

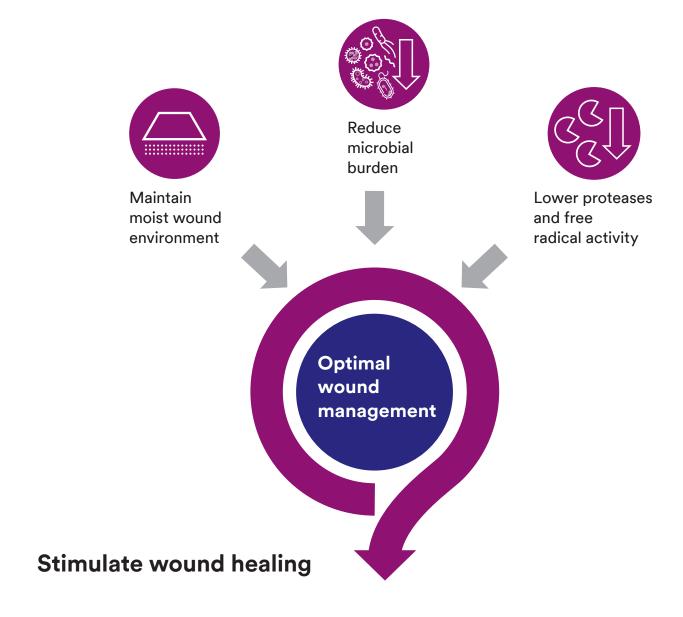
# Clinically proven to improve healing of chronic wounds if used earlier in the treatment regime<sup>1</sup>

3M<sup>™</sup> Promogran<sup>™</sup> Protease Modulating Matrix and 3M<sup>™</sup> Promogran Prisma<sup>™</sup> Wound Balancing Matrix



# Chronic wounds can be stalled in the inflammatory phase that leads to delayed healing<sup>2</sup>

The best way to stimulate wound healing is to:3



# This is where 3M™ Promogran™ Matrix Family steps in

#### Collagen

Collagen is effective at reducing MMP proteases, one of the main causes of inflammation. It also has a positive effect on wound progression.

- Reduces MMPs<sup>4,\*</sup>
- Tissue repair<sup>5,\*</sup>
- Cell growth<sup>6,7,\*</sup>

#### Oxidised Regenerated Cellulose (ORC)

Cellulose is a major component of plants, once oxidised ORC is completely bioresorbable. ORC may aid wound healing by:



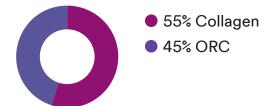
- Reducing protease activity<sup>9,\*</sup>
- Cell growth<sup>9,\*</sup>
- Controlling bacteria growth9,\*
- Haemostatic properties9,\*

# So what are 3M<sup>™</sup> Promogran<sup>™</sup> Protease Modulating Matrix and 3M<sup>™</sup> Promogran Prisma<sup>™</sup> Wound Balancing Matrix?

The right balance of materials — Designed to make a powerful difference:

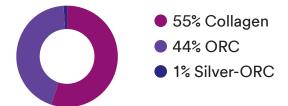


3M<sup>™</sup> Promogran<sup>™</sup> Protease Modulating Matrix = ORC + Collagen



3M™ Promogran Prisma™ Wound Balancing Matrix

= ORC + Collagen + Silver-ORC



### What's the difference?

- Promogran Prisma Matrix has **twice the amount** of Collagen/ORC material.
- Promogran Prisma Matrix **contains silver-ORC**, which provides antimicrobial protection against bacteria and infection.<sup>8,\*</sup>

# So why wait for a wound to become chronic?



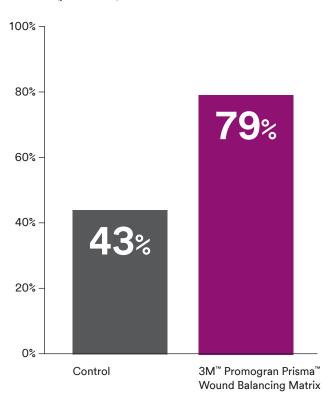
As wounds get older, the chances of the wound healing or improving decreases.<sup>1</sup>

