

Biovance[®] 3L

Triple-Layer Human Amniotic Membrane Allograft



Biovance® 3L Membrane Allograft

Biovance 3L membrane's unique 3-layer construction is designed for improved handling and ease of use when used as a covering, barrier, or wrap to surgical sites.

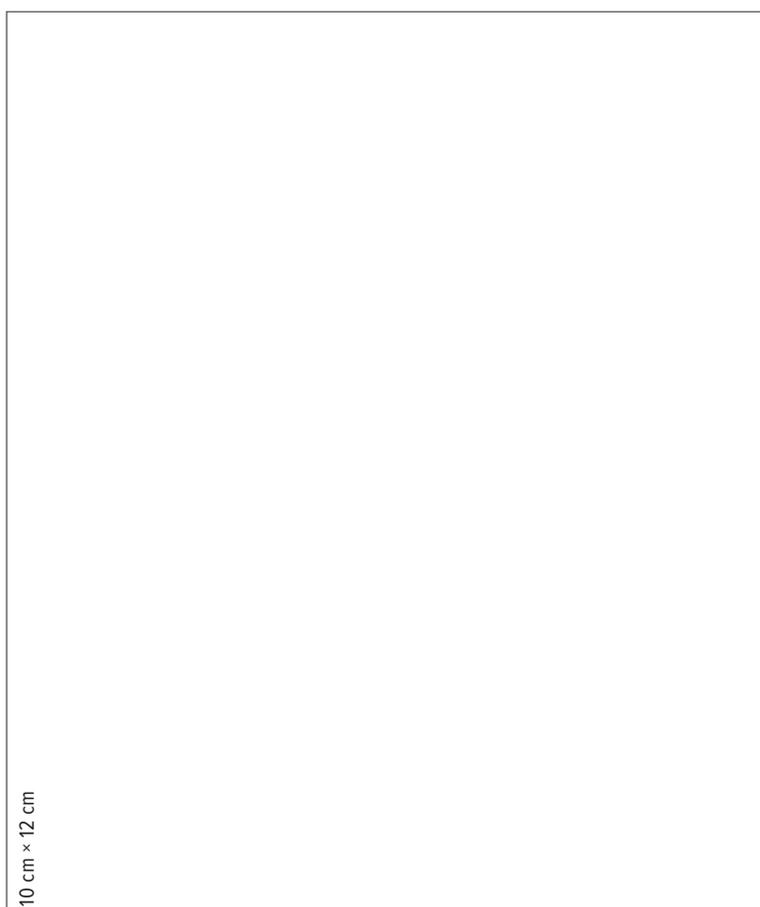
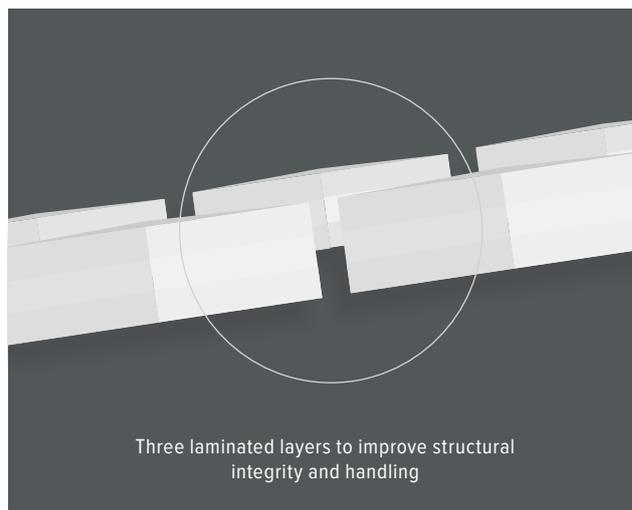
Features and Benefits

