

# AMNIO-MAXX<sup>®</sup>

## Amnion Patches

### Amnio-Maxx<sup>®</sup> Dual Layer Amnion Allograft



- **Dual-Layer**  
Two layers of amniotic tissue provides 2x the growth factors
- **Easy to Use**  
Thicker graft facilitates handling in robotic and laparoscopic surgical procedures
- **Surgical Barrier**  
Designed for scar tissue and inflammation reduction potential<sup>1</sup>
- **Easy Placement**  
Dual layer allows placement of the graft on either side, eliminating orientation restrictions in surgical repair
- **Chorion Free**  
Immune privileged, reducing the risk of adverse responses
- **Biomechanical Integrity**  
Offers greater tensile strength, shape manipulation and slower resorption in vivo<sup>2</sup>



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AMNION PATCHES

Effective 26Jun2024 MM-0003 Rev 2

# POTENTIAL BENEFITS OF AMNIOTIC MEMBRANE GROWTH FACTORS:<sup>3\*</sup>

- ✓ Non-Immunogenic
- ✓ Tissue regeneration/remodeling
- ✓ Anti-inflammatory
- ✓ Anti-adhesive/anti-scarring
- ✓ Creates an environment which promotes anti-bacterial healing

The placenta contains growth factors and proteins that stimulate the body's own healing mechanism, reducing pain, inflammation, and scar tissue<sup>4</sup>

- Platelet Derived Growth Factor (PDGF) A & B
- Vascular Endothelial Growth Factor (VEGF)
- Transforming Growth Factor beta (TGFβ)
- Fibroblast Growth Factor (FGF)
- Epidermal Growth Factor (EGF)
- Tissue Inhibitors of Metalloproteinases (TIMPs)
- Collagen Types I, III, IV, V, VII
- Laminin
- Fibronectin
- Proteoglycans
- Hyaluronic Acid (HA)

## Ordering Information

Product Description	Size	Product Code
<b>Q4239</b> Amnio-Maxx® Dual Layer Amnion Allograft	2 x 2 cm	AMN-22
	2 x 4 cm	AMN-24
	4 x 4 cm	AMN-44
	4 x 8 cm	AMN-48

1. Sinno, Prakash. *Plast Surg Int.* 2013;146764.

2. Spoerl, et al. *Ophthalmic Res.* 2004;36(2):71-7

3. Martin, et al. *Encyclopedia of Reproduction*, 2018;3:387-398.

4. Mamede, et al. *Cell Tissue Res.* 2012, 349:447-458.

\*Based on published studies; not specific to PalinGen Amniotic Membranes

## Tissue Recovery & Processing

Amniotic Membranes are donated by healthy, pre-screened, consenting women in the US, and processed in accordance with

### TISSUE COLLECTION

Placental tissue is donated from live births in the U.S. without harming the mother or baby

### DONOR SCREENING

A thorough medical and social history is obtained for each donor to ensure eligibility requirements are met

### INFECTIOUS DISEASE TESTING

- HBsAg • HCV NAT • HIV 1/2Ab • RPR/STS
- HBcAb • HBV NAT • WNV NAT
- HCVAb • HIV NAT • HTLV I/II Ab

### TISSUE PROCESSING

All tissue undergoes a proprietary cleansing process to remove blood contaminants and reduce bioburden

### TISSUE STERILIZATION

Tissue is sterilized for an additional level of safety, achieving a sterility assurance level (SAL) of 10<sup>-6</sup>



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