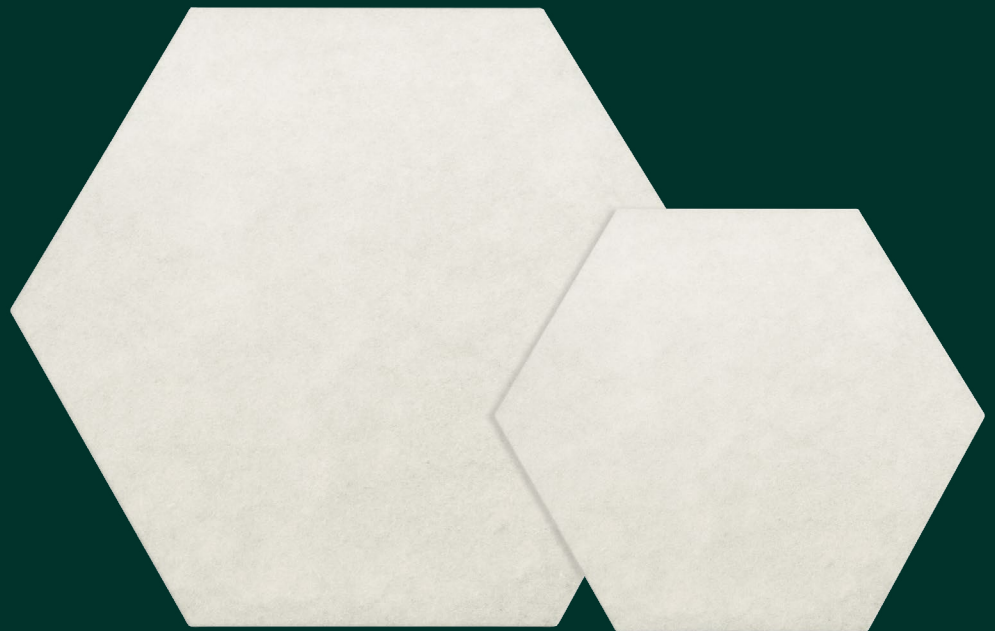


Product comparison series

Shown to significantly increase wound closure rates^{1,2*}

Comparative effectiveness of 3M™ Promogran Prisma™
Collagen Matrix with ORC and Silver vs **Puracol® Ag
Microscaffold™ Collagen Wound Dressing Silver**



* In conjunction with good clinical practice.

3M™ Promogran Prisma™ Collagen Matrix with ORC and Silver

Promogran Prisma Matrix is the only collagen dressing to contain oxidized regenerated cellulose (ORC) and silver, and provides an effective antimicrobial barrier against common wound pathogens *in vitro* due to the antimicrobial properties of silver.³

While collagen alone is particularly effective against matrix metalloproteinases (MMPs), it has a limited effect on elastase activity. *In vitro* studies have demonstrated the combination of oxidized regenerated cellulose (ORC) and collagen materials had a greater effect in reducing both MMP and elastase activity than collagen alone.⁴ This is important because both MMP and elastase activity are highly predictive of non-healing wounds as shown below.⁵

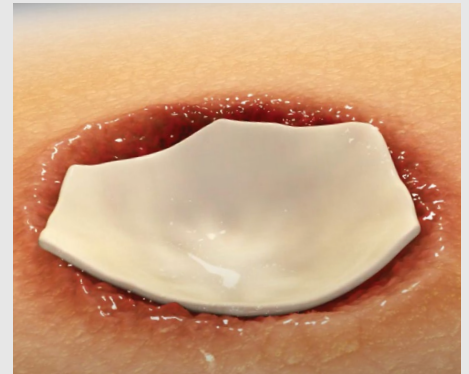
Why is elastase important?

While MMPs are the most commonly discussed proteases related to wound healing, elastase is one of the most abundant proteases present in chronic wounds, the first of the proteases to arrive post-injury, and is responsible for damage to:⁶⁻⁸

- Fibronectin–Vital for cell adhesion and migration; must be present to signal growth factors to appear
- Elastin–Gives tissue elasticity
- Growth factors–PDGF, EGF



