

# MEETING THE CHALLENGE OF COMPLEX WOUND HEALING

## NEOX® CORD 1K is a Cryopreserved Umbilical Cord Allograft that Addresses Severe and Complex Non-Healing DFUs Complicated with Osteomyelitis

The successful management of complex diabetic wounds, complicated with damaged infected tissue down to the bone, tendon or muscle, is one of the most challenging situations for any wound physician. With few therapy options available, these patients are often recommended for amputation.

Current evidence indicates positive outcomes with the use of NEOF CORD 1K for the **management of Wagner grade 3-4 DFUs with osteomyelitis.**<sup>1-3</sup>



### NEOX UMBILICAL CORD ALLOGRAFTS (UC) VS. AMNIOTIC MEMBRANE (AM)

	NEOX UC <sup>1</sup> Caputo DPM 2016	NEOX UC <sup>2</sup> Raphael DPM 2016	NEOX UC <sup>3</sup> Raphael DPM 2017	AM+Chorion <sup>4</sup>	AM <sup>5</sup>
# Patients/# Wounds	31/33	29/32	13/14	63/63	31/31
Indications	COMPLEX DFU WITH OSTEOMYELITIS	DFU	COMPLEX DFU WITH OSTEOMYELITIS	DFU	Complex DFU WITHOUT Osteomyelitis
Avg Wound Area	15.6 cm <sup>2</sup>	10.6 cm <sup>2</sup>	33.2 cm <sup>2</sup>	5.2 cm <sup>2</sup>	14.6 cm <sup>2</sup>
Healing Rate	<b>78.8%</b> Avg: 16 weeks Week 12: 30.7% Week 16: 70.3%	<b>87.5%</b> Avg: 13.8 weeks Week 12: 60.7%	<b>100% (+NPWT*)</b> Avg: 24 weeks Week 16: 50%	Week 12: 28% Week 24: 47%	Week 16: 59.7%
Avg # Applications	<b>1.24</b>	<b>1.68</b>	<b>2.8</b>	3.5	6.8

\*Negative Pressure Wound Therapy

As an adjunct to standard therapy, NEOF has shown improved healing in more complex wounds versus competitive amniotic allografts

- **High closure rates** in even the most severe wounds<sup>1-3</sup>
- **Fewer applications** with increased longevity in the wound bed<sup>1-3</sup>
- **Expedited functional recovery** while reducing the cost of care<sup>1-3</sup>

# MANAGEMENT OF WAGNER GRADE 3-4 DFUs IS CHALLENGING

NEOX CORD 1K provides a more persistent allograft designed to retain the critical biology of human birth tissue compared to dehydrated amnion/chorion products.<sup>6-9</sup>

Other birth tissue allografts are often processed by dehydration to deliver a convenient, shelf-stable product, which may affect the properties of the tissue and potential to heal the wound.<sup>6</sup>

AMNIOX utilizes its proprietary CRYOTEK® preservation process, derived from over 35 years of research into the potential healing benefits of birth tissue, to deliver the key innate properties of the native tissue to the wound.<sup>7-9</sup>



**As a cryopreserved umbilical cord allograft, NEOX CORD 1K provides the wound clinician:**

- **Two-year shelf life in standard refrigerator or deep-freezer**
- **Minimal thawing requirements**
- **Easy to fenestrate or cut into strips to reduce waste and cost of treatment**
- **Can be used in conjunction with Negative Pressure Wound Therapy (NPWT)**



NEOX may be fixed/secured according to clinical preference/LCD guidance (Steri-Strips, sutures or staples may be used). When cut into strips, edge-to-edge coverage is not needed.

NEOX CORD 1K	
Cryopreserved Umbilical Cord/Amniotic Membrane Wound Allograft	
Catalog #	Dimensions
NX-10-2010	2.0 x 1.0 cm
NX-10-2020	2.0 x 2.0 cm
NX-10-3020	3.0 x 2.0 cm
NX-10-3030	3.0 x 3.0 cm
NX-10-4030	4.0 x 3.0 cm
NX-10-6030	6.0 x 3.0 cm
NX-10-8030	8.0 x 3.0 cm
NEOX CORD RT	
Room Temperature Umbilical Cord/Amniotic Membrane Wound Allograft	
Catalog #	Dimensions
NX-UR-2010	2.0 x 1.0 cm
NX-UR-2020	2.0 x 2.0 cm
NX-UR-3020	3.0 x 2.0 cm
NX-UR-3030	3.0 x 3.0 cm
NX-UR-4030	4.0 x 3.0 cm
NX-UR-6030	6.0 x 3.0 cm
NX-UR-8030	8.0 x 3.0 cm
NEOX 100	
Cryopreserved Amniotic Membrane Wound Allograft	
Catalog #	Dimensions
NX-02-2020	2.0 x 2.0 cm
NX-02-3030	3.0 x 3.0 cm
NX-02-4040	4.0 x 4.0 cm
NX-02-7070	7.0 x 7.0 cm

**For more information on the NEOX family of products visit [www.amnioxmedical.com](http://www.amnioxmedical.com) or call 1-888-709-2140.**

Note: For complete indications, contraindications, warnings, precautions, and adverse reactions, please reference full package insert.

1. Caputo WJ et al. *Wound Repair Regen.* 2016 Sept 24(5). 2. Raphael A. *J Wound Care.* 2016 Jul. 3. Raphael A, Gonzales J. *J Wound Care.* 2017;26(Sup10). 4. Kirsner RS et al. *Wound Repair Regen.* 2015 Sept. 5. Frykberg RG et al. *Int Wound J.* 2016 Aug. 6. Cooke M et al. *J Wound Care.* Vol 23, No. 10, Oct 2011. 7. He H, Li W, Tseng DY, et al. *J Biol Chem.* 2009; 284(30): 20136-20146. 8. He H, Zhang S, Tighe S, Son J, Tseng SCG. *J Biol Chem.* 2013; 288(36):25792-25803. 9. Zhang S, Zhu Y-T, Chen S-Y, He H, Tseng SCG. *J Biol Chem.* 2014;289(19):13531-13542.

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