OSSIX™ Bone

TIPS FOR FIRST TIME USERS: SOCKET PRESERVATION

Ossifying Collagen Sponge

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

Dentsply Sirona | datumdental

OSSIX™ Bone is a cross-linked, mineralized collagen spongious matrix.

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) – no membrane needed
3	Lateral/vertical augmentation (in cases with sufficient supporting bone)
4	Lateral sinus elevation

* Indications 3-5 will require a membrane for stabilization.

Start with simple cases and learn the new material's behavior and qualities.

This document is focused on guidelines for use in socket extraction sites.

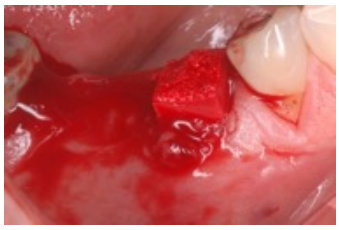
Please refer to OSSIX™ Bone IFU for full information on indications and contraindications. LINK

1. Extraction & Site Preparation

- Carefully extract the tooth.
- Remove all granulation tissue.

2. OSSIX™ Bone Placement

- **Open** the sterile package.
- **Trim** by holding OSSIX™ Bone with sterile forceps and trimming with sterile scissors or scalpel.
- Hold at the socket orifice until fully soaked with patient's blood.
- OSSIX™ Bone should always be used while hydrated and should not be manipulated when dry.
- Applying pressure when dry could cause OSSIX™ Bone to break/crumble (in such case, push all fragments into the socket).
- Do not hydrate OSSIX™ Bone with saline solution.
- **Push gently into the socket** until fully submerged.
- **Position** OSSIX™ Bone so it is leveled with the original bone crest.
- **Suture** over with minimal tension.
- **No membrane is needed.**



3. Post-Op Instructions

- As is common following regenerative procedures, antibiotic coverage is advised.
- Patient should rinse with salt water for one week.
- Avoid hard or hot food (similar to standard post-extraction instructions).
- Following suture removal, patient should rinse with chlorhexidine for one minute twice a day or according to the chlorhexidine manufacturer's instructions.

4. Reopening the Site for Implant Placement:

- Recommended timing: 15-19 weeks for small sockets, and at least 22 weeks for large sockets.
- Perform radiograph/CBCT. OSSIX™ Bone will be visible in radiograph and will be slightly radiolucent (and not like not like particulate bone graft). Refer to Case 1 below.
- Device will be partially ossified (chalky white appearance).
- Remnants should not be removed – the product continues to ossify over time.
- During drilling, OSSIX™ Bone might be less resistant to drilling than mature bone or conventional bone grafting materials. In such case perform under-drilling osteotomy.

Important:

When an implant is placed in a healed OSSIX™ Bone site or immediately (post-extraction) placed in OSSIX™ Bone, make sure that your implant is properly stabilized in original bone (>3mm) for standard osseointegration time.

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.

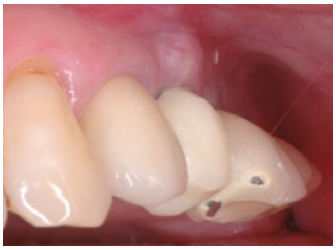
OSSIX™ Bone Sizes

5x5x5 5x5x10 5x10x10

OSSIX™ Bone Sample Cases - Socket Preservation

Case 1

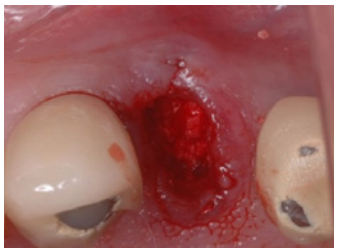
Before extraction



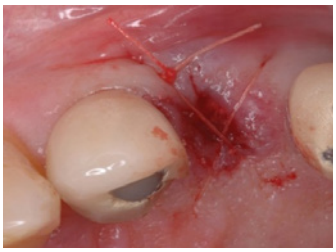
Before extraction

Before extraction

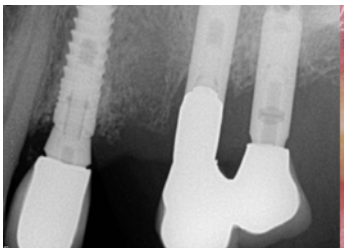
OSSIX™ Bone soaked at the site, in patient's blood