Pure human amniotic tissue with an intact basement membrane.¹

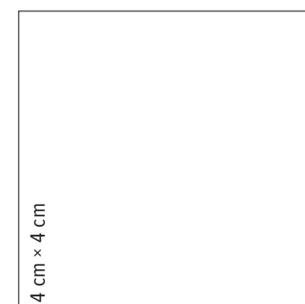
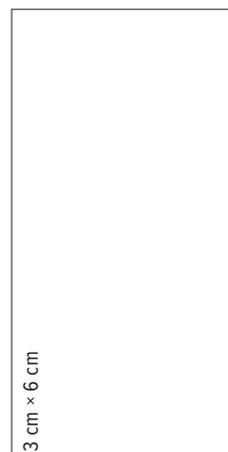
- Devoid of cells, hormones, growth factors, and cytokines
- Serves as a cell-friendly structure that promotes cell attachment within hours
 - Cell attachment is a natural stimulus for the orderly release of growth factors and cytokines
- Easy to handle: 3-layer design is thicker than other single-layer amnion products
- Easy to use: No preparation required
- Conforms easily to irregular surfaces
- Triple-layer design allows for suturing if needed
- Product has a 10-year shelf life and is stored at ambient room temperature

Unique 3-Layer Design

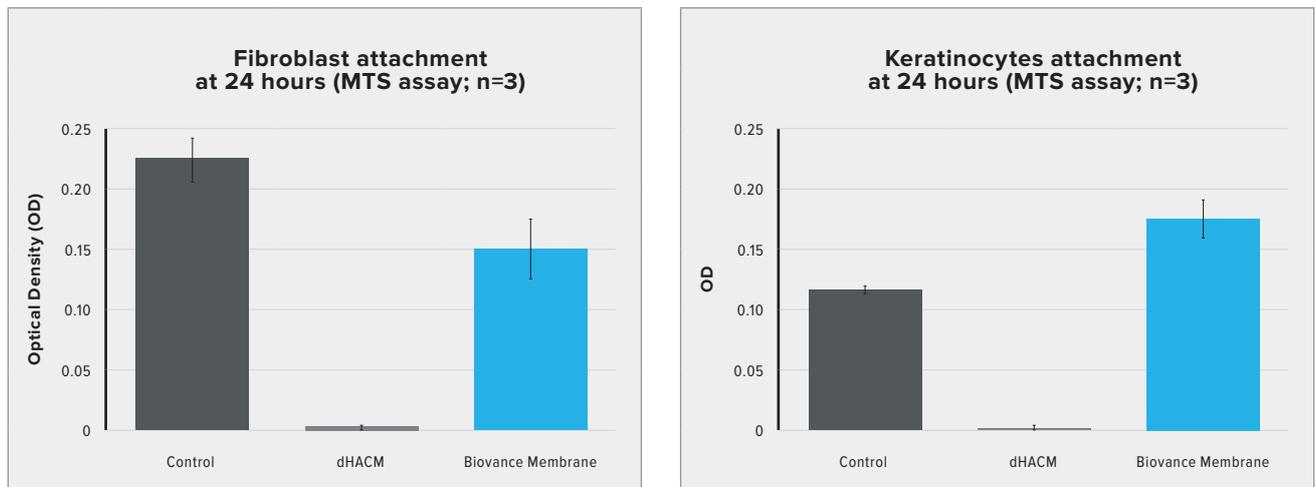
Three-dimensional design provides more surface area and allows for suturing as needed.



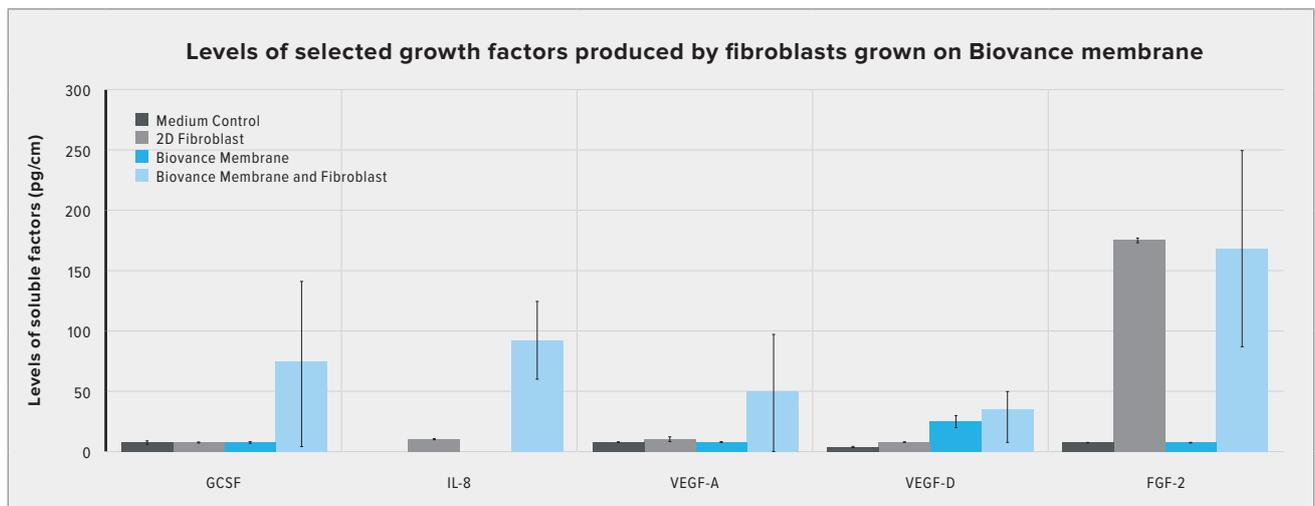
Available in **4 different sizes** to meet a variety of surgical application needs.



