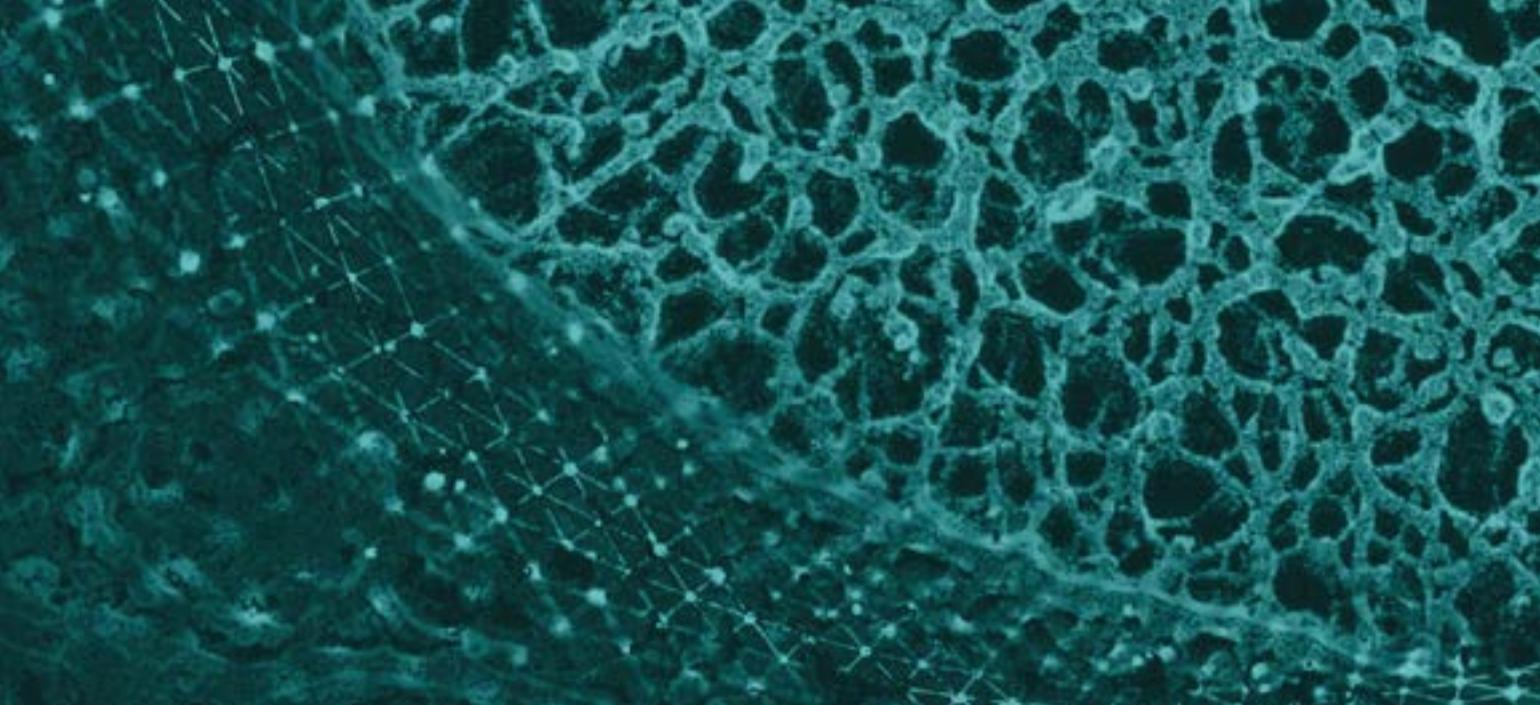


InnovaMatrix™ AC

Placental Extracellular Matrix



InnovaMatrix™ Advanced Care (AC)
is the first-ever placental-derived medical device
cleared by the FDA for wound management.



The introduction of **InnovaMatrix™ AC** by Triad Life Sciences®

is a significant and innovative advancement in biologic dressings for acute, traumatic, and chronic wound care. Manufactured with Triad's proprietary TriCleanse™ Placental Extracellular Matrix (ECM) Process, InnovaMatrix AC is a next generation amnion/chorion device that preserves the inherent benefits of the placenta while adding the reliability, reproducibility, and safety profile of a medical device.

After an extensive review of Triad's stringent testing, product characterization, proprietary processing technology, and quality control, the FDA cleared InnovaMatrix AC as the **first-ever placental-derived medical device**.



This image depicts the stark contrast between the amount of material, research, and testing required by the FDA for a 510(k) submission (InnovaMatrix AC) versus a simple, three-page HCT/P registration.



