

# OSSIX<sup>®</sup> Volumax

Volumizing, Ossifying  
Collagen Scaffold

For Guided Bone Regeneration (GBR) & Guided Tissue  
Regeneration (GTR) Procedures

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Powered by Clinically Proven  
GLYMATRIX<sup>®</sup> Technology



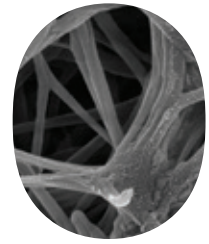
HESIRA<sup>™</sup>  
MED INC

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# OSSIX® Volumax – Volumizing, ossifying collagen scaffold

## Powered by GLYMATRIX® technology

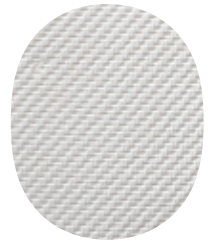
GLYMATRIX is a proprietary collagen cross-linking technology, similar to the naturally occurring glycation process in the human body. The technology uses sugars to cross-link collagen molecules producing a bioprogrammable collagen matrix, which can be tailored to deliver products of varying physical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



## OSSIX® Volumax features & benefits

OSSIX® Volumax is a volumizing, multi-layer collagen scaffold:

- Thick and expands when wet
- Excellent handling, easy to use, adapts and adheres to the bone
- Undergoes ossification (starts after one month)\*
- Safe and effective
- Can be used without bone graft (in some indications) to provide ~ 2 mm volume
- Positive effect on soft tissue quality
- May be folded/placed as double layer for extra volume (up to 4 mm)



*Look for this signature herringbone pattern on both sides of the device*

## OSSIX® Volumax can be used

- To correct buccal bone loss in 2<sup>nd</sup> stage implant surgery
- To correct dehiscence type defects around implants
- For extra volume in lateral and vertical bone augmentation procedures
- In socket preservation following any extraction procedure
- In one-stage implant procedures to ensure sufficient bone
- To augment soft tissue in implants, pontic sites, masking of implants etc. (replacing connective tissue grafts)



*Powered by GLYMATRIX technology, OSSIX® Volumax scaffold is a unique multi-layered collagen barrier*

## Using OSSIX® Volumax collagen scaffold



*2<sup>nd</sup> stage – OSSIX® Volumax placed folded on buccal concavity*



*Tension-free suturing*



*2 weeks healing*



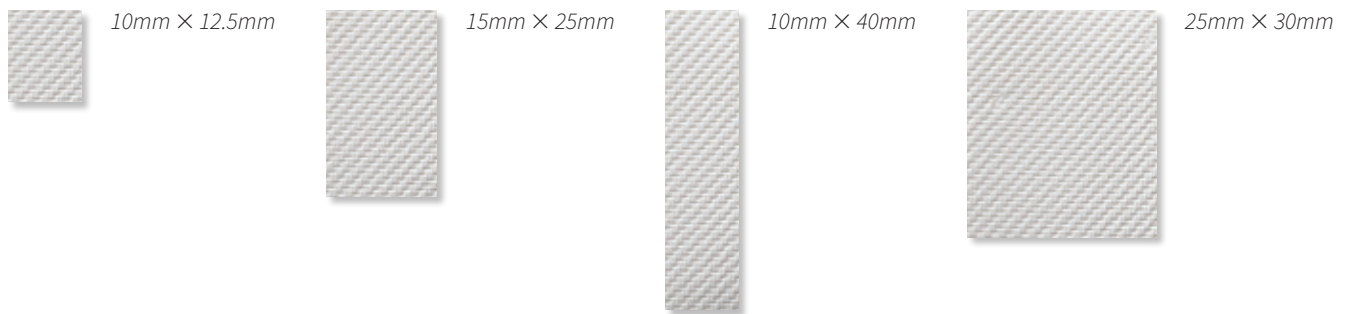
*8 months – significant volume augmentation and thick keratinized tissue*

*Courtesy: Dr. Roberto Abundo, DDS, Torino, Italy*

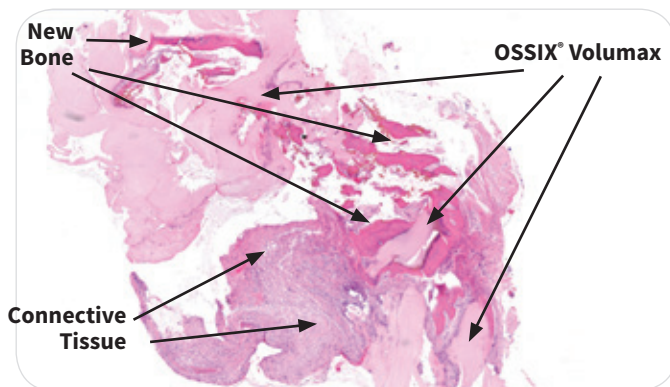
Please read IFU before use and for additional info on indications, contraindications, warnings and precautions.

# OSSIX® scaffold for GBR & GTR procedures

OSSIX® Volumax is available in 4 sizes



Human histology of OSSIX® Volumax at 5 months – Ossification & improved bone growth



*New bone formation with OSSIX® Volumax after 5 months*



*Ossification occurs both around and within OSSIX® Volumax*



*Detailed analysis of the region demonstrates presence of newly formed bone tissue that appears to directly ossify the OSSIX® Volumax collagen scaffold*

*Courtesy: Dr. Yuval Zubery, DMD, Ramat Hasharon, Israel*

OSSIX® can be ordered online at [HesiraMed.com](https://www.HesiraMed.com)

# HESIRA™ MED INC



Winner DrBicuspid Dental Excellence Award Best New Restorative Material (2017), selected by readers & expert panel.

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**OSSIX® Volumax** is a biodegradable collagen scaffold, obtained by standardized and controlled manufacturing procedures. Health Canada and FDA cleared, CE marked.

**OSSIX® Plus** is a biodegradable collagen membrane, obtained by standardized and controlled manufacturing procedures. Health Canada and FDA cleared, CE marked.

**OSSIX™ Bone** sponge-like block obtained by standardized and controlled manufacturing procedures. Health Canada and FDA cleared, CE marked.