



## ***The Strength You Need For The Stability You Want***

- ***Enhances Bone Graft Material Handling***
- ***Stabilizes And Binds Bone Grafts***
- ***Resorbs At The Rate Of New Bone Growth (4–8 Weeks)***
- ***Osteoconductive***
- ***Complements BIOMET 3i's Family Of Bone Graft Products***

Calcigen™ Oral is medical-grade calcium sulfate (CaSO<sub>4</sub>) in powder form. When mixed with graft material, it provides added strength, leading to optimal stabilization in extraction sites. The Calcigen Oral Powder, packaged in a 1.5 gram vial with a 0.80 cc setting agent, is easy to mix and apply.

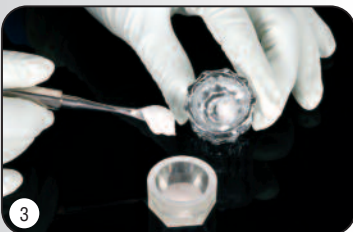
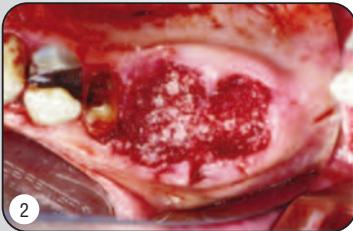
For all the facts on Calcigen Oral or to place an order (product CAL150), call 1-800-342-5454, 1-561-776-6700 or visit [www.biomet3i.com](http://www.biomet3i.com).



# Mixing Protocols For Extraction Site Grafting

## Cap / Barrier

With DFDBA, FDBA, HA or Bovine Graft



**Calcigen™ Oral can be used as a graft material barrier when used together with other bone graft materials like DFDBA and HA products!**

1. The extraction sites are decorticated (have good bleeding) and degranulated.

2. Partially fill the defect site with graft material to within 3mm of the crest.

**Note:** Most graft materials require re-hydration prior to use. Please follow all product instructions to ensure optimal performance.

3. Mix the entire vial of Calcigen Oral Setting Agent (liquid - Potassium Citrate & Sodium Phosphate) thoroughly with the Calcigen Oral Powder.

4. Fill the remaining 3mm of the defect with the Calcigen Oral Putty. Do not over pack. Gently compress with a dry gauze. The putty will harden in 3-5 minutes. Primary closure is not necessary.

5. (a) Two week post-op, confirming epithelial migration for wound closure.  
(b) 4 1/2 months post-op.



**Calcigen Oral can be used as a graft material binder when mixed together with Biogran®. This protocol will create a bone graft paste that will resist graft material migration.**

1. The extraction sites are decorticated (have good bleeding) and degranulated.

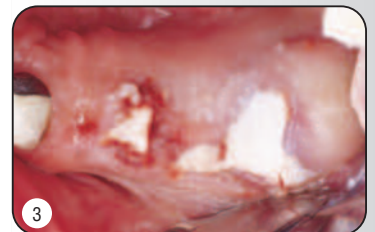
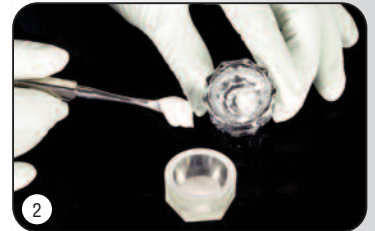
2. Mix the entire vial of Calcigen Oral Setting Agent (liquid - Potassium Citrate & Sodium Phosphate) thoroughly with the Calcigen Oral Powder. Mix in an equal or greater amount of Biogran up to a 4:1 ratio (see chart below).

3 Spoon the Biogran and Calcigen Oral Putty into the defect. Do not over pack. Gently compress with a dry gauze. The putty will harden in 3-5 minutes. Primary closure is not necessary.

4. One week post-op, confirming epithelial migration for wound closure.

## Bone Graft Binder

With Biogran



### Suggested Mixing Ratio

Graft Material	Calcigen Oral
MIN	1
MAX	4



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**To Receive Information About BIOMET 3i's Products, Services And Events By Email, Visit Our Website At [www.biomet3i.com/signup](http://www.biomet3i.com/signup)**

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