



The Protection You Need To Grow
OsseoGuard™ Resorbable Collagen Membrane

- *Unique Manufacturing Process Creates A Longer Resorption Profile Suited To GBR Procedures*
- *Fibrillar Matrix Structure Provides Strength For Tacking Or Suturing If Desired*
- *Excellent Handling Characteristics When Hydrated - Adaptable To Various Defects*



Nurture The Environment For Predictable Results

Clinicians can rely on the OsseoGuard™ Resorbable Collagen Membrane to provide predictable outcomes and ease of use during Guided Bone Regeneration (GBR) procedures. Designed for optimal strength, resorption and handling, the OsseoGuard Membrane can help regenerate a variety of defect sites. A unique manufacturing process creates a longer resorption profile and the membrane's fibrillar matrix structure provides strength for tacking or suturing. The OsseoGuard Membrane is biocompatible for implantation and the pure bovine Type I collagen, sourced from closed herds (tracked from birth), increases security.

The following clinical indications describe where the OsseoGuard Membrane can be applied as a protective barrier to support the process of bone regeneration in patients:

- **Localized Ridge Augmentation/Future Site Preparation**
- **Peri-Implant Bone Defects**
- **Extraction Sockets**
- **Bone Regeneration After Root Resection**
- **Sinus Window**

Clinicians Who Are Seeing Growth



"BIOMET *3i*'s OsseoGuard Guided Bone Regeneration Barrier has helped me deliver bone growth with easier use than the other barriers currently available."

– *Dr. Peter Shatz, United States*



"The OsseoGuard Membrane reconstitutes quickly and handles well when used for socket grafting procedures or on the lateral wall of the maxillary sinus window."

– *Dr. Lee Silverstein, United States*



"The consistency and tear resistance are very good, even when wet."

– *Dr. Roberto Cochetto, Italy*



"The use of this kind of membrane retains the bone graft inside the sinus and the membrane's great stiffness protects the schneiderian membrane."

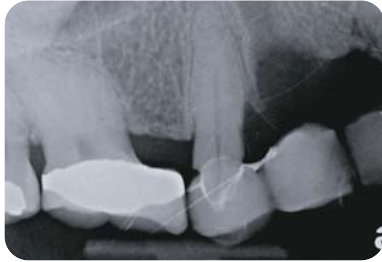
– *Professor José Calvo, Spain*



"The OsseoGuard Membrane has the best handling characteristics of any resorbable barrier I've used. Its stiffness makes it easy to insert and it remains in place with flap closure even without tacking."

– *Dr. Paul Ricchetti, United States*

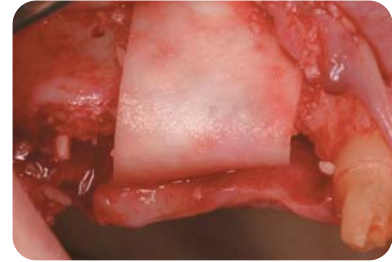
OsseoGuard™: A Case For Growing Bone



1. Pre-op radiograph shows a failing four-unit bridge and ridge defect.



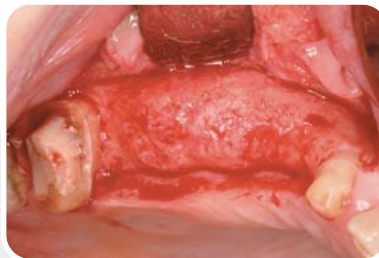
2. Flap reflection reveals large ridge defects at #5 and 6 edentulous sites.



3. Defects are grafted with freeze-dried mineralized bone allograft and covered with an OsseoGuard Membrane. Primary closure is achieved.



4. Healing after six weeks. Note excellent soft tissue response.



5. Re-entry at five months confirms significant bone regeneration.



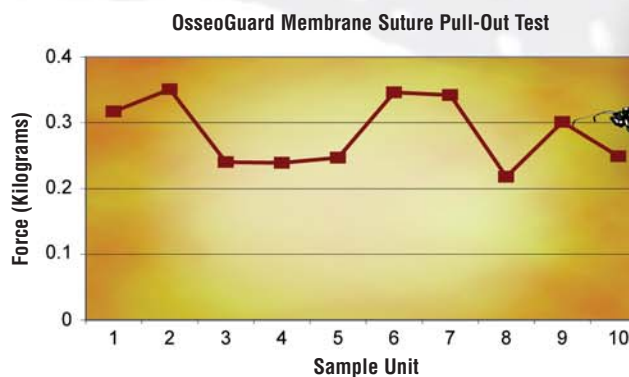
6. Post-op radiograph at five months demonstrates a regenerated ridge.

Case Study Provided By: Dr. Michael Sonick

Verified Lot-to-Lot Strength

In order to evaluate the strength of the OsseoGuard Membrane, a suture pull-out test is conducted by the manufacturer (Collagen Matrix, Inc.) on every lot of membranes produced.

A 3.0 suture is passed through the membrane about 3mm from the edge of the membrane. A knot is tied in the suture, leaving a loop to hook the suture onto a force gauge. The other end of the membrane is secured in a clamp. The suture is pulled at a rate of one inch per minute until the suture pulls out. The average force required to pull a suture out of the OsseoGuard Membrane from ten recent suture pullout tests is: .286kg +/- 0.090kg.



Ordering Information

OsseoGuard™ Resorbable Collagen Membrane

Size:
15mm x 20mm

Catalog Number
OG1520

Size:
20mm x 30mm

Catalog Number
OG2030

Size:
30mm x 40mm

Catalog Number
OG3040



The OsseoGuard Membrane Is Available In Three Convenient Sizes,
Is Double Sterile Packaged And Has A Shelf-Life Of Three Years

**For More Information On How To Grow Your Business With The OsseoGuard Membrane,
Call Your BIOMET 3i Representative Today**

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Manufactured By Collagen Matrix, Inc., Franklin Lakes, NJ

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