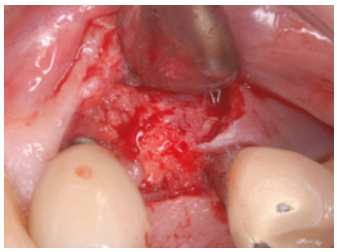
OSSIX™ Bone in socket

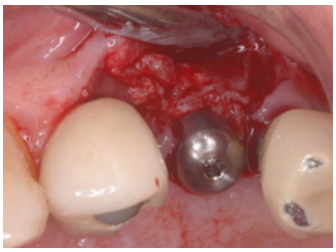


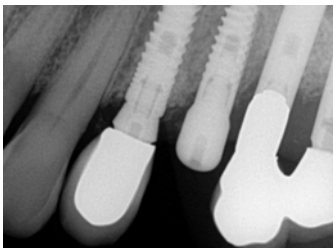
Suturing



3.5 months post extraction & OSSIX™ Bone placement

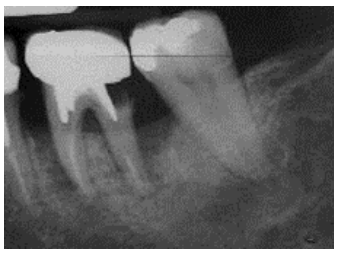




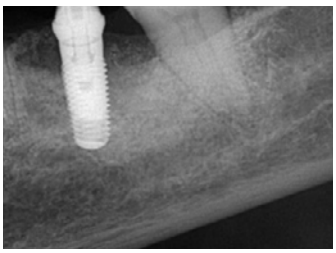


3.5 months post socket preservation - at implant placement

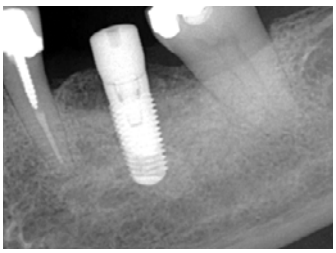
Case 2



Periodontal-endodontal lesion in tooth #19.
Following extraction and debridement, OSSIX™ Bone was placed in the socket.



4 months following socket preservation - implant placed in newly formed bone with a healing abutment



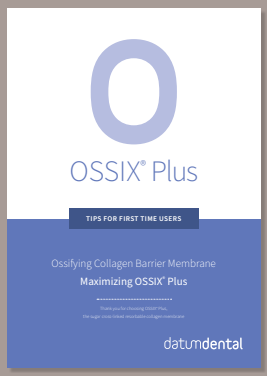
7 months – implant is fully integrated and ready to be restored

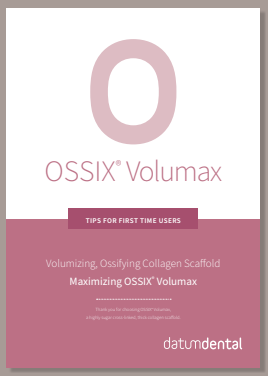
WHY OSSIX®?

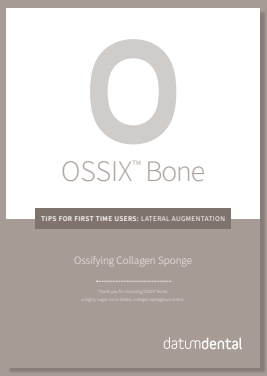
OSSIX® safe and effective regenerative solutions are set to change the way you work and the way your patients feel.
Our safe and proven OSSIX® solutions for GBR and GTR significantly reduce the need for repeated procedures, simplify complex procedures, and are cost-effective. Your patients will benefit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

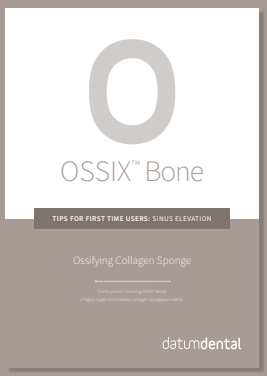
Leading dental surgeons frequently use OSSIX® Regenerative Solutions and vouch for their simplicity and efficacy.
Trusted over more than 20 years, OSSIX® is the go-to solution for a wide variety of procedures.

MORE TIPS FOR YOU









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