



# MatriGRAFT<sup>®</sup>

## Iliac Crest Wedge

**Clinical Overview** Tricortical iliac crest wedge, designed to provide immediate structural support and restore segmental bone loss.

- Applications**
- High Tibial Osteotomies
  - Pelvic Osteotomies
  - Foot & Ankle Osteotomies
  - Fracture Management
  - Glenoid Reconstruction
  - Anterior Cervical Discectomy and Fusion
  - Corpectomy

- Features & Benefits**
- **Osteoconductive:** Natural bone matrix facilitates cell attachment and proliferation, and vascular in-growth.
  - **Structural:** Tricortical plate provides immediate structural support.
  - **100% Human Bone:** Can remodel with the patient's own tissue during the healing process.
  - **Pre-Hydrated:** Allograft bio-implants featuring Preservon<sup>®</sup> are stored in a fully-hydrated state at ambient temperatures. Preservon eliminates thawing and re-hydration time and does not require freezer storage or compromise the graft's inherent osteoconductive properties.<sup>1</sup>
  - **Sterile:** Sterilized using patented and proprietary Allowash XG<sup>®</sup> technology which provides a sterility assurance level (SAL) of 10<sup>-6</sup>, without compromising the graft's inherent osteoconductive properties.<sup>2</sup>
  - **Convenient:** Implant is pre-sized to fit a variety of applications and minimize prep time in the operating room.





## MatriGraft Iliac Crest Wedge

Ambient Storage\*/5 year shelf life

Height (mm)	Freeze-Dried	Preservon
6	ICW0.6	PICW0.6
7	ICW0.7	PICW0.7
8	ICW0.8	PICW0.8
9	ICW0.9	PICW0.9
10	ICW1	PICW1
12	ICW2	PICW2
15	ICW5	PICW5
18	ICW8	PICW8

Length: Small: 25 - 27 mm ▪ Medium: 28 - 30 mm ▪ Large: 31 - 35 mm  
36 mm or greater processed upon request

Thickness: 8 - 11 mm (increments of 1) ▪ 12 - 18 mm (increments of 2)  
20 or greater processed upon request

Height (mm)	Freeze-Dried	Preservon
20	ICWS	PICWS
25	ICW2.5	PICW2.5

Length: Medium: 28 - 30 mm ▪ Large: 31 - 35 mm  
36 mm or greater processed upon request

Thickness: 8 - 11 mm (increments of 1) ▪ 12 - 18 mm (increments of 2)  
20 or greater processed upon request

\*While ambient room temperature has not been defined by regulatory bodies, LifeNet Health would recommend storage at 2°C to 37°C with excursions of less than 24 hours up to 40°C. If an excursion outside this range occurs, please contact LifeNet Health.

Instructions for use available at [LifeNetHealth.org/IFU](https://www.lifenethealth.org/IFU)

### References

1. Samsell, B., Softic, D., Qin, X. et al. Preservation of allograft bone using a glycerol solution: a compilation of original preclinical research. *Biomater Res* 23, 5 (2019). <https://doi.org/10.1186/s40824-019-0154-1>.
2. Balsly CR, Cotter AT, Williams LA, Gaskins BD, Moore MA, Wolfenbarger L Jr. Effect of low dose and moderate dose gamma irradiation on the mechanical properties of bone and soft tissue allografts. *Cell Tissue Bank*. 2008;9(4):289-298. doi:10.1007/s10561-008-9069-0.