InnovaMatrix AC
510(k) Submission

HCT/P Registration

InnovaMatrix AC *Placental ECM:*

- No preparation required
- No specific orientation for placement
- Easily conforms to wound anatomy

References

1. Fairbairn, N. G., Randolph, M. A., & Redmond, R. W. (2014). The clinical applications of human amnion in plastic surgery. *Journal of Plastic, Reconstructive & Aesthetic Surgery*, 67(5), 662-675.
2. Gilpin, A., & Yang, Y. (2017). Decellularization Strategies for Regenerative Medicine: From Processing Techniques to Applications. *Biomed Res Int*, 2017, 9831534. doi:10.1155/2017/9831534



A Critical *Balance*

Effective decellularization removes cells and cellular debris while maintaining the structural proteins of the ECM.

The Importance of **Decellularization**

The presence of cells and cellular debris in an ECM can cause an inflammatory response by the host wound site to remove such debris through a type 1 macrophage response of phagocytosis. Effective decellularization of the ECM provides a cleaner scaffold in which the host wound site can respond immediately via collagen deposition upon placement.²

Indications for Use:

- Partial- and full-thickness wounds
- Pressure ulcers
- Venous ulcers
- Diabetic ulcers
- Chronic vascular ulcers
- Tunneled/ undermined wounds
- Surgical wounds
(donor sites/grafts, post-Mohs surgery, post-laser surgery, podiatric, wound dehiscence)
- Trauma wounds
(abrasions, lacerations, second-degree burns, and skin tears)
- Draining wounds

Material for *Advanced Care*

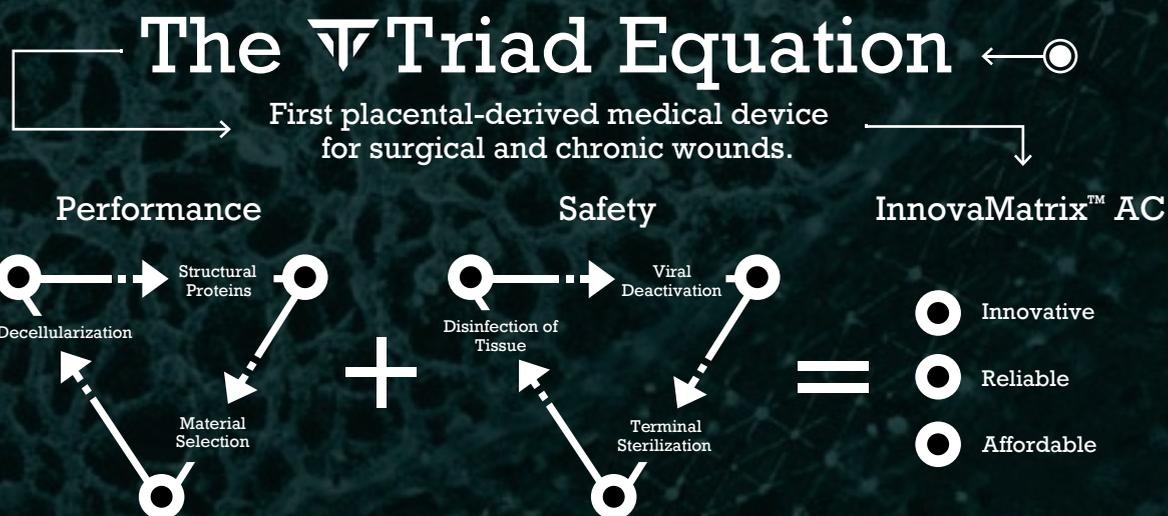
While the benefits of placental-derived allografts are well documented¹, human-derived grafts can be extremely variable due to the unique medical histories and social behaviors of each donor. Knowing this obstacle, Triad selected a source that is controlled for age, diet, health, and activity level, thereby greatly reducing the variability of the raw material used to manufacture InnovaMatrix AC. Along with this consistent and highly-controlled source material, InnovaMatrix AC is manufactured under the strict guidelines of Triad's medical device quality system to ensure our customers are provided with reliable and reproducible ECM products.

TriCleanse *Placental ECM* *Process*

InnovaMatrix AC is manufactured using the breakthrough proprietary TriCleanse Process. While balancing the need to maintain the native properties of the placental tissues, the TriCleanse Process achieves the following:

- Deactivation of Viruses
- Disinfection of Tissue
- Decellularization of ECM

Triad Life Sciences® is a biotech company dedicated to increasing patient access to innovative, reliable and affordable technologies that address acute, traumatic, and chronic wounds, surgical applications, soft tissue injuries, and other regenerative applications.



How to Order:

To order, please contact your local rep or call 901.333.6000.



Versatile Sizing:

15mm Disc
IMX-15MM-01

2cm x 2cm
IMX-0202-01

4cm x 4cm
IMX-0404-01

4cm x 6cm
IMX-0406-01

5cm x 5cm
IMX-0505-01



Engineered by Nature, Powered by Science®

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