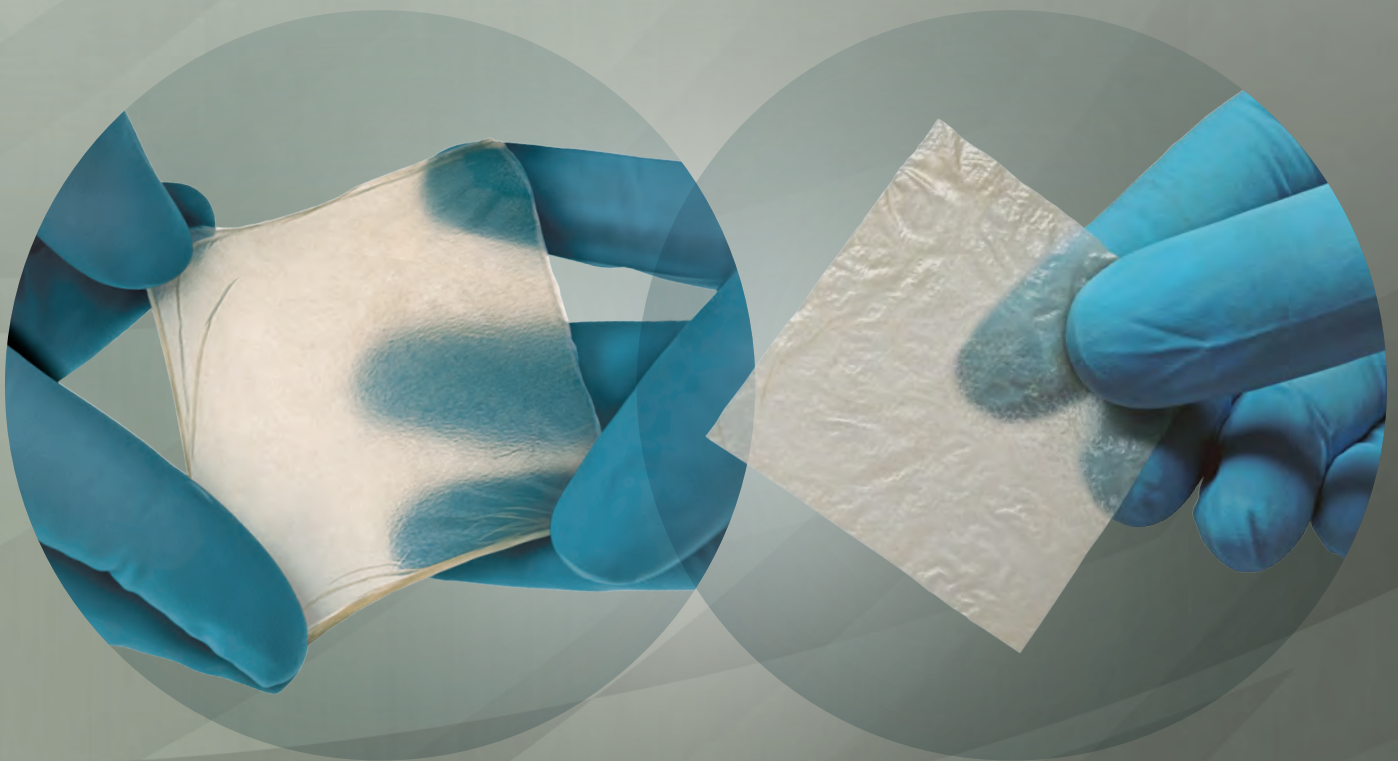


ALLOWRAP[®]

DOING MORE
WITH AMNIOTIC
MEMBRANE.



ALLOWRAP DS & ALLOWRAP DRY SURGICAL BARRIER



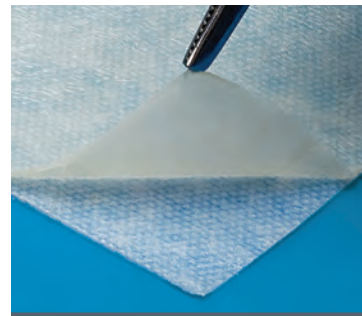


ALLOWRAP® SURGICAL BARRIER

AlloWrap* is a human amniotic membrane graft designed to be a barrier following surgical repair. Amniotic membrane is a thin tissue rich in growth factors that has been shown to moderate inflammation and reduce scar tissue development.² AlloSource carefully processes this tissue into a shelf stable, easy to manipulate graft, available moist or dehydrated depending on surgeon preference.

CLINICAL BENEFITS

- Amniotic membrane is rich in bioactive proteins that regulate healing and control excess scar tissue formation²
- AlloWrap is a thin, pliable graft that conforms to soft tissues and has been shown to remain in the surgical site throughout the cell proliferation stage of healing¹
- AlloWrap's unique, two layer design provides double the exposure to the epithelial side of the tissue improving handling characteristics



**AlloWrap design is patent pending.*



BALANCED HEALING

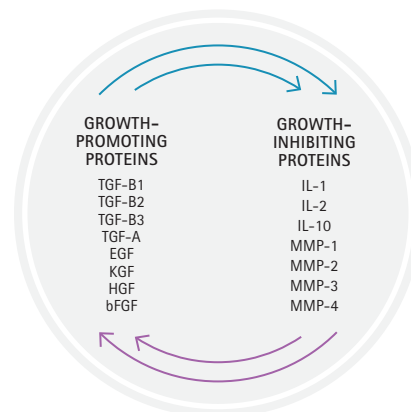
AMNIOTIC MEMBRANE CONTAINS BOTH GROWTH PROMOTING AND GROWTH INHIBITING PROTIENS THAT HELP CONTROL INFLAMMATION AND SCARRING

Scarring occurs when the body produces excess tissue that leads to adhesions.

