

OSSIX[®] VOLUMAX

OSSIX[®] VOLUMAX is a thick, cross-linked, ossifying collagen scaffold, which restores lost volume in guided bone regeneration (GBR) and guided tissue regeneration (GTR) procedures.



This collagen device has been designed to solve challenges and meet dental regeneration and implant needs.

OSSIX® VOLUMAX — For When You Need More

Featuring GLYMATRIX®

GLYMATRIX® is a proprietary collagen cross-linking technology, similar to the naturally occurring glycation process in the human body. The technology uses sugars to cross-link collagen molecules producing a collagen matrix, which can be tailored to deliver products of varying physical properties and customized longevity.

What is OSSIX® VOLUMAX?

OSSIX® VOLUMAX is a volumizing, thick collagen scaffold, featuring GLYMATRIX® technology:

- Thick and expands when wet
- Excellent handling, easy to use, adapts and adheres to the bone
- Undergoes rapid ossification (in CT scans and histology after one month)*
- Safe and effective

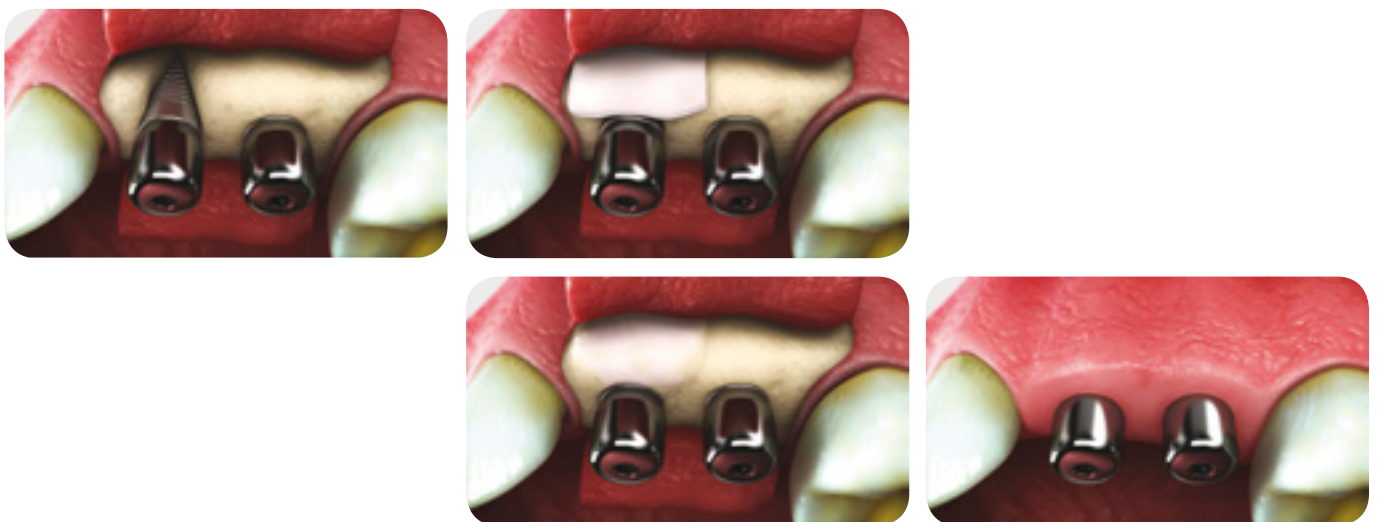
OSSIX® VOLUMAX Can Be Used:

- To correct dehiscence type defects in implants
- For extra volume in lateral and vertical bone augmentation procedures
- In lateral and vertical augmentation procedures
- In socket preservation following any extraction procedure
- In one-stage implant procedures to ensure sufficient buccal bone
- To augment soft tissue in implants, pontic sites, masking of implants etc. (replacing connective tissue grafts)

Please read IFU before use and for additional info on indications, contraindications, warnings and precautions

Be Prepared for the Unforeseen

You may encounter buccal dehiscence defects in either 1st or 2nd stage implant procedures. OSSIX® VOLUMAX is suitable for all stages.



* Alveolar Ridge Augmentation and Ossification of Thick vs. Thin Sugar Cross-linked Collagen Membranes in a Canine L-shape Defect Model, Zubery et al, AAP Research Forum Poster Session, 2016

