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 easily adheres to and integrates into the wound over time. It is intended for use during the repair of soft tissue wounds.
Human placental 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 antimicrobial effects.

The placental 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, antiinflammatory cytokines and peptides that promote tissue repair

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.

AmnioExcel Plus Is the Next Generation of Placental Tissue:
- Three-layer membrane contains bioactive growth factors
- Aids in creating the environment to help close complex wounds
- Thicker graft with nonside specific application
- 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 inherent growth factors, cytokines, and ECM (extracellular matrix) 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

Laboratory analyses and assays demonstrated that the presence of cytokines and growth factors were maintained.

Hematoxylin and Eosin (H&E) stained tissue demonstrating normal placental architecture with intact epithelium, compact layer and fibroblast layer.

**Preclinical results are not necessarily predictive of the clinical outcomes.

† Retention of growth factor configuration as demonstrated through ELISA testing. Data on file.

‡ As compared to AmnioExcel.

Bright-field microscopy image at 0 hour
Bright-field microscopy image at 24 hours
Fluorescent nuclei stain at 24 hours

**Preclinical results are not necessarily predictive of the clinical outcomes.
AmnioExcel® Plus Ordering Information

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General Use
AmnioExcel Plus membrane is intended for use as a wound cover. This product is intended for use as a protective barrier covering during the repair of soft tissue wounds.

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

References: