AmnioExcel® Plus, is a next generation, thicker, tri-layer allograft consisting of amnion-chorion-amnion layers. It is easy to apply and maintains the inherent extracellular matrix (ECM), cytokines, and growth factors found in placental tissue. AmnioExcel® Plus integrates into the wound and helps provide an environment to repair, reconstruct and replace wound tissue.
Why Placental Tissue?

Human amniotic membrane has been used to treat a variety of wounds for over 100 years. Research has shown that placental tissues can promote angiogenesis and new tissue formation, reduce scar tissue formation, modulate inflammation and pain and may have anti-microbial effects.

The amnion membrane is composed of:

- Collagen, elastin, fibronectin and proteoglycans that provide a three-dimensional architecture to promote reconstruction of damaged tissue.
- Regenerative growth factors, such as PDGF, VEGF, TGF-β, FGF and IGF, as well as other proteins, anti-inflammatory cytokines and peptides that promote tissue repair.

Retains the Structure of Unprocessed Human Amniotic Membrane Including ECM

Laboratory analysis and assays demonstrate that DryFlex processing preserves the structure of the amnion and chorion layers of the placental membrane. This is illustrated in the histology section of the right showing the amnion, chorion and amnion layers of AmnioExcel® Plus.

Retains key proteins of unprocessed human amniotic membrane

Laboratory analyses and assays demonstrated that the presence of cytokines and growth factors were maintained.
AmnioExcel® Plus: A Solution for Your Complex Wounds

AmnioExcel Plus is the Next Generation of Placental Tissue:

- Tri-layer membrane contains higher amounts of bioactive growth factors
- Aids in creating the environment to help close complex wounds
- Thicker graft with non-side specific application, is easy to handle and conforms to the wound surface

AmnioExcel Plus:

- Placental tissue allograft composed of three layers: amnion, chorion, amnion
- DryFlex® processing preserves the quality of the growth factors, cytokines and ECM found in native placental tissue
- Dehydrated and terminally sterilized with a 5 year shelf life at room temperature
- Designed for the use as a wound covering

AmnioExcel Plus in vitro Cell Migration Assay

As shown in an in vitro scratch assay, cell migration was 5x greater in the AmnioExcel Plus group compared to the no placental membrane group.

Brightfield microscopy image x 0h

Brightfield microscopy image x 24h

Flourescent nuclei stain x 24h
### General Use

AmnioExcel Membrane is intended for use in wounds. This placental-derived allograft tissue is intended for homologous use for the repair, reconstruction and replacement of skin at the discretion of a physician.

### Clinical Applications Include:
- Chronic and acute wounds
- Diabetic ulcers
- Venous & arterial ulcers
- Pressure ulcers
- Traumatic injuries
- Burns
- Surgical wounds

### For more information or to place an order, please contact:

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