3M™ Promogran Prisma™ Collagen Matrix with ORC and Silver



How the dressings work

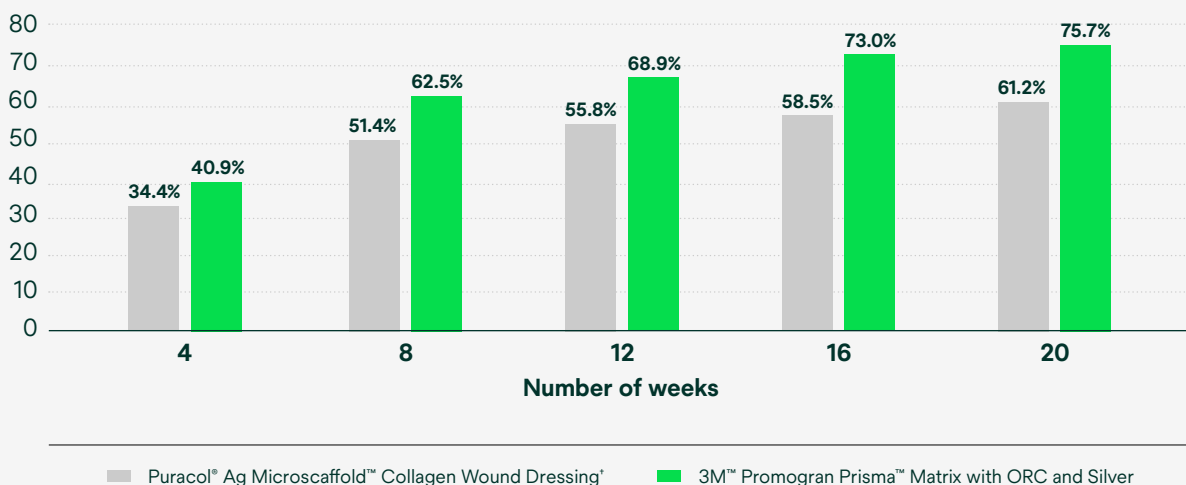
In the presence of exudate, Promogran Prisma Matrix and 3M™ Promogran™ Collagen Matrix with ORC transform into a soft, conformable, biodegradable gel, allowing contact with all areas of the wound. The dressings help create a moist wound bed and an environment that supports wound healing. During dressing changes, it is not necessary to remove any residual dressing.

Comparative effectiveness between 3M™ Promogran Prisma™ Collagen Matrix with ORC and Silver and Puracol® Ag Microscaffold™ Collagen Wound Dressing[†]

A comparative effectiveness study of 664 surgical and traumatic wounds (332 in each product group) were identified in the US Wound Registry (USWR) as having complete data records using the two dressings, with no significant differences in patient demographics, patient comorbidities, or baseline wound characteristics.⁹

- A significantly higher percentage of the Promogran Prisma Matrix wounds reached 75–100% granulation with zero depth at 83.5% (247/296) compared to 67% (197/294) of the Puracol® Ag Microscaffold™ Collagen Wound Dressing wounds.^{9†} ($p < 0.0001$)
- Promogran Prisma Matrix showed a greater percentage of wounds reaching 75–100% granulation with zero depth faster over 4, 8, 12, 16 and 20 weeks.⁹

Percent reaching 75%–100% granulation⁹



Promogran Prisma Matrix: lasts longer⁹

For the application rate or days between collagen applications, Promogran Prisma Matrix was reapplied on average every 3.5 days and Puracol® Ag Microscaffold™ Collagen Wound Dressing was changed on average every **2.3** days.⁹ ($p = 0.0012$)

During the time between the first and last application of collagen (in days), 10 Promogran Prisma Matrix Dressings lasted for a median of 12.8 days compared to a median of 8.9 days for 3 Puracol® Ag Microscaffold™ Collagen Wound Dressing^{9†} ($p = 0.0210$)

Results

Out of 332 patients in each group

There was a significant difference between 3M™ Promogran Prisma™ Collagen Matrix with ORC and Silver and Puracol® Ag Microscaffold™ Collagen Wound Dressing.*

187 wounds healed

56.3%

3M™ Promogran Prisma™ Matrix with ORC and Silver
($p < 0.0001$)⁹



132 wounds healed

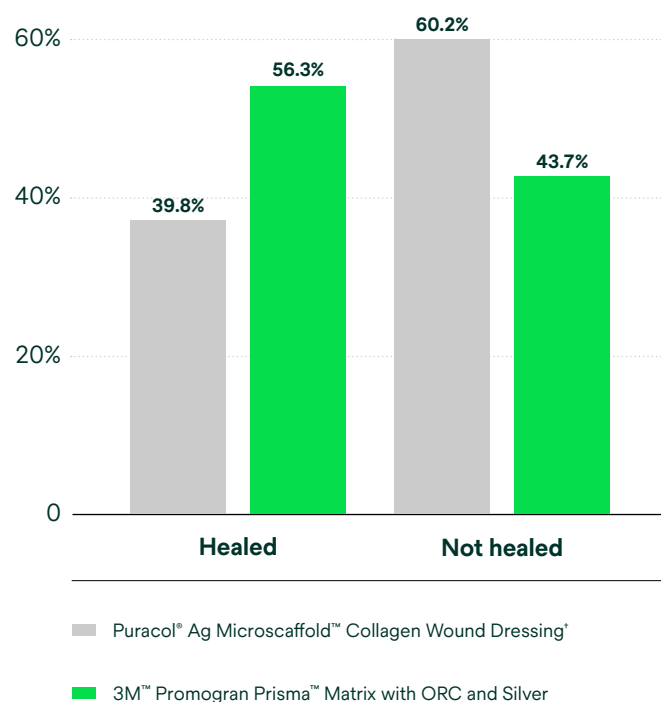
39.8%

Puracol® Ag Microscaffold™ Collagen Wound Dressing*

Unlike any other collagen dressing

3M™ Promogran™ Matrix Family of collagen dressings are uniquely formulated with Oxidized Regenerated Cellulose (ORC) and demonstrated effective through multiple clinical studies including Randomized Controlled Trials (RCTs) that were systematically reviewed in meta-analysis.^{8,9}

Wounds healed or not healed comparison⁹



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Follow local institutional protocols for infection control and waste disposal procedures. Local protocols should be based on the applicable federal, state and/or local government environmental regulations.

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. Rx only.

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