

# OSSIX™ Bone

**TIPS FOR FIRST TIME USERS: LATERAL AUGMENTATION**

## Ossifying Collagen Sponge

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Thank you for choosing OSSIX™ Bone,  
a highly sugar cross-linked, collagen spongy matrix.

## Please refer to the OSSIX™ Bone IFU for full product information, indications and contraindications. [LINK](#)

**OSSIX™ Bone is a sugar cross-linked, mineralized collagen spongy matrix.**

OSSIX™ Bone is recommended for use in the following cases (for new users - in this order):

1	Socket preservation – can be used without a membrane
2	Sinus elevation (crestal approach) – can be used without a membrane
3	Lateral/vertical augmentation (in cases with sufficient supporting bone)
4	Lateral Sinus elevation

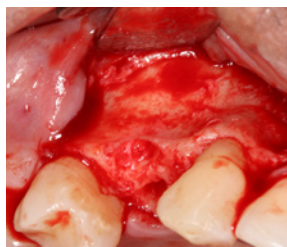
\* Indications 3-4 require the use of membrane for stabilization.

**It is recommended to start with simple cases and get familiar with the material's behaviour and handling features.**

### How to Use OSSIX™ Bone in Horizontal / Lateral Augmentation

1	Confirm the shape of the horizontal defect by CBCT.
2	Design the incision and lifting of a full thickness flap.
3	Subject to the amount of remaining bone, the implant(s) may or may not be installed.
4	With or without implants, perform periosteal release in the vestibular flap and pocket in the palatal or lingual area.
5	Identify the periosteum located in the vestibular apical zone to the periosteal release zone and perform the first suture step, keeping the suture needle in a safe and identified place.
6	It is recommended to perforate the cortical plate to enhance regeneration capability on site.
7	Choose the appropriate OSSIX™ Bone size/quantity, depending on the size of the defect.
8	Open the sterile package of OSSIX™ Bone.
9	To trim OSSIX™ Bone to the desired size: hold it with sterile forceps and trim it with sterile scissors or a scalpel.
10	Gently place OSSIX™ Bone at the site using dental forceps and shape it until fully soaked with the patient's blood.
11	Cover the site with an OSSIX® Plus membrane.
12	Once the membrane is placed, use the previously made suture to stabilize the materials and complete the periosteal suture that will also be anchored in the palatal or lingual area. Perform tension-free primary closure sutures.
13	If necessary, you may add more material to the side areas where the membrane is open and raised. This will provide more volume to the reconstruction.

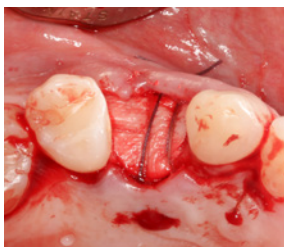
## Lateral Augmentation with OSSIX™ Bone



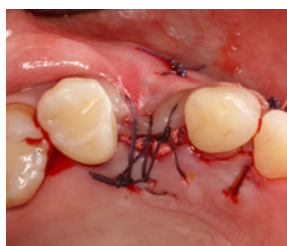
*Buccal Concavity*



*OSSIX™ Bone placed on buccal concavity and socket, hydrated in blood*



*OSSIX® Plus over OSSIX™ Bone*



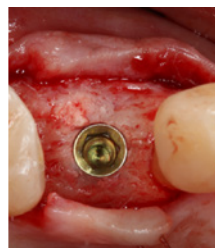
*Tension-free suturing with intentional membrane exposure*



*5 months healing with thick keratinized tissue*



*5 months – bone volume achieved; implant placed in an ideal position*



## General Guidelines for OSSIX™ Bone Sizes in Different Procedures

- **Small size, 5x5x5 mm** – a single rooted tooth socket preservation, one implant trans-crestal (osteotome) sinus elevation, single rooted tooth immediate implant with a gap to bony walls, single tooth or implant bone defect, single tooth concavity.
- **Medium size, 5x5x10 mm** – a multi rooted tooth socket preservation, two implants trans-crestal (osteotome) sinus elevation, one or two teeth or implants lateral ridge augmentation.
- **Large size, 5x10x10 mm** – large size bony defect following removal of teeth, implants, cysts etc, large span lateral bone augmentation.

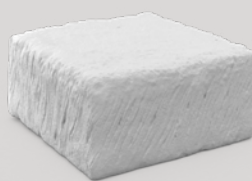
## OSSIX™ Bone Sizes



5x5x5



5x5x10



5x10x10

## WHY OSSIX®?

OSSIX® safe and effective regenerative solutions are set to change the way you work and the way your patients feel. Our safe and proven OSSIX® solutions for GBR and GTR significantly reduce the need for repeated procedures, simplify complex procedures, and are cost-effective. Your patients will benefit from enhanced healing, being able to quickly return to their routine – both contributing to a higher compliance rate.

Leading dental surgeons frequently use OSSIX® Regenerative Solutions and vouch for their simplicity and efficacy. Trusted over more than 20 years, OSSIX® is the go-to solution for a wide variety of procedures.

## MORE TIPS FOR YOU

