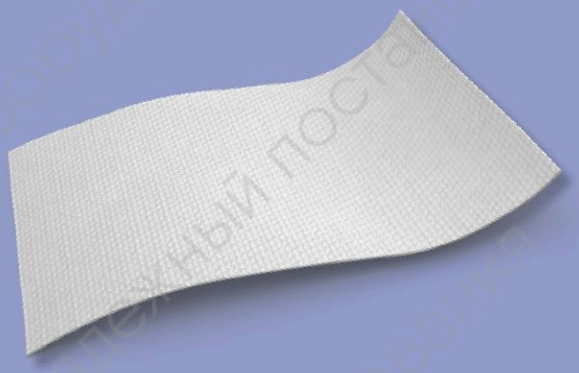
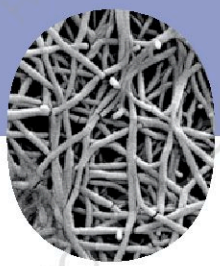
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OSSIX® Plus

Ossifying Collagen Barrier Membrane

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

Powered by Clinically Proven GLYMATRIX® Technology

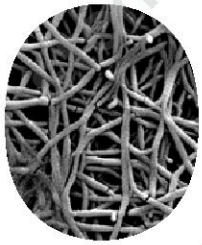
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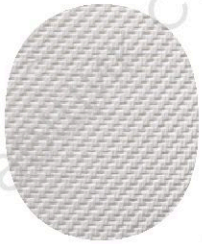
OSSIX® Plus - Ossifying Collagen Barrier

Powered by GLYMATRIX® Technology



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

OSSIX Plus Features & Benefits



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

OSSIX Plus is a resilient resorbable collagen barrier membrane:

- Maintains barrier functionality for 4-6 months
- Resistant to degradation when exposed for 3-5 weeks
- Excellent handling properties, adapts and conforms to defects, and adheres well to tissue
- Porcine derived, provides excellent biocompatibility

OSSIX Plus is Intended for Use During GBR & GTR Procedures

- Ridge augmentation for later implant insertions
- Simultaneous ridge augmentation and implant insertions
- Ridge augmentation around implants inserted in delayed extraction sites
- Ridge augmentation around implants inserted in immediate extraction sites
- Alveolar ridge preservation consequent to tooth (teeth) extraction(s)
- Over the window in lateral window sinus elevation procedure
- In implants with vertical bone loss due to infection, only in cases where satisfactory debridement and implant surface disinfection can be achieved
- In intra bony defects around teeth
- For treatment of recession defects, together with coronally positioned flap
- In furcation defects in multi-rooted teeth

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

OSSIX Plus Ossifying Barrier Membrane Long-Term Results: 13 Year Post-op



Lateral Ridge Augmentation
L-R: Pre-op, procedure, and 13 years post-op
Courtesy of Bach Le, DDS, MD, FICD, FACD

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Membrane for GBR & GTR Procedures

Barrier Function with True Ossification

Ossification is defined as the formation of bone, the state of being changed into a bony substance. OSSIX Plus is the only barrier membrane that ossifies.

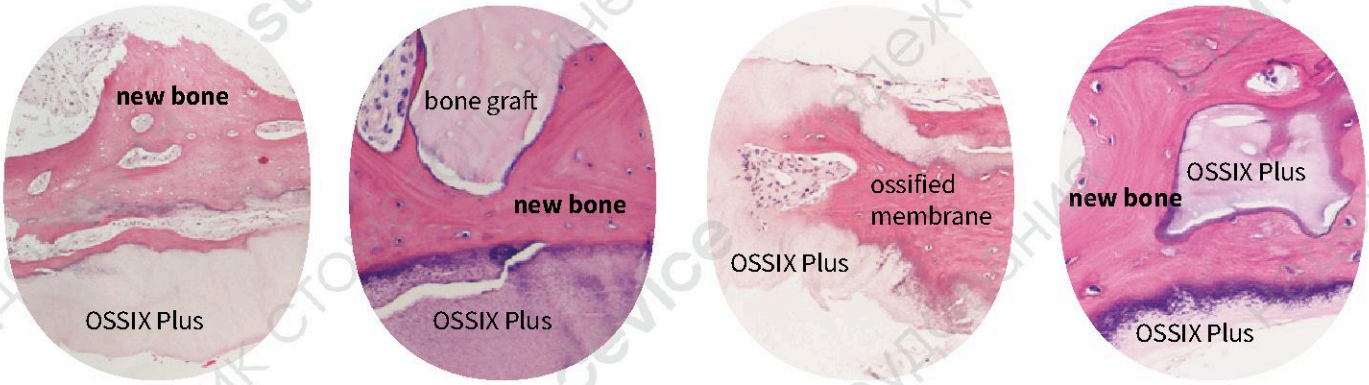
Long-Term Effect on Bone Formation



8/2011 *1/2012* *12/2015* *8/2016*

Long-term follow-up of OSSIX Plus barrier membrane ossification up to 5 years post-op.

Human Histology 4-6 Months Post-op



Human histology at 4-6 months post-op shows bone promotion and ossification of OSSIX Plus barrier membrane

OSSIX Plus the Only Ossifying Barrier Membrane — Supporting Publications

To the best of our knowledge, these are the first reports of complete ossification of a collagen barrier membrane in GBR procedures.

- Zubery et al. (2007). Ossification of a novel cross-linked porcine collagen barrier in guided bone regeneration in dogs. J Periodontol 78:112- 121.
- Zubery et al. (2008). Ossification of a collagen membrane cross-linked by sugar: a human case series. J Periodontol. 79:101-1107.
- Tal H, Kozlovsky A, Artzi Z, Nemcovsky CE, Moses O. (2008) Long-term bio-degradation of cross-linked and non-cross-linked collagen barriers in human guided bone regeneration. Clin Oral Implants Res. 19(3):295-30.
- Capri G, Smukler H, Landi L. (2012) A less invasive approach to mandibular horizontal ridge augmentation using autogenous bone: A human histological case series. The Journal of Implants and Advanced Clinical Dentistry 4:27-36.
- Artzi Z, Weinreb M, Carmeli G, Lev-Dor R, Dard M, Nemcovsky CE. (2008) Histomorphometric assessment of bone formation in sinus augmentation utilizing a combination of autogenous and hydroxyapatite/biphasic tricalcium phosphate graft materials: at 6 and 9 months in humans. Clin. Oral Impl. Res. 19; 686–692.

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Ordering Information

OSSIX Plus is currently available in countries on all continents including the USA, Europe, Argentina, Canada, Chile, Colombia, Dominican Republic, Hong Kong, India, Israel, Korea, Mexico, Russia, Singapore, and Taiwan.

OSSIX Plus is available in 3 sizes:

Description & Size	Reference No.	Catalog No.
OSSIX Plus 15x25 mm	OXP1525	700064
OSSIX Plus 25x30 mm	OXP2530	700200
OSSIX Plus 30x40 mm	OXP3040	700201

Datum Dental at a Glance

Datum Dental Ltd., a subsidiary of Datum Biotech, provides innovative dental regeneration products, aiming to support and enhance the future of implantology and oral care. Its patented GLYMATRIX core technology, a sugar cross-linking collagen biomaterial, is clinically proven in over 100 scientific publications with extensive clinical experience spanning two decades. Powered by GLYMATRIX, the OSSIX product family has enabled clinicians in hundreds of thousands of procedures worldwide to safely provide predictable, long-term results to their patients. Datum Dental continues to develop new products for GBR and GTR that simplify procedures and overcome major deficiencies in existing biomaterials through safe and transformational solutions.

Global Partners

USA:

Dentsply Sirona Implants, MIS Implants Technologies Inc., Orapharma, Inc., Sweden & Martina Inc.

Outside of USA:

Andes HSG, Bicon Singapore, Conectores Osteomaxilofaciales, Dentsply Sirona Implants (Turkey, UK), H&A Systems Ltd., Haitech Group, Hesira Med Inc., Medtech Esthetics LLC, Memodent B.V., Merfol Kft., MIS Implants (Belgium, Colombia, Romania, South Africa), P. Sideris & Co. E.E. - PS Team, Purgo, REGEDENT, Salugraft Dental, Sweden & Martina SpA, Syncrotech, VitalTech.

Everything we do is designed to give nature its best chance

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For more information on OSSIX regenerative products and activities in your region:

www.ossixdental.com

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