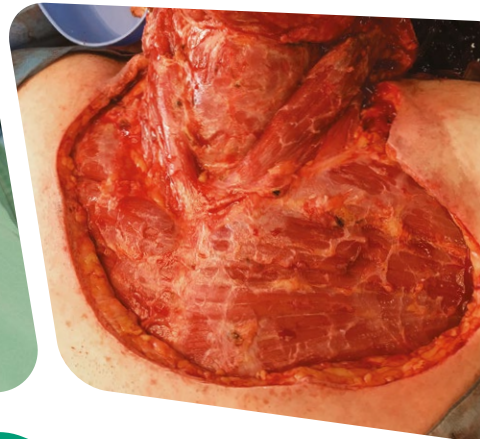


## Rethink complex wounds

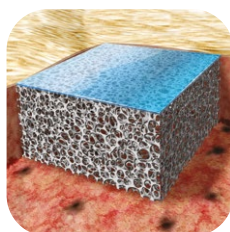


# NovoSorb® BTM is an implantable bilayered synthetic dermal matrix for the reconstruction of complex wounds.

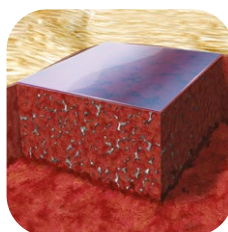
## Bioabsorbable synthetic material

Cellular migration throughout the matrix enables collagen production and neovascularisation of a robust neodermis. When ready, the sealing membrane is removed, leaving a vascularised neodermis, ready for closure. The matrix progressively bioabsorbs over time.<sup>1</sup>

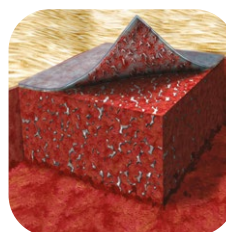
## NovoSorb BTM application



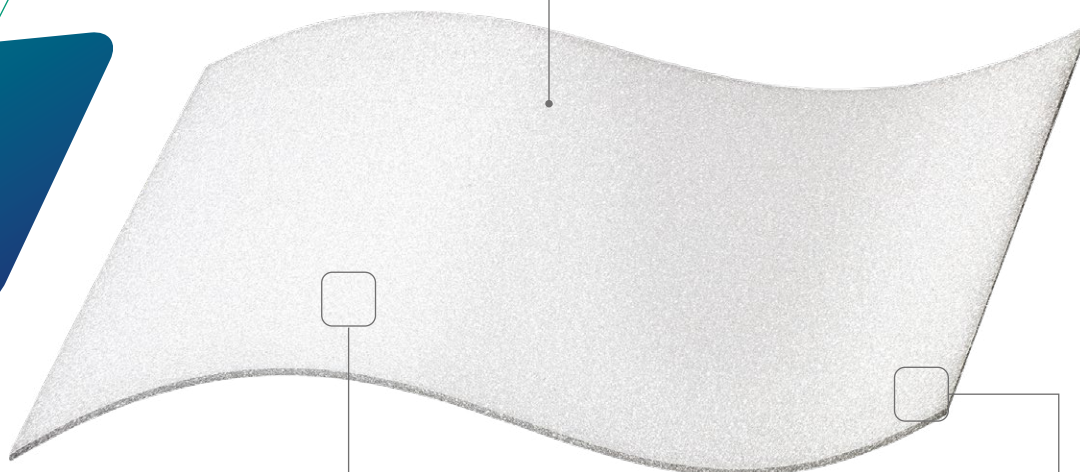
1. Implantation



2. Integration

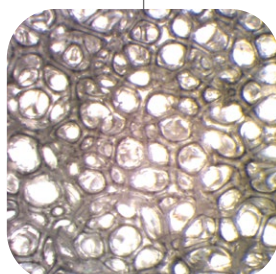


3. Delamination



## Open cell matrix

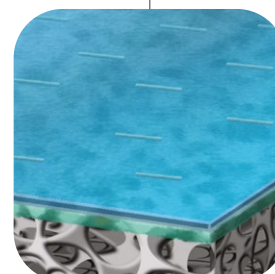
Matrix architecture breaks a macro wound into a series of interconnected micro wounds that the body can readily heal.



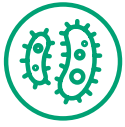
Photomicrograph

## Fenestrated sealing membrane

Physiologically closes the wound during integration, limiting evaporative moisture loss, contraction and risk of infection.<sup>2,3</sup>







### Robust in the presence of infection<sup>2,4</sup>

Does not act as a food source for infections, often allowing retention while the infection is treated.



Pre-operative Week 2 Week 3 Week 4.5 4 months

Diabetic foot ulcer with exposed tendons. An infection in the wound at 2 weeks was able to be treated while NovoSorb BTM was retained in place. Full integration, graft take and wound closure were achieved.



### Designed to minimise contracture over functionally important areas and improve cosmesis (uniformity of texture)<sup>5</sup>

Compared with primary skin grafting.



Post debridement Integrated 3 months

Radical debridement for necrotising fasciitis exposed deep structures of the neck. Reconstruction with NovoSorb BTM and skin graft resulted in a good aesthetic and functional outcome with minimal contracture.



### Generation of a neodermis over exposed tendons and bones<sup>1,4,5</sup>

Can offer alternative treatment for complex wounds.



Pre-operative Integrating 4 months

Traumatic crush injury with exposed tibia and fibula devoid of periosteum. After a failed free flap, NovoSorb BTM provided robust coverage to support definitive closure, allowing the patient to return to work in the military.



### Dermal repair to support limb salvage<sup>6</sup>

By creating a vascularised neodermis for definitive closure



Pre-operative Application 3 months

A traumatic crush injury resulted in full avulsion of dorsal and plantar soft tissue, sparing the heel. To avoid amputation and preserve ambulation, NovoSorb BTM was used to generate a neodermis which provided robust coverage for definitive closure.



#### Sizes available

- **BTM-1010** 10 x 10 cm
- **BTM-1020** 10 x 20 cm
- **BTM-2040** 20 x 40 cm

NovoSorb BTM is indicated for full or deep partial thickness burns and wounds, surgical and reconstructive wounds and traumatic wounds.

#### Intended use:

To temporise dermal injuries, where the dermis has been decimated or lost, and to facilitate dermal repair by providing temporary wound closure and a scaffold for the generation of a neodermis.

Refer to the Instructions For Use (IFU) for full device details including indications, contraindications, warnings and precautions.



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