

PRODUCT

ProgenaMatrix®

Our flagship product, ProgenaMatrix, is the first and only human keratin matrix for wound care. This unique product is indicated for a wide range of wound types.

About

ProgenaMatrix is a novel, advanced wound care product constructed from human keratin and is the only human keratin matrix commercially available.

The all-natural, robust human keratin protein that constitutes this specialized biomaterial offers a completely unique solution to wound care clinicians. The human keratin technology in ProgenaMatrix is hydrated, non-cellular (not tissue-based), resistant to degradation, and supports the body's own healing process. The bio-inspired design makes ProgenaMatrix the next generation of advanced wound therapy in the skin substitute category.

progenamatrix®

- 🌿 Made from all-natural components; no synthetic ingredients.
- 🏠 Monolithic biomaterial made of protein and water.
- 📅 Shelf life of 2 years, 10 months.
- 🌡️ Easy storage at room temperature; no fridge or freezer requirements.
- 🌟 Keratin is the predominant protein with several keratin subtypes.
- 🚫 Does not degrade in the wound environment.
- 🧬 Non-cellular and not tissue based.
- 👤 Compatible with secondary dressings.
- 🕎 Kosher certified.
- 🌍 No cultural or religious barriers, unlike porcine or human-tissue based products.
- 🧴 Packaged in a sterile moisture-proof, peel-open pouch containing water and propylene glycol. No need to rinse in sterile water or saline before use.

Why keratin?

Keratin is a key component of human skin and provides a degradation-resistant barrier protecting the wound bed. In vitro and in vivo studies have shown that keratin activates both keratinocytes and fibroblasts, and helps modulate the immune response to injury.

Explore ProgenaMatrix and keratin-related resources below.