

3M™ Promogran Prisma™ Collagen Matrix with ORC and Silver and Solventum™ V.A.C.® Therapy: Consensus Recommendations

Klein R, Desvigne MN, Greenstein E, et al. Use of Silver Collagen Oxidized Regenerated Cellulose Dressings in Conjunction With Negative Pressure Wound Therapy: Expert Panel Consensus Recommendations. Wounds. 2024; 36 (8): 263-273

Clinicians are increasingly combining Promogran Prisma Matrix with negative pressure wound therapy (NPWT) to support granulation, address bioburden and aid complex or slow-to-heal wounds.

Consensus recommendations, based on therapy use statements, identify clinical care settings and appropriate conditions for the conjunctive use of fenestrated Promogran Prisma Matrix along with the Solventum™ ActiV.A.C.™ Therapy Unit using reticulated open cell foam dressings (Solventum™ V.A.C.® Granufoam or Solventum™ V.A.C.® Simplace Dressings).

Conjunctive use of Promogran Prisma Matrix + V.A.C.® Therapy may be appropriate for:

Multiple care settings:

- Outpatient clinics
- Healthcare professional (HCP) offices
- Home healthcare
- Acute care
- Skilled nursing facilities



Broad wound types:

- Traumatic wounds
- Surgical wounds (including dehisced wounds, wounds healing by secondary-intention or wounds being prepared for surgical closure)
- Diabetic ulcers
- Venous leg ulcers
- Pressure injuries/ulcers



Challenging wound presentations:

- Contaminated or infected wounds
- Inflamed wounds
- Stalled/hard-to-heal wounds
- Wounds slow to granulate with NPWT alone
- Adequately cleansed and debrided wounds



Note: This is not intended to be a substitute for appropriate treatment of infection.

Conclusion:

An expert panel and broader clinician group reached strong consensus (≥80% agreement) that fenestrated Promogran Prisma Matrix and V.A.C.® Therapy can be safely and effectively incorporated across numerous wound types and care settings. When appropriately selected, this combined approach may support improved granulation tissue development and wound healing progression for clinicians working with complex wound healing scenarios.

Consensus Panel recommended that conjunctive therapy of Promogran Prisma Matrix and ActiV.A.C. Therapy should be considered at the earliest opportunity.

Methods:

A panel of seven wound care experts drafted preliminary use statements regarding conjunctive therapy with fenestrated Promogran Prisma Matrix + V.A.C.® Therapy.

A modified Delphi process was used to evaluate agreement:

- Three rounds of anonymous feedback
- 32 total clinicians participated:
 - 7 original targeted panelists
 - 25 HCPs completed anonymous survey on the consensus statements
- Consensus threshold: ≥80% agreement



Results: Consensus recommendations

Conjunctive therapy may be considered for wounds that are:

- Adequately cleansed and debrided
- Contaminated or infected
- Inflamed
- Stalled, hard-to-heal
- Slow to granulate with traditional NPWT alone

Application guidance includes:

- Consider conjunctive therapy at the earliest opportunity
- Use continuous -125 mmHg (or higher, when clinically appropriate)
- Reapply every 48–72 hours or more frequently as needed
- Discontinue when treatment goals are reached or if deterioration occurs

Appropriate clinical settings

- Outpatient care
- HCP offices
- Home healthcare
- Acute care facilities
- Skilled nursing facilities

Wound types well-suited for conjunctive therapy

- Traumatic wounds
- Surgical wounds (dehiscence or wounds healing by secondary-intention)
- Diabetic ulcers
- Venous leg ulcers
- Pressure injuries/ulcers

Following the Indications for Use, the therapy combination was not recommended for:

- Surgically closed incisions
- Third-degree burns
- Wounds with exposed/unprotected vessels or organs; acute ischemia; inadequate hemostasis; untreated osteomyelitis or malignancy
- Unexplored fistulas
- Patients with hypersensitivity to the product components

Note: Specific Indications, contraindications, warnings, precautions and safety information exist for these products and therapies. Please consult product instructions for use prior to application. Rx only.



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To learn more about how 3M™ Promogran™ Matrix Family can help benefit your patients, call 1-800-228-3957 or visit Solventum.com



Review
full study
details

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