

**RESTORIGIN™ Sx**  
A Natural Next-Generation Tissue Barrier

Placental Tissue Membranes

Restorigin Sx is a family of placental tissue allografts that may be used as a barrier in numerous surgical applications. Restorigin Sx maintains the inherent properties of placental tissue, including nutrient-rich growth factors and cytokines.<sup>1,2</sup>

## About Restorigin Sx

- Placental tissues exist in several forms with a common goal of providing protection and nourishment for the baby
- Placental tissue acts as an immune-privileged protective barrier during fetal development<sup>1</sup>
- Restorigin Sx is applied as a barrier that helps provide mechanical protection while maintaining endogenous growth factors<sup>1,2,4</sup>
- The proprietary tissue process preserves the inherent properties of amniotic tissue, maintaining levels of key extracellular matrix molecules, growth factors, and cytokines<sup>5</sup>

## Safety and Versatility

- The tissue is recovered from healthy mothers at live births
- Restorigin Sx is processed in accordance with FDA regulations and AATB standards
- Placental tissues have been used for over 100 years with well-documented clinical success<sup>3</sup>

Restorigin Sx is available in two thicknesses offering increased versatility across a variety of physician preferences

- Requires no up-front preparation
- Hydrates rapidly in the surgical site
- Ambient temperature storage with a 5-year shelf-life
- Notch and orientation stickers to designate placement of the epithelial side upwards
- E-Beam sterilization provides a sterility assurance level (SAL) of  $10^{-6}$

## Potential Clinical Applications

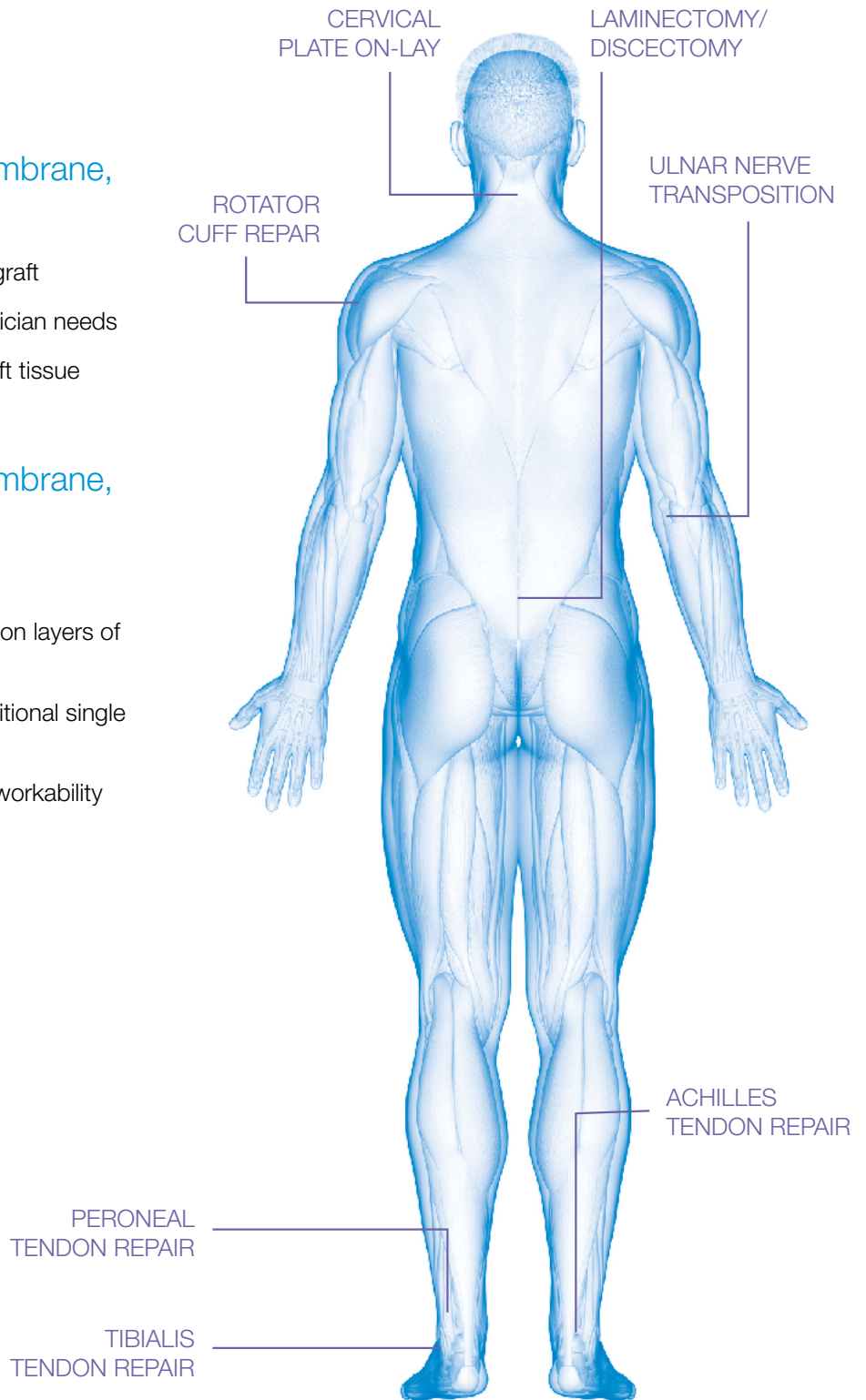
- Spine & Neurosurgery
- Foot & Ankle
- Urology
- Gynecology
- Orthopedic Surgery

