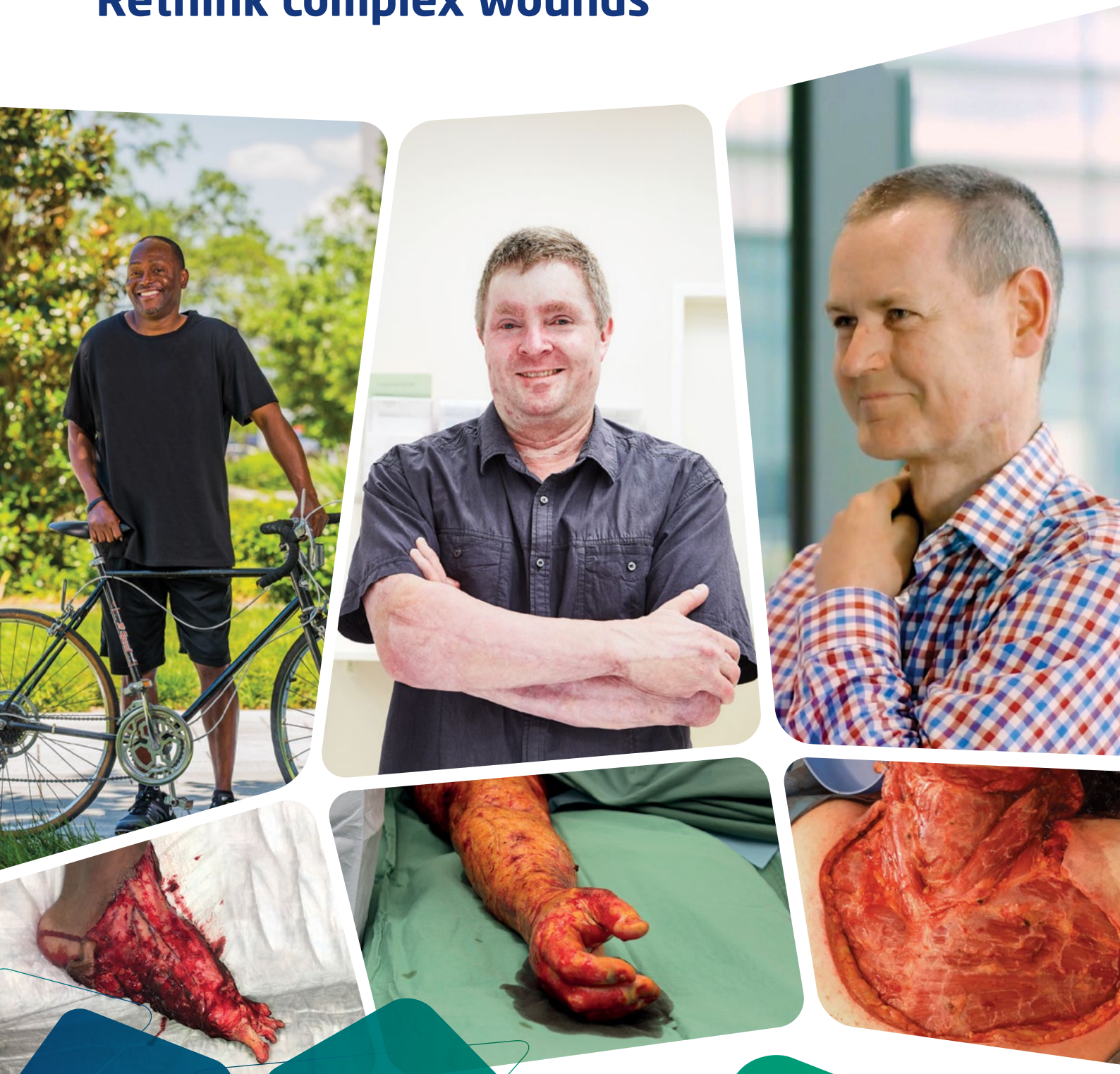
NovoSorb®

BTM

Biodegradable
Temporising Matrix

Rethink complex wounds



PolyNovo®

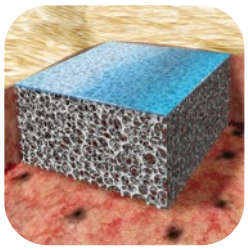
www.polynovo.com

NovoSorb® BTM is an implantable bilayered synthetic dermal matrix designed to facilitate complex wound closure.

Using NovoSorb BTM

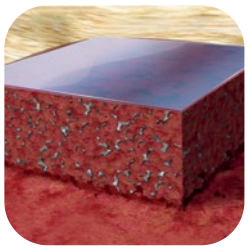
Cellular migration throughout the matrix enables collagen production and neovascularisation of a robust neodermis. When ready, the sealing membrane is removed, leaving a vascularised neodermis, ready for closure. The matrix progressively bioabsorbs over time.[1]

Application



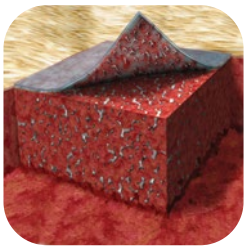
Fully clean and debride the wound and apply NovoSorb BTM and fixate.

Integration



New capillary growth and cellular infiltration occurs throughout the dermal matrix.

Delamination



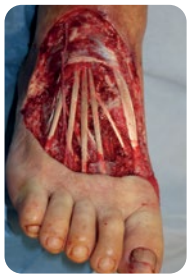
Remove fixation and delaminate sealing membrane.

Definitive closure

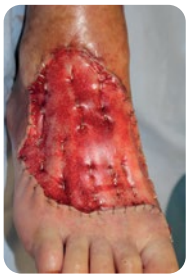
Final closure by clinician's preference including skin graft or secondary intention.

Generation of a neodermis over exposed tendons and bones[1,2,3]

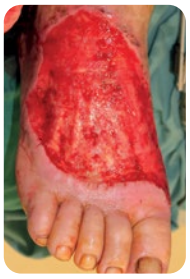
Can offer alternative treatment for complex wounds.



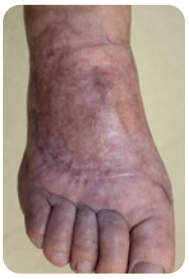
Debrided wound with extensive exposed tendons.



BTM applied with staples including quilting staples.



Sealing membrane removed



9 months after BTM application

Degloved foot with exposed tendons devoid of paratenon, underwent reconstruction with NovoSorb BTM to maintain mobility and function. The reconstruction produced a robust, soft, mobile, and excellent aesthetic result with no underlying tethering of the tendons.

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.

NovoSorb BTM is indicated for full or deep partial thickness burns and wounds, surgical and reconstructive wounds and traumatic wounds. The information contained in this brochure is exclusively aimed at health care professionals. Always read the label and refer to the Instructions For Use (IFU) for full device details including indications, contraindications, warnings and precautions.

PolyNovo®
Healing. Redefined.

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References: 1. Wagstaff MJD, Schmitt BJ, Coghlan P, Finkemeyer JP, Caplash Y, Greenwood JE. A biodegradable polyurethane dermal matrix in reconstruction of free flap donor sites: a pilot study. ePlasty 2015; 15:102–18. **2.** Greenwood JE, Schmitt BJ, Wagstaff MJD. Experience with a synthetic bilayer Biodegradable Temporising Matrix in significant burn injury. Burns Open. 2018;2(1):17-34. **3.** Wagstaff MJD, Salna IM, Caplash Y, Greenwood JE. Biodegradable Temporising Matrix (BTM) for the reconstruction of defects following serial debridement for necrotising fasciitis: A case series. Burns Open. 2019; 3:12–30.

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