Ossifying collagen barrier membrane

Supporting predictable results

Ossix Plus® membrane hydrated and adapted* into position.

Ridge too narrow for implant placement.

Suitable ridge width achieved after 6 months, which allowed for implant placement.

About Dentsply Sirona Implants
Dentsply Sirona Implants offers comprehensive solutions for all phases of implant therapy, including Ankylos®, Astra Tech Implant System® and Eos®, combined with digital technologies, such as Atlantis® patient-specific solutions and Simplant® guided surgery, and professional and business development programs, such as STEPPS™. Dentsply Sirona Implants creates value for dental professionals and allows for predictable and lasting implant treatment outcomes, resulting in enhanced quality of life for patients.

About Dentsply Sirona
Dentsply Sirona is the world’s largest manufacturer of professional dental products and technologies, with a 130-year history of innovation and service to the dental industry and patients around the world. Dentsply Sirona’s innovative and comprehensive portfolio of products is supported by its R&D Centre in York, Pennsylvania, and the global headquarters of the Dental Solutions Company™ is located in Wolfsburg, Austria. The company’s shares are listed in the United States on NASDAQ under the symbol XRAY. Visit www.dentsplysirona.com for more information about Dentsply Sirona and its products.

Redefining regeneration


OSSIX® Plus

What is OSSIX® Plus?

With over 100 scientific publications, this resorbable collagen membrane has been used in hundreds of thousands of cases for over a decade.

Featuring GLYMATRIX® Technology

GLYMATRIX Technology 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.

OSSIX Plus is a resilient resorbable collagen membrane, featuring GLYMATRIX technology:

• Maintains barrier functionality for 4–6 months1.
• Resistant to degradation when exposed for 3–5 weeks2.
• Excellent handling properties, adapts and conforms to defects, and adheres well to tissue.
• Porcine derived, which provides excellent biocompatibility.

Guided Bone Regeneration (GBR) and Guided Tissue Regeneration (GTR)

• 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.

Guided Bone Regeneration

Symbios® + OSSIX® from Dentsply Sirona

Together, Symbios and OSSIX are redefining regeneration and will make this combination portfolio a desired choice for regenerative industry leaders.

Staying true to nature, the Symbios portfolio of products provide options for tissue quantity and quality, achieving a stable foundation for esthetic clinical outcomes. OSSIX, the ossifying brand, features the proprietary, natural cross-linking GLYMATRIX technology in OSSIX® Plus, OSSIX® Volumax and OSSIX™ Bone, with documented, long-term results.

OSSIX® Plus ossification – Supporting publications

Reports of complete ossification of a collagen barrier membrane in GBR procedures.


Symbios® + OSSIX® from Dentsply Sirona Implants – Regeneration inspired

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OSSIX® Plus is available in 3 sizes

- 15 x 25mm
- 25 x 30mm
- 30 x 40mm

Please read Instructions For Use before use and for additional information on indications, contraindications, warnings and precautions.

What is ossification?

Ossification is defined as the formation of bone, the state of being changed into a bony substance.

Long term effect on bone formation

Human histology 4–6 months Post-op

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Long term effect on bone formation

OSSIX® Plus ossification – Supporting publications


Human histology

- 4–6 months Post-op

Graft in place.

Implant placed after 6 months.

Healing and bone level maintained after 3+ years.
OSSIX® Plus

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- Axial or lateral 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.
- Infrabony defects around teeth.
- For treatment of recession defects, together with coronally positioned flap.
- In furcation defects in multi-rooted teeth.

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OSSIX® Plus ossification — Supporting publications

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Photographs courtesy of Dr. Barry Levin, Periodontist (Jenkintown, PA).

* It is not recommended to suture or tack the membrane.

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