

# BioSport®

## AMNIOTIC MEMBRANE



### WHY AMNIOTIC MEMBRANE?

Human amniotic membrane forms the innermost layer of placenta tissue. The avascular membrane acts as a protective barrier for the developing fetus. Its properties 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



#### IMMUNOGENICITY

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



#### SCAFFOLD

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



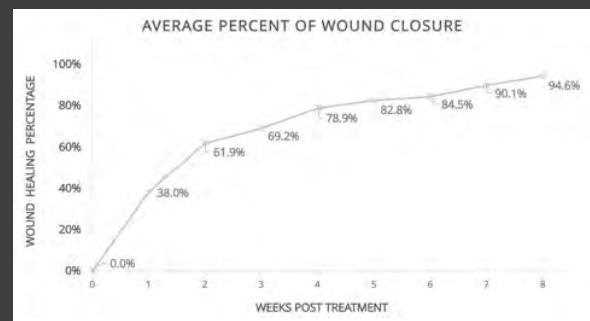
#### GROWTH FACTORS

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

### WHY BioSport® ?

BioSport® has been shown to be effective in treating chronic non-healing foot ulcers including diabetic, pressure, and venous ulcers.

In a 10 patient case series, 95% of wound closure was achieved by week 8 of treatment in patients that previously failed standard of care.<sup>[4]</sup>



[1] Park C, Y, Kohanim 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).

[4] Zakharova M, Hall B, Schallenger M, Bangart K, Bangart D, Moore S, Thomas J: Case study report of chronic non-healing foot ulcers treated with dehydrated human amniotic membrane sheet. SAWC Spring 2020. CS-112.

# Product Information

Learn more about BioSport®

BioSport® is regulated under Section 361 of the Public Health Service Act and is intended for homologous use.

## Potential BioSport® Applications

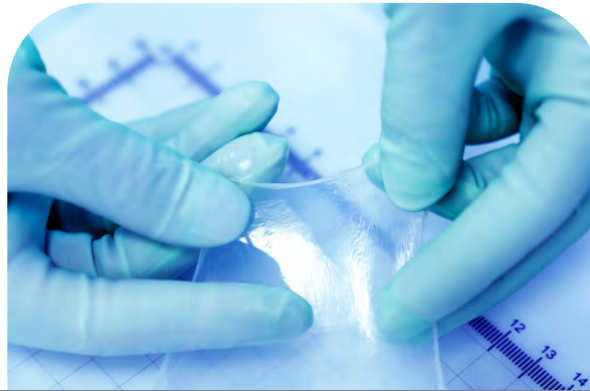
- + Podiatry
- + Wound Management
- + Orthopaedic Surgery

## BioSport® Allograft

BioSport® membranes are dehydrated, sterile allografts processed from human amniotic and placental tissues intended for homologous use.

# BioSport®

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## Potential BioSport® Benefits

- Flexible
- Protective Covering
- Non-Steroidal
- All-Natural

## BioSport® Quality

BioSport® is processed in compliance with all current Good Tissue Practices as mandated by the United States Food and Drug Administration and the American Association of Tissue Banks. We pride ourselves on quality standards and testing that exceed industry standards.

## BioSport® Sheet Sizes

BioSport® comes in multiple sizes tailored for multiple applications

### Products

BioSport® is derived from a single amnion layer to provide a flexible and transparent barrier

BioSport®	
Size	Product Code
2x3cm	BSPRT023-S
4x4cm	BSPRT044-S
4x8cm	BSPRT048-S

## Our Process

BioSport® is proud to be registered with the FDA, accredited by the American Association of Tissue Banks.

