

Organogenesis  
NuShield®  
Sterilized, Dehydrated Placental Allograft

Most Complete.  
Retains all native layers.



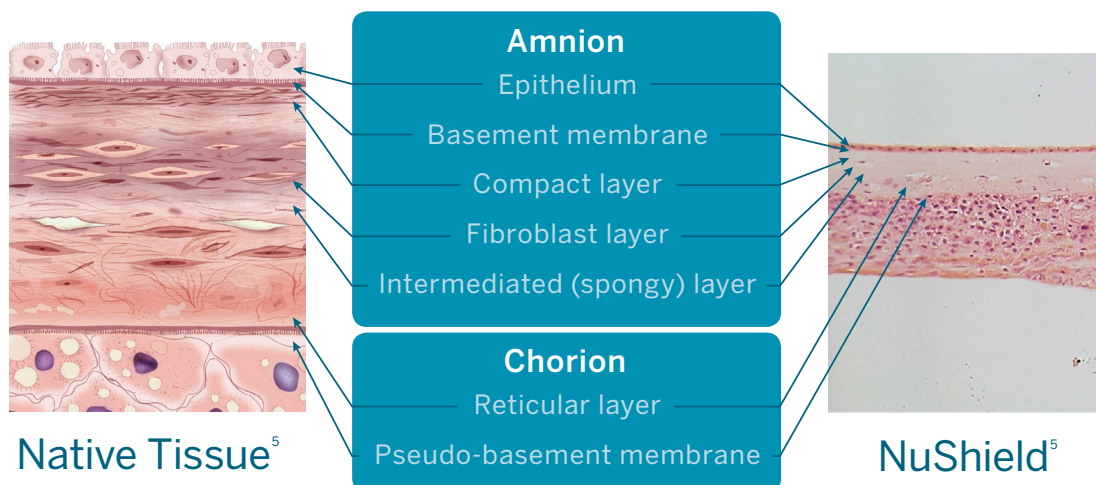
Support an environment for healing with the most complete, uniquely processed, dehydrated placental allograft, for use in surgical barrier applications or as a wound covering.<sup>1-4</sup>

# Complete layers set NuShield apart

NuShield<sup>®</sup> is the most complete, shelf-stable, dehydrated placental allograft barrier that supports an environment for healing with its unique preservation method.<sup>1,3,6,7</sup>

## The unique preservation method retains all native layers<sup>3</sup>

NuShield undergoes a novel preservation method, known as LayerLoc<sup>™</sup>. LayerLoc<sup>™</sup> retains all native layers of the placental membrane, including the amnion and chorion with the spongy layer intact.<sup>1,3,5</sup> This allows NuShield to serve as a physical barrier, while also preserving numerous growth factors and cytokines that are native to placental tissues.<sup>1,5,6</sup>



