

- The product is sterilized by ethylene oxide gas.
- Store at ambient temperature (4 to 40°C or 39 to 104°F).
- Available as 2 vials of 0.25gm each.

Manufactured & Marketed by



Fremont, CA, USA

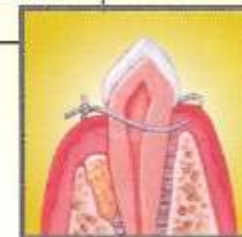
Tel. +1-510-659-1466 Fax. +1-510-795-7571

e-mail: Info@encoll.com

"Intended for Expert"

"Product of Patented American Technology"

# OSSEOGRAFT<sup>TM</sup> (DMBM)



## BONE VOID FILLER

### CHARACTERISTICS

OSTEOINDUCTIVE & OSTEOCONDUCTIVE  
 TOTALLY RESORBABLE • EASY TO PLACE  
 INHIBITS NON-OSTEOGENIC CELLS • EASY TO HANDLE  
 INEXPENSIVE FOR ITS QUALITY

# OSSEOGRAFT™/DMBM

## BONE REGENERATION MATERIAL

High purity Type-I collagen derived from bone is essential for tissue regeneration and remodelling in any osseous defect. Osseograft/DMBM is one such de-mineralized bone derived Type-I collagen for bone void filling applications.

### SPACE MAINTAINER

De mineralized bone matrix (DMBM) is a traditionally used space filler for any bony defect. Osseograft is a bio-compatible demineralized bone derived Type-I collagen for bone space filling purposes. It may be considered better bio-active than any mineral grafts.



### TOTALLY RESORBABLE

Generally the material is totally resorbed with-in 6-12 weeks. It is possible to modulate the resorption time to the regenerative need by changing the powder-fluid ratio.

### OSTEOINDUCTIVE & OSTEOCONDUCTIVE

The resulting material after admixing with water becomes an excellent scaffold through its 250micron particle size and the porosity for the growth of new blood vessels and Osteogenesis. New bone deposition occurs simultaneously with material resorption. The American patented technology adds better bio compatibility and bio activity for this Osseograft.



### COST-EFFECTIVE

Many bone defects are large, and extensive amounts of material are required.

The high cost of other effective bone regenerative materials may discourage their utilization. OSSEOGRAFT/DMBM is relatively in-expensive for even large defects.

### CLINICAL DATA

The human clinical results at 4 months show a good outcome in terms of complete bone regeneration and representation of the implanted OSSEOGRAFT/DMBM. The resulting product is proven effective over any pure inorganic compounds of calcium or other mineral only graft materials.

### EASY TO HANDLE AND PLACE

Often it is difficult to shape and place bone filling materials. Irregular defect shapes often lead to the dislodgement and exposure of the regenerative material. OSSEOGRAFT/DMBM has a natural cohesiveness to form a sticky consistency and can be easily placed to accommodate to the shape.



#### STEP 1

Deposit the necessary quantity of the product in a sterile dish and add few drops of sterile saline solution or water. Mix until the material has a pasty consistency. If excess water added, remove the liquid by sterile gauze.



#### STEP 2

Small amounts of the mixture are introduced into the defect successively in portions. Each layer is then compressed gently to fill the void in the bone.



#### STEP 3

Position the edges of the gingival tissue and suture. No primary closure of the flap is necessary; secondary intention healing will normally produce an excellent result.