SteriShieldII Dual Layer Amnion Patch™

A Simply Remarkable Tissue!
Amnion is the placental tissue that surrounds and protects the fetus during development in utero. The properties of amnion that benefit the fetus also make it an effective material for protecting a wide variety of wounds, while at the same time creating an environment conducive to the regeneration of healthy tissue. Repurposing this versatile tissue to improve outcomes in wound management is supported by studies in published literature which describes its successful and safe clinical use.

Amnion consists primarily of fibrillar and membranous collagens, elastin, and a mix of growth factors and cytokines that provide the properties unique to placental tissues.

The Benefits of Amnion
The scientific and peer reviewed literature describe a number of benefits from the clinical use of amnion tissues¹, including:

- Safe, natural covering that improves normal wound healing outcomes
- Reduced inflammation
- Reduced fibrosis and scarring at the surgical site
- Decreases pain
- Provides a substrate for stem cells

Uses of Amnion
Specifically, amnion has been used to achieve the following outcomes¹:

- Inhibit fibrogenesis (scarring) when applied topically to dermal and subcutaneous wounds
- Prevent adhesions tethered to implanted hardware
- Reduce the occurrence of dural & nerve root adhesions
- Prevent adhesions in tendon grafts and repair

Amnion has been used successfully in many clinical applications:

- Spine / neurologic surgeries
- Bariatric surgeries
- Trauma
- Ophthalmic procedures
- Cranio maxillofacial surgery
- Dental
- Podiatric surgery
- Sports medicine
- OB-Gyn
- Wound care / burns

¹: Though well documented in the clinical literature, these benefits of amnion have not been studied using SteriShield™ products.