

Moldable Synthetic Bone Graft

Microporous Resorbable Biphasic Calcium Phosphate

In'OssTM

Moldable Synthetic Bone Graft

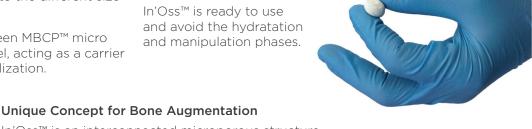
Microporous Resorbable Biphasic Calcium Phosphate

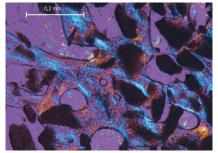
In'Oss™ is a moldable bone graft, made of MBCP™ Technology.

Developped to improve clinician handling during bone grafting procedures, In'Oss™ can fit to the different size and shape of the grafting sites.

In'Oss™, is an optimal balance between MBCP™ micro granules and an absorbable hydrogel, acting as a carrier for rapid vascularization and mineralization.

In'Oss™ preserves the original graft shape and bone volume. It is gradually absorbed within a few months and is replaced by vital architectured bone.





4 months bone remodelling with haversian system - Goat model

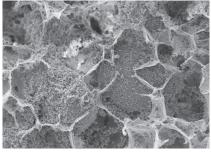
In'Oss™ is an interconnected microporous structure.

Hydrogel creates larges spaces between MBCP™ microporous particles to form extra spaces for cells spreading and fluids diffusion.

In'Oss™ chemistry encourages the rapid formation of natural bone and the growth of capillary blood vessels throughout matrix.

These materials have been shown to be perfectly biocompatible and absorbable.

Moldable / Ready to use / Volume stable / Osteoconductive



Interconnected structure between the microporous granules and hydrogel

Ready to use

In'Oss™ is supplied in sterile syringe ready to use. No pre-mixing is required with blood or saline solution. In'Oss™ plasticity conforms to bone defect.

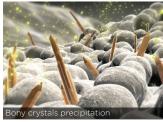
In'Oss™ Putty is safe and has excellent biocompatibility.

MBCP™ Bone Graft Particles have been the topic of extensive clinical studies over the last 30 years with clinical results comparable to Autologous Bone.

Easy & Fast



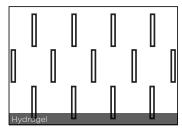






Concept



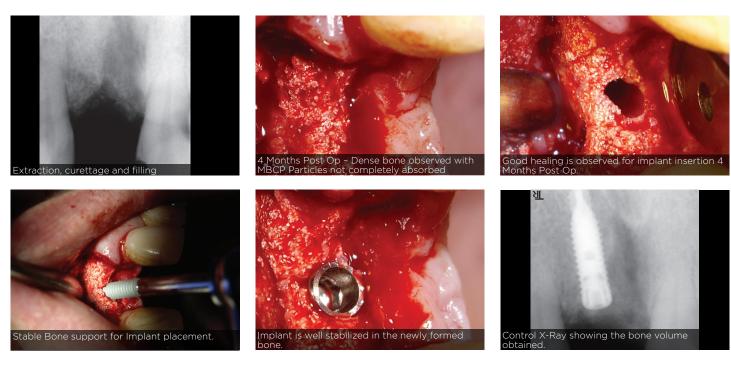


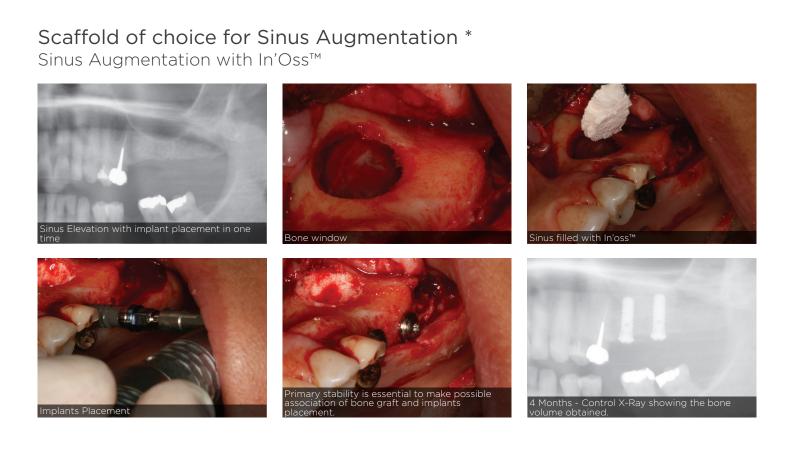


Complete and progressive vital bone regeneration

Scaffold of choice for Alveolar Regeneration *

Alveolar Regeneration with implant placement







Remove the blister from the sterile pouch.

In'Oss™ does not necessitate any mixing prior to placement. It is dispensed in a pre-mixed state and can be placed directly into the defect site from the syringe. It can also be used as a graft extender mixed with Allograft/Autograft.



In'Oss™ is not an hardening bone graft, complete closure with membrane or good sutures is recommended during healing time.

ISO 13485 Read the Instructions for use Medical Device: Class III

Biomatlante Therapeutical Solutions

Option 1: ••• Option 2: •• Association: •

MBCP+™ Osteogenic Granules S 0.5-1mm MBCP+™ Osteogeni Granules L 1-2mm	MBCP™ Gel Micro Granules	0 00	EZ Cure™ Membrane
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IMPLANTOLOGY

Sinus lift Augmentation				
In 2 steps - Minimum Crest Hight < 4-5mm		• • •	• •	•
In 1 step - Minimum Crest Hight < 5mm with primary stability			•••	•
Vertical Ridge Augmentation		• • •	•••	•
Horizontal Alveolar Ridge Augmentation	• •	•••	•••	•
Alveolar regeneration - Extraction socket				
Without implant placement	• • •		• •	•
With implant placement	• •		• • •	•

PERIODONTOLOGY

Infra-osseus pockets	• •		• • •	• •	•
Furcations			• • •	• •	•

OTHERS

Autograft Extender	• •	• • •		

References

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- Assessment of Cancellous Bone Architecture after Implantation of an Injectable Bone Substitute, Catherine A. Davy, O. Gauthier, and al., Key Engineering Materials Vols. 254-256 (2004) pp. 55-5842

* Data on files, Biomatlante

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