

AmchoThick™

Dehydrated Human Amnion Chorion
Amnion Membrane Allograft

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ALLOGRAFT MEMBRANES

We Are Pioneering A New Era In Regenerative Medicine,
Leveraging The Potential Of Human Biology To Revolutionize
Healing And Recovery Worldwide.

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

Scaffold

The extracellular matrix acts as a scaffolding and potentiates the migration and adhesion of resident cells

Growth Factors

Natural cytokines in the membrane

Why AmchoThick™?

AmchoThick™ is intended for the repair, reconstruction, replacement, or supplementation of a patient's injured tissue.

Benefits of AmchoThick™:

- Placental tissue allograft composed of amnion chorion amnion layer
- Non-side specific orientation for application
- Thicker membrane for deep wounds or exposed anatomy that can be easily positioned or repositioned for improved conformity
- Enhanced tensile strength, adheres well, and easy to apply
- Can be used in a hydrated or dehydrated state
- Retains important major structural proteins and ECM biochemicals that are naturally present in placental tissue

What is AmchoThick™?

AmchoThick™ is a sterile minimally manipulated, dehydrated allograft consisting of Tri-layer amnion-chorion-amnion membrane. The allograft is derived from human placental tissue collected from consenting donors. This dehydrated allograft is processed aseptically and is terminally sterilized and achieves a sterility assurance level (SAL) of 1×10^{-6} utilizing gamma irradiation. Only tissues from donors meeting the prescribed criteria are processed for manufacturing of AmchoThick™

Infectious Disease Screened In Blood Specimens Of Donor

• HIV-1/2 antibody	• HTLV I/II	• Malaria
• Hepatitis B surface antigen	• HIV (NAT)	• Syphilis
• Hepatitis B core antibody (Total)	• HBV (NAT)	• WNV (NAT)
• Hepatitis C antibody	• HCV (NAT)	

Known Presence Of Growth Factors & Cytokines In The Extracellular Matrix Of Human Placental Tissue And Their Functions:

Growth Factors and Cytokines	Native Function	SimpliMax
IL-1ra, IL-4, IL-6, IL-10	Anti-Inflammatory	✓
VEGF	Angiogenic	✓
bFGF		✓
TGF-Beta		✓
PDGF		✓
EGF		✓
IGF-1		Cell Proliferation and remodeling
KGF	✓	
MIP	Anti-Bacterial	✓

Ordering Information

Potential SimpliMax Applications

- + Podiatry/Vascular
- + Wound Management
- + Orthopaedic Surgery
- + Other Surgical Scenarios

Potential SimpliMax Benefits

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

Product Description	GTIN	SKU Number
AmchoThick (20cm X 24cm)	8906158203381	ACT2024
AmchoThick (10cm X 15cm)	8906158203374	ACT1015
AmchoThick 10cm X 10cm)	8906158203367	ACT1010
AmchoThick (4cm X 8cm)	8906158203350	ACT0408
AmchoThick (4cm X 6cm)	8906158203343	ACT0406
AmchoThick (4cm x 4cm)	8906158201813	ACT0404
AmchoThick (2cm X 3cm)	8906158203336	ACT0203
AmchoThick (2cm X 2cm)	8906158203329	ACT0202

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