

AMNIOEFFECT™




300+

- Lyophilized human amnion, intermediate layer, and chorion membrane allograft
- A semi-permeable barrier that supports the healing cascade
- Provides a biocompatible human extracellular matrix and retains 300+ regulatory proteins¹

PROVIDES A PROTECTIVE ENVIRONMENT TO SUPPORT THE HEALING CASCADE



AMNIOEFFECT

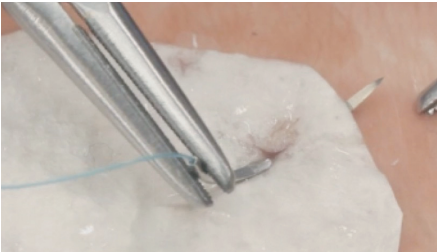


Tissue pictures are representative. Pattern may vary slightly.

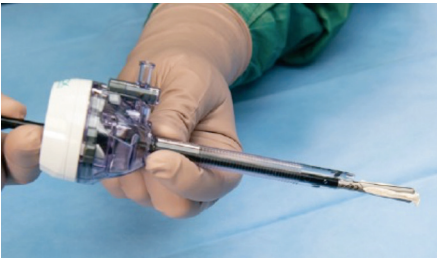
AMNIOEFFECT is a lyophilized human placental-based allograft membrane that includes amnion, intermediate layer, and chorion. AMNIOEFFECT is a semi-permeable barrier that supports the healing cascade and aids in the development of granulation tissue. The product provides a biocompatible human extracellular matrix (ECM) and retains 300+ regulatory proteins.¹

Product Advantages

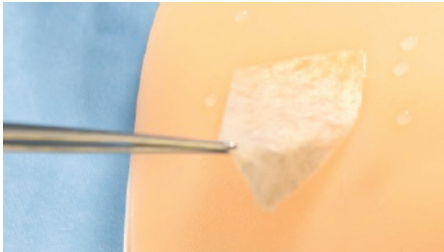
- SMR²T[®] Technology and patented PURION[®] processing
- Terminally sterilized for additional level of safety
- Easy to apply
- Room temperature storage
- 5-year shelf life
- Compatible with negative pressure wound therapy (NPWT) and hyperbaric oxygen therapy (HBO)



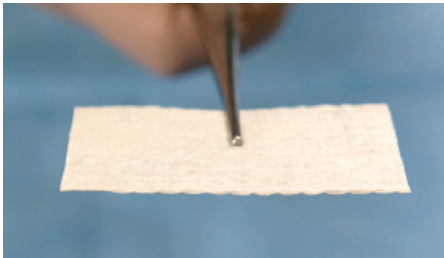
Holds a suture



May be used in MIS procedures



Repositionable after hydration



0.6 mm thickness*, sizes up to 180 cm², tissue is not load bearing

Clinical Use Examples

- When allograft will be affixed with suture
- Deeper surgical sites
- Small to large surface areas
- Soft tissue, tendon, bone, or hardware coverage
- Minimally Invasive Surgery (MIS) procedures
- Tunneling wounds
- Other cases are possible

Size and Item Numbers

LS-5680
6 cm x 8 cm sheet

LS-5460
4 cm x 6 cm sheet

LS-5230
2 cm x 3 cm sheet

ITEM #	SIZE & DESCRIPTION
LS-5230	2 cm x 3 cm sheet
LS-5350	3 cm x 5 cm sheet
LS-5440	4 cm x 4 cm sheet
LS-5460	4 cm x 6 cm sheet
LS-5212	2 cm x 12 cm sheet
LS-5680	6 cm x 8 cm sheet
LS-5616	6 cm x 16 cm sheet
LS-5920	9 cm x 20 cm sheet

LS-5920
9 cm x 20 cm sheet

LS-5212
2 cm x 12 cm sheet

LS-5616
6 cm x 16 cm sheet

LS-5440
4 cm x 4 cm sheet

LS-5350
3 cm x 5 cm sheet

Patented PURION Processing

The PURION process has been optimized for retention of the intermediate layer (IL). Separation of the amnion and chorion, with attached IL (Figure 1), ensures thorough cleansing of each layer prior to lamination into the tri-layer final configuration.

