

## WHY ALLOGRAFT MEMBRANE?

OrthoNovis Guard Allograft Membranes are dehydrated, sterile allografts processed from human amniotic and placental tissues intended for homologous use. The properties within the tissues provide a wide variety of potential benefits in regenerative medicine.



### PROTECTIVE COVERING

The membrane sheet provides a protective covering that may aid in wound management.



### SCAFFOLD

The extracellular matrix acts as a scaffolding and potentiates the migration and adhesion of resident cells.<sup>2</sup>



### IMMUNOGENICITY

The amniotic membrane has unique non-immunological properties.<sup>1</sup>

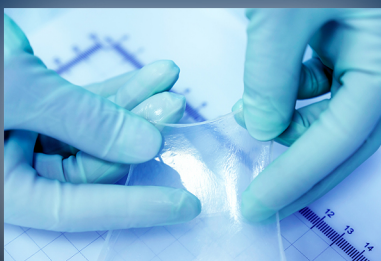


### GROWTH FACTORS

Natural cytokines in the membrane aid in its regenerative and protective traits.<sup>3</sup>

## POTENTIAL APPLICATIONS

- + PROTECTIVE COVERING
- + WOUND MANAGEMENT
- + ORTHOPAEDIC SURGERY
- + PODIATRIC SURGERY
- + GENERAL SURGERY



## POTENTIAL BENEFITS

- FLEXIBLE +
- PROTECTIVE COVERING +
- NON-STEROIDAL +
- ALL-NATURAL +
- EASE OF APPLICATION +

## ORTHO NOVIS GUARD PRODUCT SIZES

Available in multiple sizes for a wide spectrum of clinical applications.

GUARD	PRODUCT CODE	GUARD-AC	PRODUCT CODE	GUARD-XT	PRODUCT CODE
1x2cm	BNG-012	2x2cm	BNG-AC-022	2x4cm	BNG-XT-024
2x3cm	BNG-023	4x4cm	BNG-AC-044	4x4cm	BNG-XT-044
2x4cm	BNG-024	4x6cm	BNG-AC-046	4x6cm	BNG-XT-046
3x3cm	BNG-033	4x8cm	BNG-AC-048	4x8cm	BNG-XT-048
4x4cm	BNG-044				
4x6cm	BNG-046				
4x8cm	BNG-048				

**Quality and Safety Standards** - OrthoNovis products are processed and registered in compliance with all current Good Tissue Practices as mandated by the FDA and AATB and regulated under Section 361 of the Public Health Service Act.

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For all questions about ordering and billing, please contact us via the methods below:

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[1] Park C, Y, Kohanom S, Zhu L, Gehlbach P, L, Chuck R, S: Immunosuppressive Property of Dried Human Amniotic Membrane. Ophthalmic Res 2009; 41:112-113. doi:10.1159/000187629

[2] The presence of extracellular matrix was confirmed by internal measurements of collagen (Sirius Red, Chondrex) and Hyaluronic Acid (Hyaluronan Quantikine ELISA Kit, R&D Systems).

[3] The presence of growth factors confirmed by 3rd party testing using Fluorescent Multiplex ELISA (Quantibody® Human Growth Factor Array, Ray BioTech).