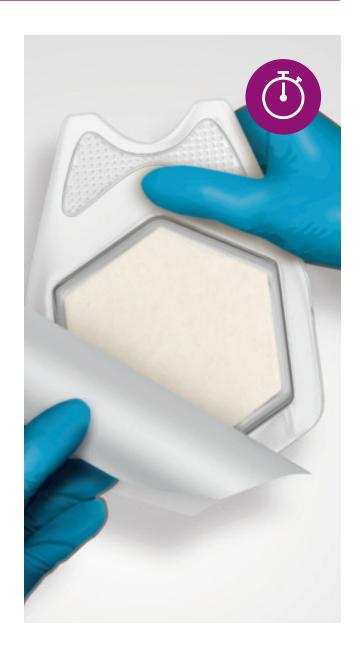


Wounds less than 6 months old heal/improve quicker with 3M™ Promogran Prisma™ Wound Balancing Matrix.¹

# Early adoption of 3M™ Promogran Prisma™ Wound Balancing Matrix shown to improve healing rates¹

Wound healed/improved<sup>10</sup> Week 4 (p = 0.035)

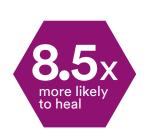




#### A 6-week RCT involving DFU patients (n = 40) showed:<sup>11</sup>

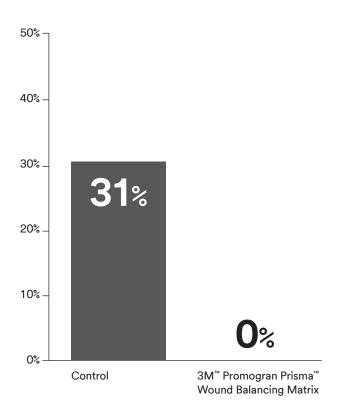
 Significantly more wounds achieved complete healing in the Promogran Matrix Group vs Control Group (63% vs 15%, P < 0.03, or 8.5)</li>

Based on the conditions and outcomes of this study the Promogran Matrix group was statistically 8.5x more likely to heal<sup>11,§</sup>



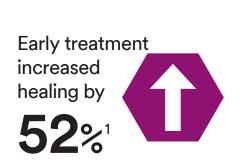
## **Protect from infection**

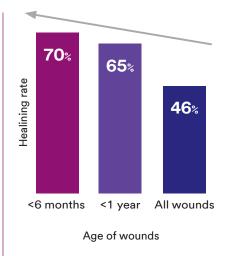
Wounds withdrawn due to infection<sup>10</sup> Week 12 (p = 0.012)





# Increased healing with early treatment<sup>1</sup>



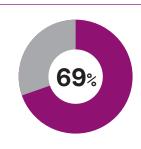


A prospective randomised multi-center study involving VLU patients (n = 64) showed:<sup>1</sup>

87% VLUs < 6 months duration healed or improved in 12 weeks.

### Spend less time in hospital<sup>12</sup>

A 6-week RCT (n=40) involving pressure ulcer injuries discovered that patients who used 3M™ Promogran™ Protease Modulating Matrix spent 69% less time in hospital.



# Clinically proven for over 18 years!

**8.5**x

More likely to heal DFUs<sup>11</sup>

**52**%

Increase in healing rate with early treatment of VLUs<sup>1</sup>

90%

Pressure injuries completely healed<sup>12</sup>

69%

Reduction in hospital stays<sup>12</sup>

# Where can 3M<sup>™</sup> Promogran<sup>™</sup> Protease Modulating Matrix and 3M<sup>™</sup> Promogran Prisma<sup>™</sup> Wound Balancing Matrix be used?

Promogran Prisma Matrix is indicated for the management of all wounds healing by secondary intent which are clear of necrotic tissue.

Promogran Matrix and Promogran Prisma Matrix has known haemostatic properties and be used under compression therapy.

Under the supervision of a health care professional, these dressings may be used for the management of the following wound types.