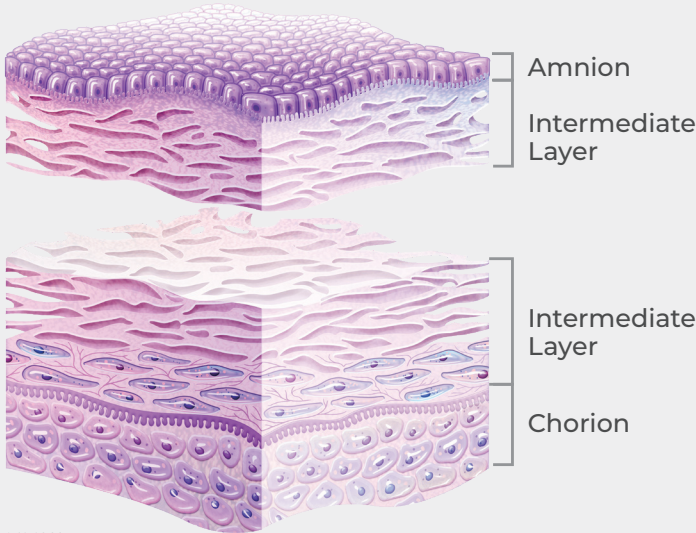


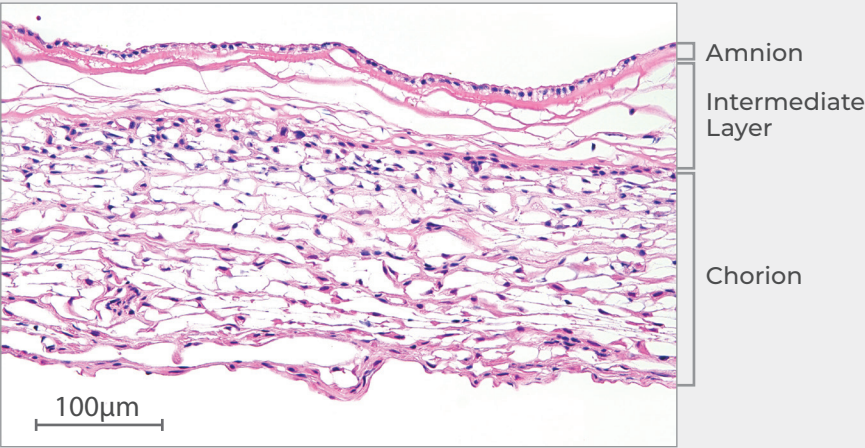
Figure 1: Cleansing During Processing[†]

*Nominal when dry [†]This is a representation and not an actual image of the cleansing process

AMNIOEFFECT: Histology Post-Processing

Biocompatible Human ECM

- **Structural components:** Collagen I, III, IV; elastin
- **Cell-binding domains:** Fibronectin, collagen V, VII; hyaluronic acid
- **ECM binding domains:** Proteoglycans, laminin
- **300+ Regulatory Proteins¹**



Application

- In its dry state and prior to hydration, the allograft may be cut with sharp scissors to the appropriate and approximate size required.
- The allograft should then be placed on the site, using the size of the pattern as a guide. Proper orientation of the allograft can be noted when the large pattern (Figure 2) surface is in contact with the application site and the small pattern (Figure 3) faces up. The orientation of the allograft at the site may vary based on use.
- The allograft can then be hydrated while on the site with sterile saline. During and following hydration, the pattern on the allograft will begin to fade.
- Suture material (absorbable, non-absorbable) and/or tissue adhesives can be used to affix AMNIOEFFECT allografts to the site of application or to itself, if desired.
- Note: Not intended for use as a load bearing tissue.

See Instructions for Use for full details.

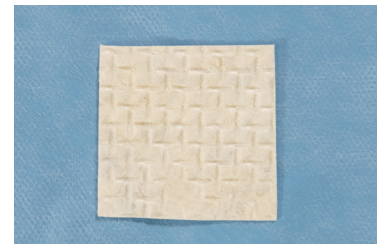


Figure 2: Larger pattern side faces **DOWN**



Figure 3: Smaller pattern side faces **UP**

Suggested MIS Technique

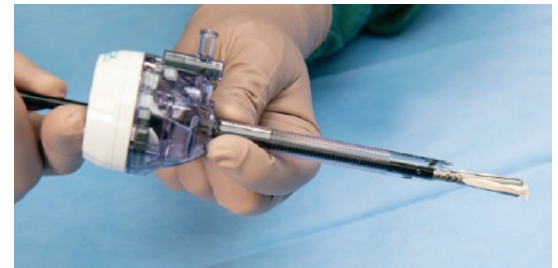
Folded 4 cm x 6 cm product advanced through 8 mm trocar



Fold allograft on a flat surface in the sterile field



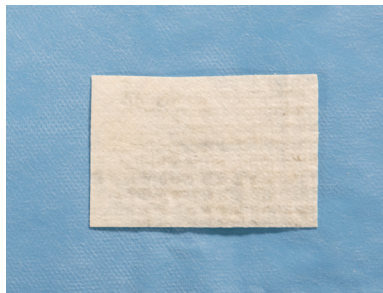
Place folded allograft inside the grasper



Carefully advance grasper and allograft through trocar



Release allograft from grasper



Unfold allograft and apply to target site with large pattern side facing down



Scan QR code with your smartphone camera app to view a demonstration video of AMNIOEFFECT.

To find out more about
MIMEDX products:

☎ Customer Service: 866.477.4219

✉ Email: customerservice@mimedx.com

REFERENCE 1. Data on File: MM-RD-00101—Development of Lyophilized Human Amnion Chorion Membrane.

SMR²T & Purion

Patents and patents pending see: www.mimedx.com/patents.
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