A natural balance of growth factors and growth inhibiting cytokines found in amniotic membrane assist the body to control excess fibrosis during healing.²

In addition, amniotic membrane has been shown to control inflammation and reduce bacterial and viral activity at the surgical site. Since amniotic membrane is naturally immune-privilege, the body does not reject it by forming antibodies.²

All of these components help to create a more favorable healing environment.



¹ Samaniego, Adrian, B.Sc., AlloSource®, Centennial, CO Human amniotic tissue as an anti-adhesion, anti-fibrotic barrier in an ovine spinal laminectomy model

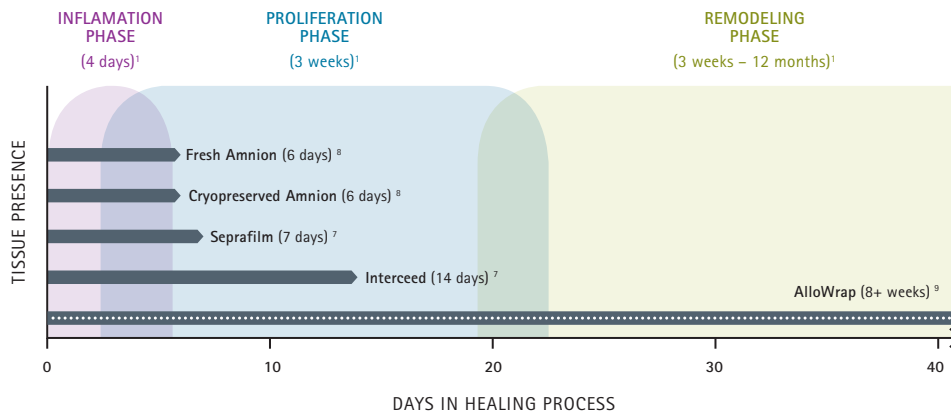
² Mamede Amniotic membrane: from structure and functions to clinical applications. May 18, 2012. Cell & Tissue Research.

→ STAYING POWER

ALLOWRAP STAYS IN THE BODY PAST THE CRITICAL STAGE OF HEALING

Surgical barriers can be effective in relieving the issue of adhesions, but many barriers on the market dissolve in the body after only a few days and do not remain in the body during the cell proliferation phase. This may result in adhesions occurring despite surgical barrier implementation.

AlloWrap is the only surgical barrier that has been shown to remain in the body through the proliferation stage of the healing process and into the remodeling stage.¹



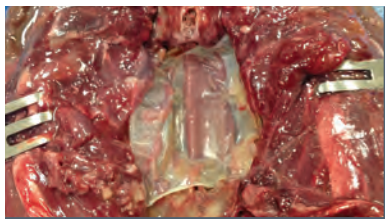
→ EPITHELIAL EXPOSURE

BECAUSE OF ALLOWRAP'S UNIQUE TWO-LAYER MIRRORED DESIGN, THE EPITHELIAL LAYER IS ALWAYS FACING OUTWARDS

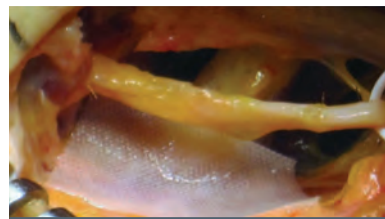
Amniotic membrane exhibits a slippery (epithelial) and a sticky (fibrous) side.

AlloWrap orients two pieces of tissue facing the fibrous sides together leaving a tissue with the epithelial sides facing out on both sides. This unique design allows for:

- Eliminating the worry about correctly orienting the side of the tissue
- Excellent handling characteristics without unneeded bulk (see applications below)
- The ability to reposition without discarding tissue



Spinal Dura with AlloWrap Dry onlay



Nerve wrapped with AlloWrap DS

→ ORDERING INFORMATION

TOLL FREE

800. 557. 3587

FAX

720. 873. 0207

AlloWrap® Double Sided (DS) Natural Surgical Barrier

SALINE	PRODUCT DESCRIPTION
70120004	AlloWrap DS 2 cm x 2 cm
70120008	AlloWrap DS 2 cm x 4 cm
70120016	AlloWrap DS 4 cm x 4 cm
70120032	AlloWrap DS 4 cm x 8 cm

AlloWrap® Dry Natural Surgical Barrier

AMBIENT	PRODUCT DESCRIPTION
70220204	AlloWrap Dry 2 cm x 2 cm
70220208	AlloWrap Dry 2 cm x 4 cm
70220216	AlloWrap Dry 4 cm x 4 cm
70220232	AlloWrap Dry 4 cm x 8 cm



6278 S Troy Cir
Centennial, CO 80111

For more information,
please call 720. 873. 0213
or visit allosource.org

At AlloSource, we recognize the complexity of delivering value-based healthcare and strive to deliver affordable, effective allografts while providing exceptional customer support. Our high quality, innovative products are used in spine, sports medicine, general orthopedics, reconstructive surgery, trauma and wound care.

Doing More With Life isn't just another mantra. It is our commitment. **Our purpose is to honor the donor's wishes by advancing healing to help patients lead more active lives.** With the guidance of our leadership and advisory board of healthcare partners, AlloSource develops innovations that progress healing by bridging the proven science of tissue allografts with advanced cellular technologies.