Diabetic ulcers



Venous ulcers



Pressure injuries



Ulcers caused by mixed vascular etiologies



Can be used under compression therapy with healthcare professional supervision.



No need to remove any residual dressing during dressing changes.



Can be cut with sterile scissors to fit the wound shape, or it can be premoistened to form a gel and moulded to fit the wound.

## Ordering information

3M <sup>™</sup> Promogran <sup>™</sup> Protease Modulating Matrix		
Product code	Size	Dressings per carton
M772028	28 cm <sup>2</sup>	10
M772123	123 cm <sup>2</sup>	10

3M <sup>™</sup> Promogran Prisma <sup>™</sup> Wound Balancing Matrix		
Product code	Size	Dressings per carton
PS2028	28 cm <sup>2</sup>	10
PS2123	123 cm <sup>2</sup>	10



To learn more about how 3M™ Promogran™ Protease Modulating Matrix and 3M™ Promogran Prisma™ Wound Balancing Matrix can help manage your patients contact your local representative.

\*in vitro testing §compared with the control group treated with standard of care.

- 1. Cullen B, Gibson M, Nisbet L. Early adoption of collagen/ORC therapies improves clinical outcomes. Poster presented at: World Union of Wound Healing Societies (WUWHS); 2012; Japan.
- $2. \ \ \mathsf{Fletcher} \ \mathsf{J}, \mathsf{Chadwick} \ \mathsf{P} \ \mathsf{2019} \ \mathsf{Identifying} \ \mathsf{and} \ \mathsf{managing} \ \mathsf{inflammation} \ \mathsf{Wounds} \ \mathsf{UK} \ \mathsf{Made} \ \mathsf{Easy}. \ \mathsf{London}.$
- 3. Gibson D, Cullen B, Legerstee R, Harding KG, Schultz G. MMPs Made Easy. Wounds International 2009; Feb 1
- Schultz GS, Ladwig G, Wysocki A. Extracellular matrix: a review of its roles in acute and chronic wounds. World Wide Wounds 2005; Accessed August 19, 2020. http://www.worldwidewounds.com/2005/august/ Schultz/Extrace-Matric-Acute-Chronic-Wounds.html
- 5. Pachence JM. Collagen-based devices for soft tissue repair. J Biomed Mater Res 1996; 33(1): 3-40.
- 6. Postlewaithe AE, Seyer JM, Kang AH. Chemotactic attraction of human fibroblasts to type I, II and III collagens and collagen-derived peptides. Proc Nat Acad Sci USA 1978: 75(2): 87-5.
- 7. Mian M, Beghe F, Mian E. Collagen as a pharmacological approach in wound healing. Int J Tissue React 1992; 14(Suppl): 1-9.
- 8. Cullen B, Boyle C, Rennison T, Webb Y, Gregory S. ORC/Collagen Matrix Containing Silver Controls Bacterial Bioburden while Retaining Dermal Cell Viability. Poster Presented at WUWHS July 9, 2004: Paris France.
- 9. Cullen B Underlying biochemistry in non-healing wounds perpetuates chronicity. Wounds International. 2016; 7(4): 18-24.
- 10. Gottrup F, Cullen B, Karlsmark T, Bischoff-Mikkelsen M, Nisbet L, Gibson M. Randomized controlled trial on collagen/oxidized regenerated cellulose/silver treatment. Wound Repair Regen. 2013;21(2):216-225.
- 11. Lazaro-Martinez JL, Garcia-Morales E, Beneit-Montesinos JV, Martinez-de-Jesus F, Aragon-Sanchez FJ. Randomized comparative trial of a collagen/oxidized regenerated cellulose dressing in the treatment of neuropathic diabetic foot ulcers. Cir Esp. 2007;82(1):27-31.
- 12. Nisi G, Brandi C, Grimaldi L, Calabro M, D'Aniello C. Use of a protease-modulating matrix in the treatment of pressure sores. Chir Ital. 2005;57(4):465-8.

Note: Specific indications, contraindications, warnings, precautions and safety information exist for these products and therapies. Please consult a clinician and product instructions for use prior to application. This material is intended for healthcare professionals.



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