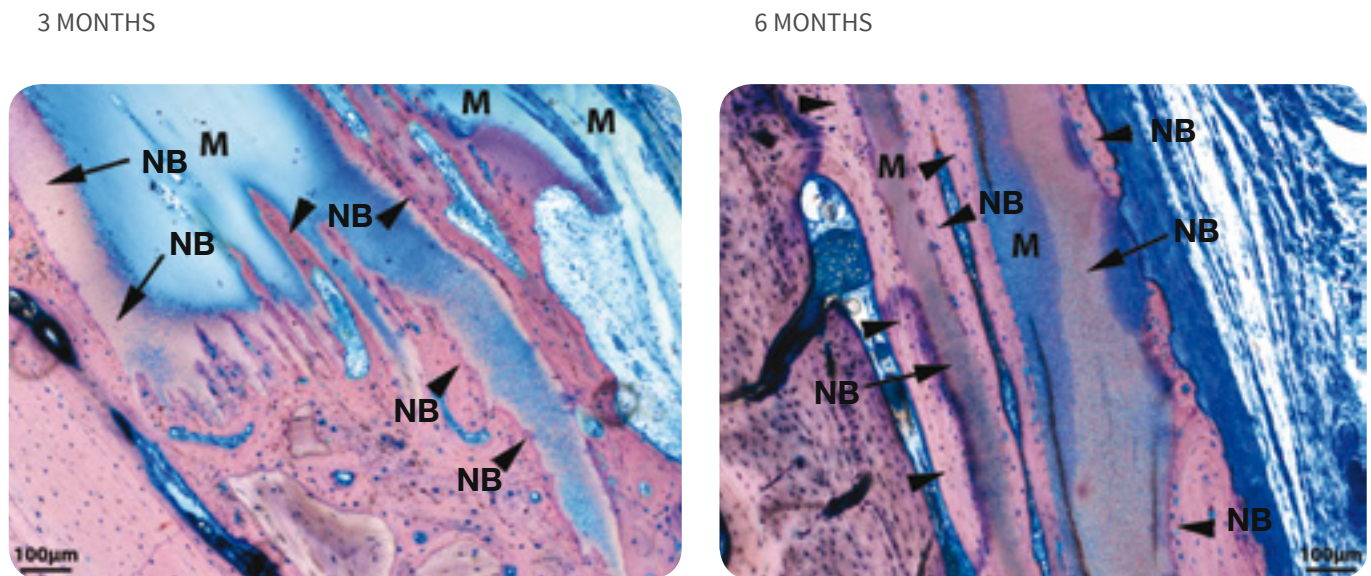
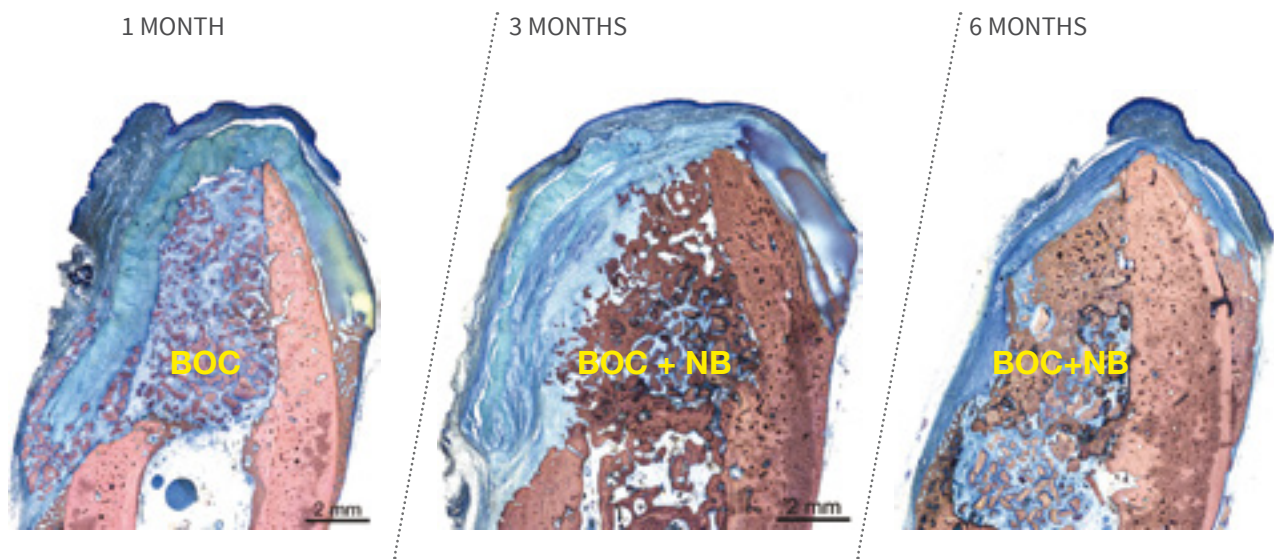
OSSIX® VOLUMAX — Ossification and Improved Bone Growth

Data clearly demonstrate statistically significant improved bone growth using OSSIX® VOLUMAX vs. empty controls. The results also show OSSIX® VOLUMAX's mineralization and ossification progress.

OSSIX® VOLUMAX provides an effective barrier for 6 months gradually integrating into adjacent tissues, and promotes restoration of the defects.

In contact with bone, OSSIX® VOLUMAX and OSSIX® PLUS share the unique quality of mineralization progressing into ossification.

OSSIX® VOLUMAX, being a thick scaffold (average of 1.5mm), has the potential to augment thin tissue around implants, esthetic deficiencies, and correct residual dehiscence after regenerative procedures.



NB = New Bone / M = OSSIX® VOLUMAX / BOC = Bio-Oss® Collagen

OSSIX® VOLUMAX is available in 4 sizes.

OSSIX® VOLUMAX is currently available in the USA, Canada, Europe and Korea.



Redefining Regeneration

OSSIX® VOLUMAX is part of the OSSIX® Dental line of premium products for GBR and GTR.

Featuring the same proven GLYMATRIX® technology, the OSSIX® PLUS resorbable collagen membrane maintains a barrier effect for 4-6 months and is resistant to degradation when exposed for 3-5 weeks. With over 100 peer-reviewed publications, it's the membrane that ossifies, supporting predictable results.

OSSIX™ GRAFT is our particulate allograft currently available in the USA and Canada.

About Datum Dental

Datum Dental Ltd., a subsidiary of Datum Biotech, was established in 2012 in order to develop, manufacture and market a full line of dental biomaterials for bone and tissue regeneration and augmentation.

Datum Dental's GLYMATRIX® technology is based on over 20 years of research, development, manufacturing and marketing. Hundreds of thousands of procedures have been performed using GLYMATRIX® based products in the dental and aesthetic fields, with an excellent record of efficacy and safety. This proprietary collagen cross-linking technology is highly controlled and predictable, producing collagen matrices with optimized bio-durability, high biocompatibility and excellent tissue regeneration properties.

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