MatriGRAFT®

Shafts

Clinical Overview

Cortical/cancellous shafts, designed to provide immediate structural support to restore segmental bone loss.

Applications

- Joint Arthroplasty
- Tumor Resection and Reconstruction
- Fracture Management
- Deformity Correction
- Corpectomy
- Anterior Cervical Fusion

Features & Benefits

- **Osteoconductive:** Natural bone matrix facilitates cell attachment and proliferation, and vascular in-growth.
- **Structural:** Cortical plate provides immediate structural support.
- **100% Human Bone:** Will remodel alongside patient's own tissue during the healing process.
- **Pre-Hydrated:** Allograft bio-implants featuring Preservon® 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.[1]
- **Sterile:** Sterilized using patented and proprietary Allowash XG® technology which provides a sterility assurance level (SAL) of 10^{-6}, without compromising the graft's inherent osteoconductive properties.[2]
- **Convenient:** Implant is pre-sized to fit a variety of applications and minimize prep time in the operating room.

LifeNet Health®
Saving Lives. Restoring Health. Giving Hope.

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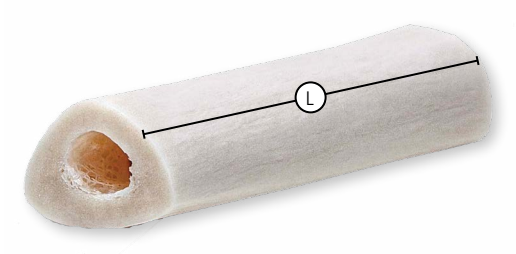

MatriGraft Femoral Shaft

Freeze-Dried and Preservon: Ambient Storage*/5 Year Shelf Life | Frozen: Store between -40°C and -80°C/5 Year Shelf Life

Length (mm)	Freeze-Dried	Frozen	Preservon
60	FEM 6.0		PFEM 6.0
100	FEM	FFSS	PFEM
200 or ›		FFS	

MatriGraft Femoral Shaft

Freeze-Dried and Preservon: Ambient Storage*/5 Year Shelf Life | Frozen: Store between -40°C and -80°C/5 Year Shelf Life

Length (mm)	Freeze-Dried	Frozen	Preservon
20	FIB 2.0		PFIB 2.0
40	FIB 4.0		PFIB 4.0
50		FFIB 5.0	
60	FIB 6.0		PFIB 6.0
80	FIB80		PFIB 8.0
100	FIB	FFIB 10	PFIB
150		FFIB	
200 or ›		FFIBS	

MatriGraft Tibial Shaft

Freeze-Dried: Ambient Storage*/5 Year Shelf Life
Frozen: Store between -40°C and -80°C/5 Year Shelf Life

Length (mm)	Freeze-Dried	Frozen
60	TIB 6.0	
100	TIB	FTSS
200 or ›		FTS

MatriGraft Humeral Shaft

Frozen: Store between -40°C and -80°C/5 Year Shelf Life

Length (mm)	Frozen
120	FHSS

Instructions for use available at **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, Wolfinbarger 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.

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