Minimally manipulated amniotic tissue allografts to cover and aid in healing and repair of wounds.

Amniotic Tissue Allografts for Wound Covering & Repair

Minimally manipulated amniotic tissues to aid in protecting and healing of wounds.

WHERE INNOVATION AND REGENERATIVE MEDICINE MEET.

SURGILOGIX
Amniotic Tissue for Wound Covering & Repair

Minimally manipulated amniotic tissue is advancing regenerative medicine. Amniotic tissue contains a unique make-up of biologically active factors which are involved in tissue regeneration. Therefore, amnion-derived allografts have become an attractive biomaterial to aid in the healing and repair of wounds.

**Amniotic Tissue Allografts**

Minimally manipulated amniotic tissue allografts cover and are known to aid in the healing and repair of wounds.

**Wound Healing Factors**

Amniotic tissue is a rich source of various biologically active factors involved in tissue regeneration and wound healing with reported anti-inflammatory, anti-bacterial, re-epithelial, and anti-fibrotic properties.¹²

**Key growth factors found in amniotic tissue:**
- FGF -- Fibroblast Growth Factor
- EGF -- Epidermal Growth Factor
- VEGF -- Vascular Endothelial Growth Factor
- TGF-β1 -- Transforming Growth Factor beta 1
- PDGF-- Platelet-Derived Growth Factor AA and BB

**Extracellular matrix elements found in amniotic tissue:**
- Collagen Types, I, III, IV, V and VII
- Laminin
- Tissue Inhibitors of Metalloproteinases (TIMPs)
- Fibronectin
- Proteoglycans
- Hyaluronic Acid
Amniotic Tissue Allografts

Surgilogix offers two, minimally-manipulated, chorion-free human amniotic tissue allografts for wound care. Our allografts contain key growth factors, cytokines, amino acids, carbohydrates, hyaluronic acid, extracellular matrix (ECM) proteins, and cellular components recognized as intrinsic to the complex wound healing process.³

SXBarrier™
Cover wounds and support native tissue with resorbable and chorion-free amniotic membranes.

Amniotic Membrane
SXBarrier™ is a human allograft comprised of amniotic membrane. Used to cover wounds in vivo, it creates a biological and physical overlay to support native tissues and protect the wound. The allograft is available in various sizes, can be trimmed to fit, and is affixed to a protective polymesh that is removed before either side of the allograft is applied to the target tissue.

Cryopreserved Amniotic Membrane & Fluid Components
SXFluid™ is a human allograft comprised of amnion and amniotic fluid components. This liquid allograft aids in the healing and repair of wounds and may be applied directly to the area of interest by implantation through a 20 – 23 gauge needle. It is cryopreserved for safe, long-term storage and ease of handling, and is available in a variety of volumes.

SXFluid™
Aid in healing with easy-to-use, liquid allograft comprised of amniotic membrane and fluid components.

Procurement, Processing & Safety

Amniotic Tissue Allografts DO NOT involve fetal sacrifice.

Amniotic tissue is collected from the placenta of pre-screened, consenting donors after delivery of a full-term live birth through elective Cesarean section. To minimize bioburden contamination, recovery is done using one of the safest recovery techniques and sterile equipment. Procurement is done by qualified and trained recovery partners following stringent protocols in a highly controlled environment.

Donors are pre-screened through an intensive medical review and prenatal examination.

Communicable disease testing is performed by an FDA-registered, CLIA laboratory.

Allografts are subjected to stringent USP testing prior to release.

Class II antigen expression is mitigated in amniotic tissue minimizing immunogenicity and reducing the risk of graft-host reaction.⁴ Unlike other amniotic tissue allografts on the market, Surgilogix allografts do not contain chorion further reducing the risk of an adverse reaction.
About Surgilogix

Surgilogix is a leading provider of amniotic tissue allografts that are intended for wound covering and protection. Our range of allografts meet the highest standards for safety and are applicable for wound care.

References