EpiFix®

An Amnion/Chorion Membrane Allograft for Homologous Use in Acute and Chronic Wound Care

- Enhances Healing
- Modulates Inflammation
- Reduces Scar Tissue Formation
- Provides a Barrier

APPROVED
AMERICAN PODIATRIC MEDICAL ASSOCIATION

The EpiFix® dehydrated Human Amnion/Chorion Membrane (dHACM) Allograft is a minimally manipulated natural membrane that provides a scaffold for cellular ingrowth, modulates inflammation, and reduces scar tissue formation for enhanced healing.

purion®

EpiFix is processed using the PURION® process, a unique approach that provides an easy to use allograft stored at ambient conditions.

MiMedx

EP408.002

EpiFix®

EpiFix is composed of human amnion and chorion membranes that line the amniotic cavity. EpiFix has multiple layers including a single layer of epithelial cells, a basement membrane and an avascular connective tissue matrix.

Growth factors present in EpiFix:

285 regulatory proteins including growth factors, specialized cytokines, and enzyme inhibitors have been identified in EpiFix.[1-3] The following are some of the growth factors that help enhance healing:

- **Epidermal Growth Factor (EGF)** - Promotes proliferation of epithelial cells
- **Transforming Growth Factor β(TGF-β)** - Anti-inflammatory, and promotes normal wound healing and reduced scar formation
- **Fibroblast Growth Factor (FGF)** - Promotes cellular proliferation & important for collagen matrix formation
- **Platelet Derived Growth Factor A & B (PDGF A & B)** - Promotes cell proliferation in connective tissue and enhances soft tissue healing

How to apply EpiFix:

- **Cut to fit**
- **Apply to the wound**
- **Cover to maintain a moist wound environment**

Extracellular Components:

The Extracellular Matrix of amniotic membrane is composed of 3 major classes of biomolecules:

- **Structural proteins:** collagen types I, III, IV, V and VII, and elastin
- **Specialized proteins:** fibronectin, TIMPs†, and laminins
- **Proteoglycans:** formed when GAGs are linked to core proteins

†Tissue Inhibitors of Metalloproteinases

Product Offering:

- **Multiple sizes available to reduce graft wastage**
- **Available in a variety of configurations**

Shelf Life: 5 years at ambient conditions

Ordering Information:

Customer Service: 866.477.4219
Email: customerservice@mimedx.com

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1. MiMedx Research Report: MM-RD-00072, Proteome Characterization of MiMedx Placental Tissue Products. **2.** Koob TJ, Lim JJ, Massee M, Zabek N, Denozière G. Properties of dehydrated human amnion/chorion composite grafts: implications for wound repair and soft tissue regeneration. J Biomed Mater Res B Appl Biomater. 2014 Aug;102(6):1353-62. **3.** Lei J, Priddy LB, Lim JJ, Massee M, Koob TJ. Identification of Extracellular Matrix Components and Biological Factors in Micronized Dehydrated Human Amnion/Chorion Membrane. Adv Wound Care (New Rochelle). 2017 Feb 1;6(2):43-53.