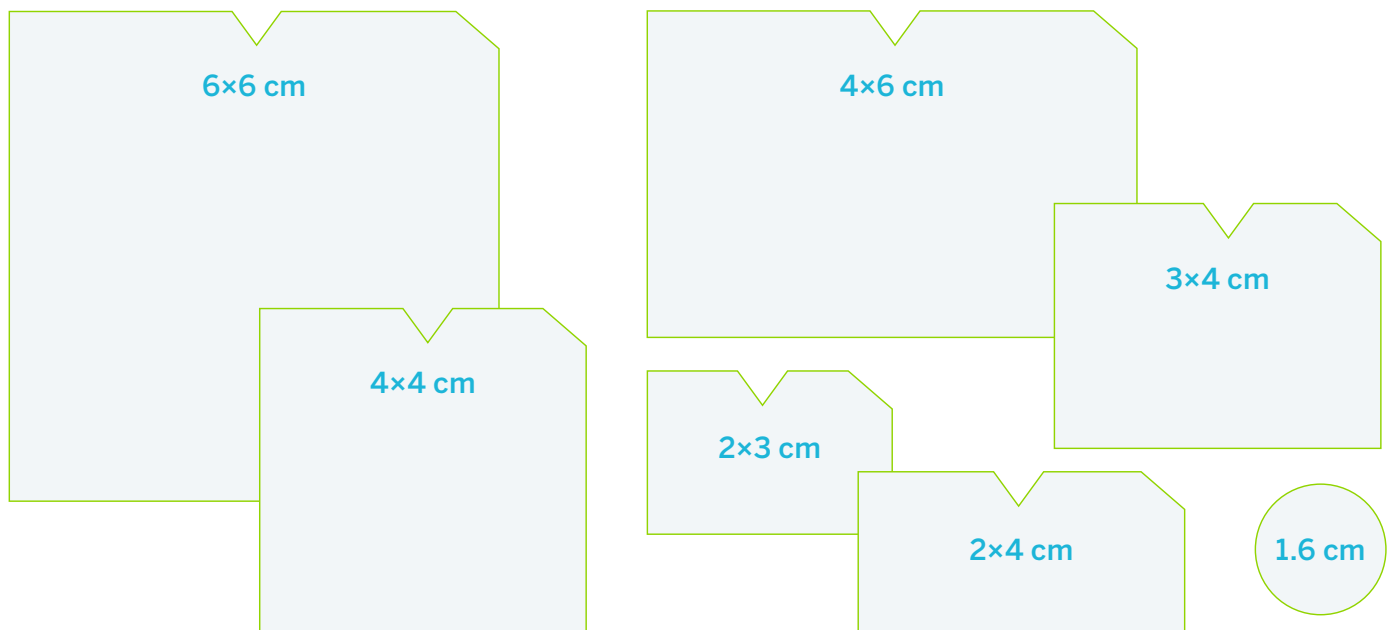
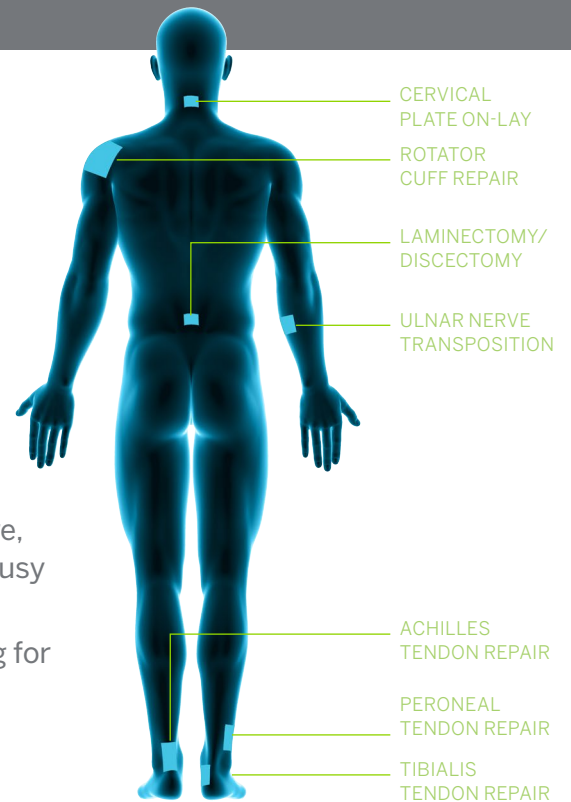
# Placental membranes work in everyday, diverse applications<sup>2,8-10</sup>

## Varied barrier applications include:<sup>4,10</sup>

- Direct application
- Wrapping or suturing around tendons
- On-lay graft to protect tendons and nerves

## As a shelf-stable, placental allograft, NuShield:

- Has a 5-year shelf life and is stored at room temperature, streamlining logistics and saving preparation time for busy clinical practices
- Is available in a wide range of shapes and sizes, allowing for flexibility and thus minimizing product wastage
- Can be used as a surgical barrier or wound covering, including wounds with exposed bone and tendon<sup>8</sup>



# NuShield<sup>®</sup> Most complete. Retains all native layers.

## A notch above the ordinary allograft

- Notching in the middle and on one corner of the graft enables precise orientation, even when rehydrated
- When the middle notch is at the top, and the notched corner is to its right, then the upper side is epithelial and the side facing down is stromal. For most applications, orient the stromal side of NuShield so that it is facing down.
- Affords surgeons the convenience of the T.R.U.E. method: Top, Right, Upper side, Epithelial



## NuShield<sup>®</sup> Sterilized, Dehydrated Placental Allograft

Product Code	Product Description/Size
NO-1160c	NuShield 1.6cm Disc
NO-1230	NuShield 2cm × 3cm
NO-1240	NuShield 2cm × 4cm
NO-1340	NuShield 3cm × 4cm
NO-1440	NuShield 4cm × 4cm
NO-1460	NuShield 4cm × 6cm
NO-1660	NuShield 6cm × 6cm

**References:** 1. McQuilling JP, et al. Int Wound J. 2019;16(3):827-840. 2. Niknejad H et al. Eur Cells Mater. 2008;15:88-99. 3. Data on file. Description of BioLoc Process. Organogenesis Inc. 4. Caporusso J, et al. Wounds. 2019;31(4 Suppl):S19-S27. 5. McQuilling JP, et al. Wounds. 2017;29(6):E38-E42. 6. McQuilling JP, et al. Wound Repair Regen. 019;27(6):609-621. 7. Data on file. DR-0004. Organogenesis Inc. 8. NuShield Allograft Tissue Information and Instructions for Use. Canton, MA: Organogenesis Inc; 2019. 9. Pogozhykh, Olena, et al. Stem cells int. 2018 Jan 18;2018:4837930. 10. Gruss JS, Jirsch DW. Can Med Assoc J. 1978; 118(10):1237-1246.