CYGNUS[®] MATRIX DISK

MOST WOUNDS ARE NOT SQUARE. WHY SHOULD THEIR TREATMENT BE?



Available in circular shapes to better conform to wound sizes, CYGNUS Matrix Disks are amniotic allografts processed to retain the inherent mechanical properties of amniotic tissue and rich supply of extracellular matrix, growth factors and cytokines.^{1,2}

> CYGNUS MATRIX DISKS AMNION/CHORION ALLOGRAFT FEATURES AND BENEFITS

Amniotic-derived tissues may be used as a soft tissue barrier and wound covering that retains endogenous extracellular matrix (ECM), growth factors and cytokines²⁻⁵ essential for signaling. The properties of amniotic tissue help provide mechanical protection⁶ to damaged tissue while retaining nutrient-rich growth factors.⁷⁻⁹

AMNION/CHORION MEMBRANES

- Amniotic tissue acts as a mechanical barrier between mother and fetus as well as an immune-privileged barrier during fetal development.¹
- CYGNUS Matrix Disks applied as a soft tissue barrier and wound covering help provide the same mechanical protection to support the damaged tissue.⁵
- VIVEX's Integrity Processing[™] retains the intermediate (spongy) layer and preserves the inherent properties of amniotic tissues, maintaining key extracellular matrix molecules, proteins, carbohydrates, growth factors and cytokines.⁷

CYGNUS MATRIX DISKS AMNION/CHORION ALLOGRAFT

- 5-year shelf life for room temperature storage
- No upfront preparation hydrates in site
- 4X thicker than single layer amniotic allografts
- Circular shape saves time by reducing the need to trim around the square allografts to match the size of the wound
- Available in a variety of sizes to meet clinical needs and allow use throughout the course of wound repair

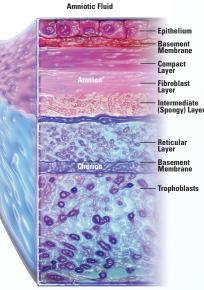
POTENTIAL CLINICAL APPLICATIONS

- Wound care
- Burn care
- Dermatology
- Ophthalmology

SAFE AND TRUSTED PARTNER

VIVEX Biologics is a regenerative solutions company, focusing on patient care through the innovation of tissue and biologic-based therapies in Wound Care, Ortho-Fusion and Interventional Pain. With more than 50 years of highly safe and effective operations, VIVEX aims to provide advanced regenerative solutions.

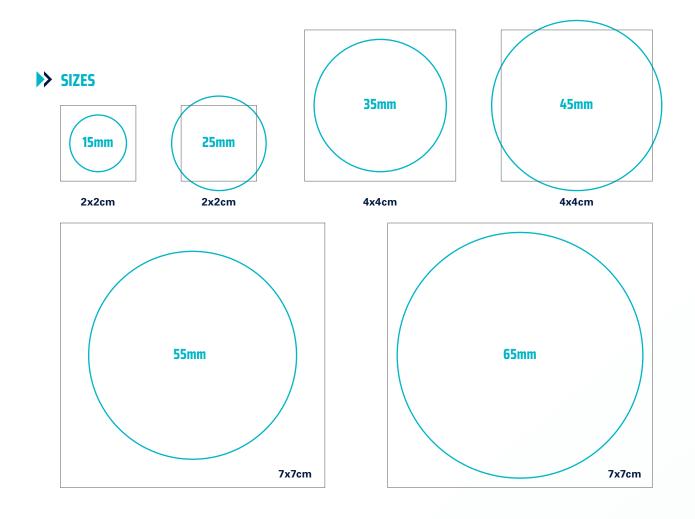
- · Amniotic tissue is recovered from healthy mothers at live births.
- Handled and processed in accordance with both FDA regulations and AATB standards.
 VIV/EX maintains the trend of asfally delivering over 2 million ellegrafts with no.
- VIVEX maintains the trend of safely delivering over 2 million allografts with no disease transmission.







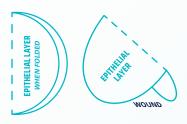




ORDERING INFORMATION

CODE	DESCRIPTION	SIZE
CAP015000S	CYGNUS® Matrix Amnion Allograft	15mm
CAP025000S	CYGNUS® Matrix Amnion Allograft	25mm
CAP035000S	CYGNUS® Matrix Amnion Allograft	35mm
CAP045000S	CYGNUS® Matrix Amnion Allograft	45mm
CAP055000S	CYGNUS® Matrix Amnion Allograft	55mm
CAP065000S	CYGNUS® Matrix Amnion Allograft	65mm

> CORRECTORIENTATION



VIVEX Biologics will use reasonable efforts to provide accurate and complete information herein, but this information should not be construed as providing clinical advice, dictating reimbursement policy or as a substitute for the judgment of a health care provider. It is the health care provider's responsibility to determine the appropriate treatment, codes, charges for services and use of modifiers for services rendered and to submit coverage or reimbursement-related documentation.

- Rowlatt, U. (1979), Intrauterine wound healing in a 20-week human fetus. Virchows Arch A Pathol Anat Histol, 381(3), 353-361 1.
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- Rowlatt, U. (1979), Intrauterine wound healing in a 20-week human fetus. Virchows Arch A Pathol Anat Histol, 381(3), 353-361
 Coolen, N.A. et.al. (2010). Comparison between human fetal and adult skin. Archives of Dermatological Research, 302(1), 47-55.
 Coolen N.A. et.al. (2010). Comparison between human fetal and adult skin. Archives of Dermatological Research, 302(1), 47-55.
 Coolen N.S. Schouten KC, Boekema BK, Middelkoop E, Ulrich MM. Wound healing in a fetal, adult, and scar tissue model: a comparative study. Wound Repair Regen. 2010;18(3):291-301. doi:10.1111/j.1524-475X.2010.00585.x.
 Tseng SC, Espana EM, Kawakita T, et al. How does anniotic membrane work? Ocul Surf. 2004;2(3):177-187.
 Riordan NH, George BA, Chandler TB, McKenna RW. Case report of non-healing surgical wound treated with dehydrated human amniotic membrane. J Transl Med. 2015;13:242. doi:10.1186/s12987-015-0608-8.
 Kim SS, Sohn SK, Lee KY, et al. Use of human amniotic membrane wrap in reducing perineural adhesions in a rabbit model of ulnar nerve neurorrhaphy. J Hand Surg Eur Vol. 2010;35(3):214-219. doi:10.1177/1753193409352410.
 Delcroix GJ, Namin S, D'Ippolito G, Temple HT, Marshall R. Preserving the natural regenerative potential of amniotic membrane. VIVEX Biomedical.
 Niknejad H, Peirovi H, Joriani M, et al. Properties of the amniotic membrane for potential use in tissue engineering. Eur Cell Mater. 2008;15:88-89.
 Koob TJ, Lim JJ, Massee M, Zabek N, Denoizièr G. Properties of dehydrated human amnion/chorion composite grafts: implications for wound repair and soft tissue regeneration. J Biomed Mater Res B Appl Biomater. 2014;102(6):1353-1362. doi:10.1002/jbm.b.33141. 9.

