

# OBS Dual Layer Tissue Matrix

## Allograft Tissue Matrix Membrane & Disc

### **Benefits of Allograft Tissue Matrices may include:**

- Enhanced Wound Healing (1-3,7)
- Reduction of Pain and Inflammation (3)
- Reduction in Adhesions and Scarring (4)
- Anti-microbial properties

### **Allograft Tissue Matrices may include:**

- Growth Factors (1,2,6)
- Extracellular Matrix (2,5,6)
- Hyaluronic Acid (1,4-6)
- Fibronectin (2)
- Laminin (4)
- Prostaglandins (3)
- Cells (7)



### **Safety:**

- Recovered during planned Cesarean section
- Complies with all FDA and AATB guidelines
- Sterile to SAL 10<sup>-6</sup>

<u>VA Contract Line Item # (CLIN)</u>	<u>DAPA Line Item # (DLIN)</u>	<u>Product Description</u>
CLIN2488	DLIN3312	OBS Dual Layer Tissue Matrix 1x1
CLIN2489	DLIN3313	OBS Dual Layer Tissue Matrix 2x2
CLIN2490	DLIN3314	OBS Dual Layer Tissue Matrix 2x3
CLIN2491	DLIN3315	OBS Dual Layer Tissue Matrix 4x4
CLIN2492	DLIN3316	OBS Dual Layer Tissue Matrix 4x6
CLIN2493	DLIN3317	OBS Dual Layer Tissue Matrix 4x8
CLIN2494	DLIN3318	Tissue Matrix Disc 10mm
CLIN2495	DLIN3319	Tissue Matrix Disc 16mm

### **References**

- 1 Nyman E., Huss F., Nyman T., Junker J., Kratz G. (2013 Apr), Hyaluronic acid, an important factor in the wound healing properties of amniotic fluid; in vitro studies of re-epithelialization in human skin wounds. J Plast Surg Hand Surg. 47(2):89-92
- 2 Adzick N.S., Lorenz H.P., (1994 Jul) Cells, matrix, growth factors, and the surgeon. The biology of scarless fetal wound repair. Annals of Surgery.; 220(1): 10-18
3. Gao X., Devoe L.D., Given K.S., (1994 Aug) Effects of amniotic fluid on proteases; a possible role of amniotic fluid in fetal wound healing. Annals of Plastic Surgery. 33(2): 128-134; discussion 134-135
4. Bolat F., Kocamaz F., Kulahcilar Z., Yilmaz A., Topcu A., Ozdemir M., Coskun M. (2013 Dec) Investigation of efficacy of mitomycin-C, sodium hyaluronate and human amniotic fluid in preventing epidural fibrosis and adhesion using a rat laminectomy model. Asian Spine J. 7(4): 253-9
- 5 Cobanglu U., Kutlu N., Karacal N., Kosucu P. (2005 Dec) Effect of human amniotic fluid on bone healing. J Surg Res. 129(2): 283-7
6. Ozgenel G., Filiz G., Ozcan M. (2004 Jul) Effects of amniotic fluid on cartilage regeneration from free perichondrial grafts in rabbits. Br J Plast Surg. 57(5): 423-8
7. Rosner M., Hipany K., Shanmugasundaram B., Lubec G., Hengstschlager M. (2012 Jun) Amniotic Fluid Stem Cells: Future Perspectives. Stem Cells Int. 2012: 741810



Spartan Medical Inc.  
1445 Research, Blvd 520  
Rockville, MD 20850  
www.spartanmedspine.com  
DUNS: 807438341 | CAGE:65VT5