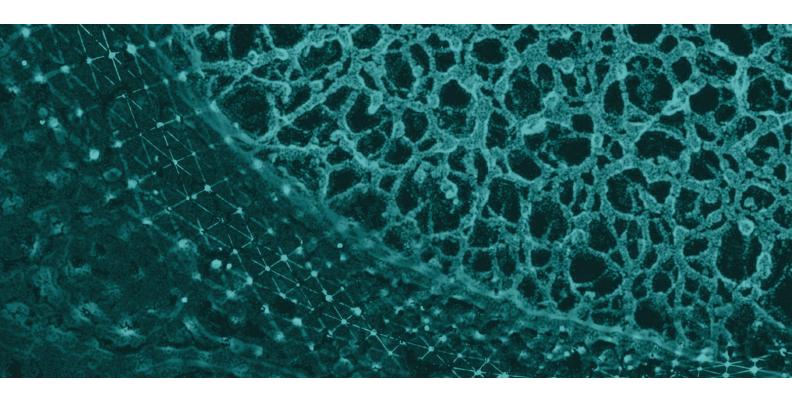
### InnovaMatrix® AC

Placental Extracellular Matrix



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



### InnovaMatrix® AC

is an innovative advancement in Extracellular Matrix (ECM) for acute, traumatic, and chronic wound management. Manufactured with Convatec's proprietary TriCleanse™ Placental Extracellular Matrix (ECM) Process, InnovaMatrix® AC is a next generation amnion/chorion device that preserves the inherent benefits of the placenta¹² while adding the reliability, reproducibility, and safety profile of a regulated medical device³.⁴.

After an extensive review of Convatec's stringent testing, product characterization, and proprietary processing technology, the FDA cleared InnovaMatrix® AC as the first-ever placental-derived medical device for wound management.

InnovaMatrix® AC
was cleared by the
FDA through the 510(k)
medical device pathway.
FDA-cleared devices
undergo rigorous review.

# InnovaMatrix® AC Placental ECM

- No product preparation required
- No specific orientation for placement
- Ambient temperature storage





### A Critical Balance

Effective decellularization removes cells and cellular debris while maintaining the structural proteins of the ECM<sup>5</sup>.

### 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.<sup>6,7</sup>

#### **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, and skin tears)
- Partial-thickness second degree burns
- Draining wounds

# **Material for** *Advanced Care*

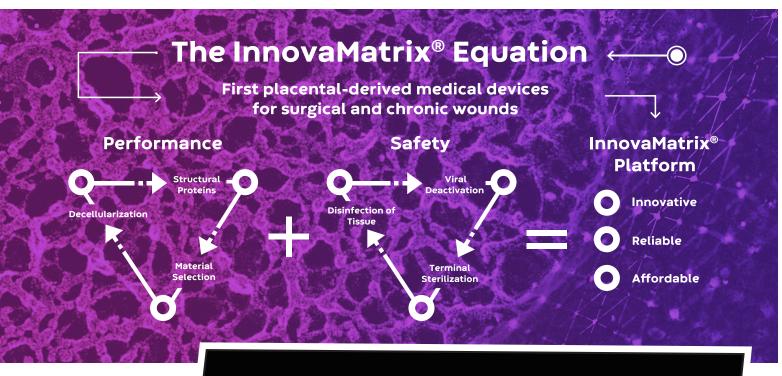
While the benefits of placental-derived allografts<sup>1,2</sup> are well documented, humanderived grafts can be extremely variable due to the unique medical histories and social behaviors of each donor<sup>8-15</sup>. Knowing this obstacle, a source was selected that is controlled for age, diet, health, and activity level, thereby greatly reducing the variability of the raw material used to manufacture InnovaMatrix® AC. Along with this consistent source material, InnovaMatrix® AC is manufactured under strict guidelines 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:

- Viral inactivation<sup>16</sup>
- Terminal sterilization17
- Decellularization of ECM4

1. Shaifur Ra, M., Islam, R., Asaduzzama, S.M., & Shahedur R, M. (2015). Properties and Therapetical 2015.112 2. Fairbairn, N. G., Randolph, M. A., & Redmond, R. W. (2014). The clinical application of 62-675. 3. ktp3552-510(k). Summary 4. Data on File - RDR-002 5. Gilpin A, Yang Y. Decillular Res Int. 2017;2017-9831534. doi: 10.1155/2017/9831534. Epub 2017. Apr 30. PMID: 28540307. PMICID: ineffective decellularization of biologic scaffolds on the host response. Biomaterials, 33(6). 1771- 1 C. L. & Badylak, S. F. (2014). The promotion of a constructive macrophage phenotype 5. C. L. & Badylak, S. F. (2014). The promotion of a constructive macrophage phenotype 5. C. C. & Badylak, J. Community Hosp Intern Me 8. Keelan, J. A. (2002). Metabolizing enzyme localization and activities in the first trimester human placentic 2572. doi:10.1016/j.placenta.2012.09.008. 11. Houskonen, P., Amezaga, M. R., Bellingham, M., Jones smoking Reprod Toxicol. 63, 22-31. doi:10.1016/j.reprotox.2016.05.009.12. McRobie D. J., Glover, D. D., & Tracy. Smoking Reprod Toxicol. 63, 22-31. doi:10.1016/j.reprotox.2016.05.009.12. McRobie D. J., Glover, D. D., & Tracy. Smoking Reprod Toxicol. 63, 22-31. doi:10.1016/j.reprotox.2016.05.009.12. McRobie D. J., Glover, D. D., & Tracy. Smoking Reprod Toxicol. 63, 22-31. doi:10.1016/j.reprotox.2016.05.009.12. McRobie D. J., Glover, D. D., & Tracy. Smoking Reprod Toxicol. 63, 22-31. doi:10.1016/j.reprotox.2016.05.009.12. McRobie D. J., Glover, D. D., & Tracy. Smoking Reprod Toxicol. 63, 22-31. doi:10.1016/j.reprotox.2016.05.009.12. McRobie D. J., Glover, D. D., & Tracy. Smoking Reprod Toxicol. 63, 22-31. doi:10.1016/j.reprotox.2016.05.009.12. McRobie D. J., Glover, D. D., & Tracy. Smoking Reprod Toxicol. 63, 22-31. doi:10.1016/j.reprotox.2016.05.009.12. McRobie D. J., Glover, D. D., & Tracy. D. Smoking Reprod Toxicol. 64, 32-31. doi:10.1016/j.reprotox.2016.05.009.12. McRobie D. J., Glover, D. D., & Tracy. D. Smoking Reprod Toxicol. 65, 22-31. doi:10.1016/j.reprotox.2016.05.009.12. McRobie D. J., Glover, D



#### **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





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