### Restorigin Sx Amniotic Membrane, Thin

- Traditional single layer amnion allograft
- Offered in large sizes to meet physician needs
- Ideal for numerous surgical and soft tissue applications

### Restorigin Sx Amniotic Membrane, Medium

- Flexible multilayer allograft
- Derived from the amnion and chorion layers of the placental membrane
- Approximately 4X thicker than traditional single layer amnion
- Improved handling and increased workability



## Restorigin Sx Amniotic Patch, Thin

Product Number	Description	Size
RSX-AM-0101	Restorigin Sx Amnion Patch, Thin	1x1cm
RSX-AM-0202	Restorigin Sx Amnion Patch, Thin	2x2cm
RSX-AM-0203	Restorigin Sx Amnion Patch, Thin	2x3cm
RSX-AM-0212	Restorigin Sx Amnion Patch, Thin	2x12cm
RSX-AM-0303	Restorigin Sx Amnion Patch, Thin	3x3cm
RSX-AM-0404	Restorigin Sx Amnion Patch, Thin	4x4cm
RSX-AM-0406	Restorigin Sx Amnion Patch, Thin	4x6cm
RSX-AM-0408	Restorigin Sx Amnion Patch, Thin	4x8cm
RSX-AM-0707	Restorigin Sx Amnion Patch, Thin	7x7cm
RSX-AM-1010	Restorigin Sx Amnion Patch, Thin	10x10cm
RSX-AM-1012	Restorigin Sx Amnion Patch, Thin	10x12cm

## Restorigin Sx Amniotic Patch, Medium

Product Number	Description	Size
RSX-AC-0101	Restorigin Sx Amnion Patch, Medium	1x1cm
RSX-AC-0202	Restorigin Sx Amnion Patch, Medium	2x2cm
RSX-AC-0203	Restorigin Sx Amnion Patch, Medium	2x3cm
RSX-AC-0404	Restorigin Sx Amnion Patch, Medium	4x4cm
RSX-AC-0406	Restorigin Sx Amnion Patch, Medium	4x6cm
RSX-AC-0408	Restorigin Sx Amnion Patch, Medium	4x8cm

1. Rowlatt, U. (1979). Intrauterine wound healing in a 20-week human fetus. *Virchows Arch A Pathol Anat Histol*, 381(3), 353–361.
2. Coolen, N.A. et al. (2010). Comparison between human fetal and adult skin. *Archives of Dermatological Research*, 302(1), 47–55.
3. Kogan, S. et al. (2018) Amniotic Membrane Adjuncts and Clinical Applications in Wound Healing: A Review of the Literature, *Wounds*, 30(6), 168-173.
4. Niknejad H, Peirovi H, Jorjani M, et al. Properties of the amniotic membrane for potential use in tissue engineering. *Eur Cell Mater*. 2008;15:88-89.
5. Delcroix GJ, Namin S, D'Ippolito G, Temple HT, Marshall R. Preserving the natural regenerative potential of amniotic membrane. *Vivex Biomedical*.



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