Decellularized inert amnion scaffold provides a **cell-friendly** environment.



Within 24 hours, cells readily attached to Biovance membrane but not dehydrated human amnion/chorion membrane (dHACM). In vitro data showed that Biovance membrane served as an inert scaffold with an intact basement membrane that supported a high level of fibroblast and keratinocyte attachment vs dHACM, which had no attachment of either cell type.



In vitro data showed that fibroblasts that attached to and grew on Biovance membrane released growth factors that support wound closure.

- Growth factors, among other key molecules released by attached fibroblasts, may support key events in wound repair, such as cell survival, wound closure, and angiogenic blood vessel formation
- Once growth factors were released, measured cell metabolic activity showed the revival of senescent endothelial cells and keratinocytes

Reference

1. Bhatia M, Pereira M, Rana H, et al. The mechanism of cell interaction and response on decellularized human amniotic membrane: implications in wound healing. *Wounds*. 2007;19(8):207-217.

Ordering Information

Product Description	Item Number
Biovance® 3L Membrane Allograft, 2 cm × 4 cm	DHAM024S
Biovance 3L Membrane Allograft, 4 cm × 4 cm	DHAM044S
Biovance 3L Membrane Allograft, 3 cm × 6 cm	DHAM036S
Biovance 3L Membrane Allograft, 10 cm × 12 cm	DHAM012S

Products advertised in this brochure / surgical technique guide may not be available in all countries. For information on availability, please contact Arthrex Customer Service or your local Arthrex representative.

Indications for Use

Biovance 3L membrane is an allograft intended for use as a biological membrane covering that provides an extracellular matrix. As a barrier membrane, Biovance 3L membrane is intended to protect the underlying tissue and create a barrier between the tissue plane boundaries. Indications include, but are not limited to, surgical covering, wrap, barrier, or application to partial- and full-thickness acute and chronic wounds (such as traumatic and complex wounds; burns; surgical and Mohs surgery sites; and diabetic, venous, arterial, pressure, and other ulcers), including wounds with exposed tendon, muscle, bone, or other vital structures.

Contraindications, Warnings, and Precautions

- Biovance 3L membrane is contraindicated in patients with a known hypersensitivity to Biovance 3L membrane
- If a patient has an adverse reaction related to the use of Biovance 3L membrane, immediately discontinue its use. Biovance 3L membrane should not be used on clinically infected wounds.
- The pouch contents are sterile if the pouch is unopened and undamaged. Do not use if package seal is broken.
- Discard material if mishandling has caused possible damage or contamination. Do not resterilize.
- Biovance 3L membrane must be used prior to the expiration date on the product pouch
- Biovance 3L membrane should not be used together with a collagenase product on the wound
- For product information or adverse reaction reporting, call (844) 963-2273
- Please refer to the Biovance 3L membrane package insert for complete product information



Biovance is a registered trademark of Celularity Inc.
Please refer to package insert for complete product information.



This description of technique is provided as an educational tool and clinical aid to assist properly licensed medical professionals in the usage of specific Arthrex products. As part of this professional usage, the medical professional must use their professional judgment in making any final determinations in product usage and technique. In doing so, the medical professional should rely on their own training and experience, and should conduct a thorough review of pertinent medical literature and the product's directions for use. Postoperative management is patient-specific and dependent on the treating professional's assessment. Individual results will vary and not all patients will experience the same postoperative activity level and/or outcomes.

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