

3M Science.
Applied to Life.™

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 with Silver†

Promogran
Prisma Matrix
**labeled
for use**
with
3M™ ActiV.A.C.™
Therapy

* 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

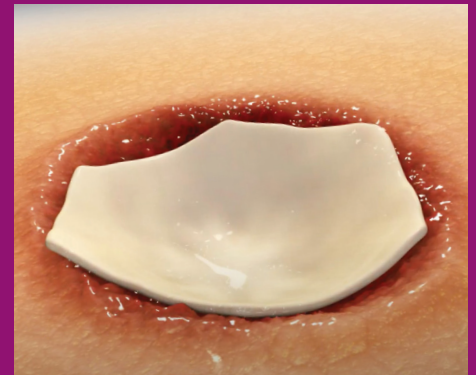


3M™ Promogran Prisma™ Collagen Matrix with ORC and Silver

55% Collagen

44% ORC

1% Silver-ORC



How the dressings work.

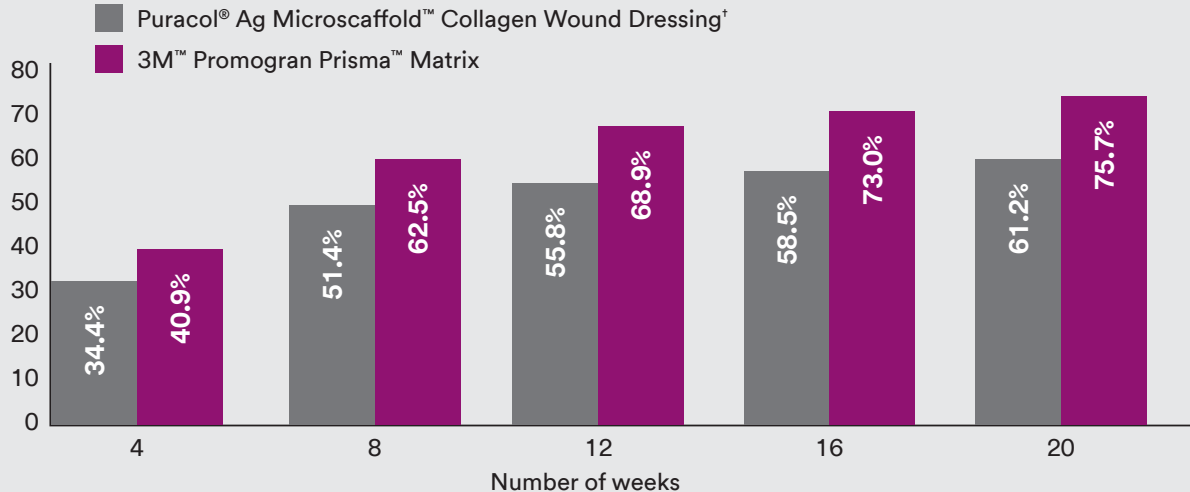
In the presence of exudate, Promogran Prisma Matrix and 3M™ Promogran™ Collagen Matrix with ORC transform into a soft, conformable, biodegradable gel, allowing contact with all areas of the wound. The dressings help create a moist wound bed and an environment that supports wound healing. During dressing 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



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

vs

132 wounds healed

39.8%

Puracol® Ag Microscaffold™
Collagen Wound Dressing†

Puracol® Ag Microscaffold™ Collagen Wound Dressing† wounds had a higher percentage of patients with wounds worsening during treatment.

35 wounds worsened

10.5%

Puracol® Ag Microscaffold™
Collagen Wound Dressing†
($p = 0.0004$)⁹

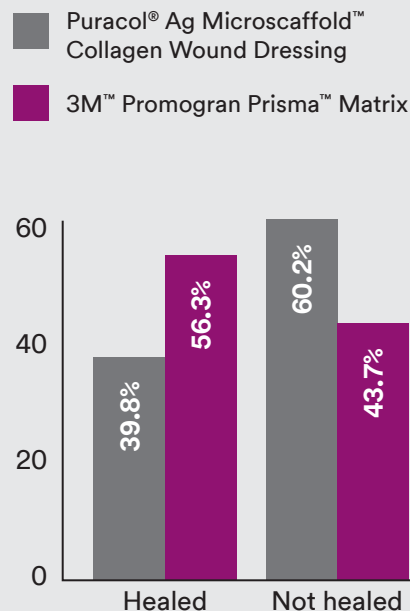
vs

26 wounds worsened

7.8%

3M™ Promogran
Prisma™ Matrix

Healed or not healed comparison⁹



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}

References:

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9. Griffin L. Comparative effectiveness study to compare 3M™ Promogran Prisma™ and Puracol® Ag Microscaffold™ Collagen Wound Dressing. HEOR-2018-003.DAR. November 2018.



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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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