



Optium® DBM

Putty and Gel

Clinical Overview

Optimally demineralized[1-4] putty and gel that provides a natural osteoconductive scaffold and osteoinductive potential to encourage bone healing and fusion.

Applications

These products are indicated for bony voids or gaps that are not intrinsic to the stability of the bony structure. They are indicated to be placed into bony voids or gaps of the skeletal system (eg. extremities, spine, and pelvis). These defects may be surgically created osseous defects or osseous defects created from traumatic injury to the bone. These products provide a bone void filler that remodels into the recipient's skeletal system.

Features & Benefits

- **Osteoinductive Potential:** Demineralized using proprietary PAD® technology that targets optimal residual calcium levels of 2% without compromising the grafts inherent osteoconductive properties.[1-4]
- **Excellent Handling Properties:** Moldable putty and flowable gel are designed to conform to the defect site.
- **Osteoconductive:** Natural bone matrix facilitates cell attachment and proliferation.[5]
- **Sterile:** Sterilized using proprietary and patented Allowash XG® technology which provides a sterility assurance level of 10^{-6}, without compromising the graft's inherent osteoconductive properties or osteoinductive potential.[6,7,18]
- **Proven Carrier:** DBMs using glycerol as a carrier have extensive published clinical history and have proven safe and effective in bone void filling applications.[8-16]
- **Final Lot Testing:** Every donor lot of final graft material is tested for osteoinductive potential using the nude rodent assay developed by Marshal Urist.[19]
- **Ready-to-Use:** No rehydration or thawing required, saving valuable operating room time.
- **Versatile:** Available as putty or gel in multiple volumes to meet surgical needs.

Grafts not available in all markets.

LifeNet Health® Biologics

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Optium DBM Putty	
Ambient Storage*/3 Year Shelf Life	
Volume	**Order Code**
1 cc	TPUT01
2.5 cc	TPUT02
5 cc	TPUT05
10 cc	TPUT10

Optium DBM Gel	
Ambient Storage*/3 Year Shelf Life	
Volume	**Order Code**
1 cc	TGEL01
5 cc	TGEL05
10 cc	TGEL10

*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**

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EX-1229.01

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