A Next Generation Amniotic Allograft Suspension

AMNIOMATRIX® is a cryopreserved suspension allograft derived from the amniotic membrane and components of the amniotic fluid. It is cryopreserved using the patented CRYOPrime™ processing method that preserves the structural properties of the collagen, cytokines, growth factors, ECM and viable cellular materials. The liquid based suspension is especially suited to help repair wounds where membrane products might not be as effective (i.e. tunneling or deep wounds). AMNIOMATRIX® is intended for homologous use to help supplement the recipient’s tissue and aid in the closing of chronic wounds.
AMNIOMATRIX® is derived from the components of the amniotic membrane and amniotic fluid recovered from living donors after a full term pregnancy. It was developed using a proprietary technique in an effort to preserve its structural properties in a liquid form. This tissue matrix includes residual proteins, carbohydrates, hyaluronic acid, growth factors, and other chemical compounds naturally present in amniotic fluid and tissue to provide a liquid tissue matrix that is derived from those components essential for fetal growth and development.

Clinicians have used amniotic tissue for over a century as a biologic dressing in a broad range of therapeutic applications. It has been generally recognized as a versatile wound covering with published clinical results cited extensively in literature.

**Product Description**
- Cryopreserved liquid allograft suspension derived from the components of the amniotic membrane and amniotic fluid
- Tissue recovered from live, healthy donors during a planned c-section

**Clinical Applications to Repair, Replace, and Reconstruct (For Homologous Use Only)**
- Chronic and acute wounds; diabetic ulcers, venous and arterial ulcers, and pressure ulcers
- Traumatic injuries
- Burns
- Surgical wounds

**Case**
43 year old female, status post I&D of a left breast abscess. The wound was treated with MEDIHONEY® with adequate closure noted until it stalled with measurement of 0.5 x 1.0 x 3.0 cm.

Wound was treated with AMNIOMATRIX® in tunnel margins

Wound was treated again on Day 14 (1.0 cm depth) and Day 30 (0.4 cm depth)

Complete closure by Day 38

References: