

BioNgraft™

Injectable Putty



- Ready to Use
- 100% synthetic
- Osteoconductive
- Biodegradable



Composition

Biongraft Putty is an injectable and formable paste bone graft based on hydrogel and Beta tricalcium phosphate (β -TCP), including ZrO_2 nanoparticles for antibacterial efficacy.

Product Features

- **Ready to Use**

Pre-loaded in a convenient applicator, syringe ready for direct placement in the defect. Easily molded by hand as needed. Requires no mixing.

- **%100 synthetic**

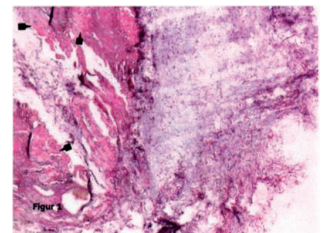
Contains no tissue of human or animal origin therefore carries no risk of disease transmission.

- **Osteoconductive**

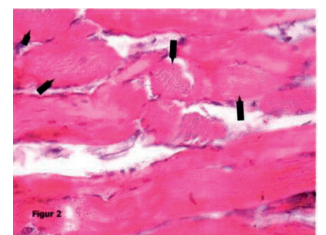
Provides a scaffold for new bone. Highly interconnected porosity with excellent mechanical resistance.

- **Biodegradable**

With its optimized porous structure and chemical composition, our products are suitable for the continuous remodeling cycle of healthy bone. β -TCP resorbs over time and being replaced with bone during the healing process.



Osteoid formation, 2 months after implantation of Biongraft Putty in skeletal muscle



Indications

- Alveolar bone regeneration
- Lateral and Crestal Sinus Augmentation
- Extraction (with or without implant placement)
- Intraosseous defects
- Guided bone regeneration (GBR)
- Socket Grafts

General procedure of Biongraft Putty in sinus lifting, lateral augmentation, and socket grafting

A Lift a flap

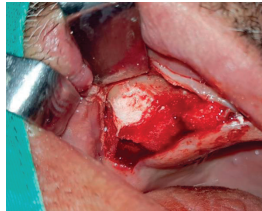
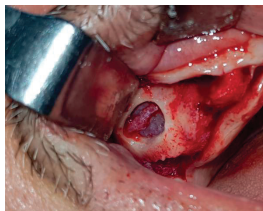
- The flap should be minimally reflected to open up whole graft site.
- Prepare the defect site for grafting

B Biongraft Putty application

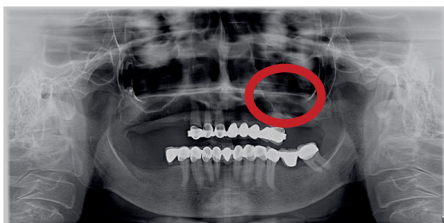
- Inject the Biongraft Putty and press gently for 5 seconds to get the defect shape by using sterile dry gauze.

C Flap Closure

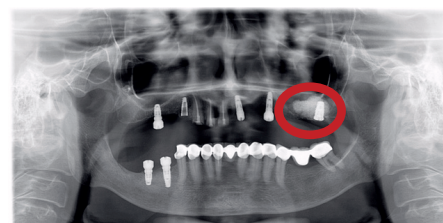
- Reposition the flap and suture them for maximal closure.



Use of Biongraft Putty in sinus lifting operation.



A- Before grafting procedure



B- 5 months after grafting procedure

The sinus defect filled with **Biongraft Putty** heals completely after 5 months. Radiological view of before and after grafting application. As it is seen, bone tissue completely regenerated and dental implant was successfully placed.

Specifications

REFERENCE CODE	DESCRIPTION	VOLUME	PACKAGING
TBGP005	Putty(Syringe 0.5cc)	0.5 cc	1 unit/Box
TBGP01	Putty(Syringe 1cc)	1 cc	1 unit/Box
TBGP02	Putty(Syringe 2cc)	2 cc	1 unit/Box
TBGP03	Putty(Syringe 3cc)	3 cc	1 unit/Box
TBGP05	Putty(Syringe 5cc)	5 cc	1 unit/Box



Produced Exclusively for
Medosis
MEDICAL DEVICES

23, Alexander Malinov Blvd,
2nd fl., of. 97, 1729
Sofia, Bulgaria
Email: info@medosis.eu
Website: www.medosis.eu
Tel: +359878737006