

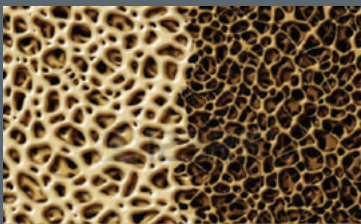
75% Hydroxyapatite (HA) / 25% Tricalcium phosphate (TCP)



- 100% synthetic bone material
- Osteoconductive
- High porosity (90%)
- Bioresorbable (6-24 months)
- Hydrophilic
- Radiopaque

Induces
BONE FORMATION

SAFE



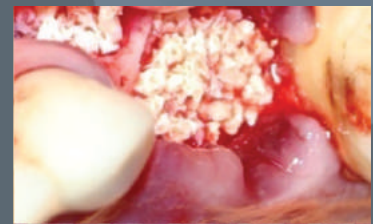
Not human or animal tissues are used. 100% synthetic.

BIORESORBABLE



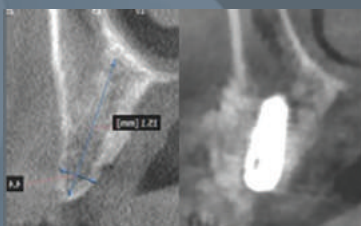
Totally replaced by new bone within 6-24 months

NO MEMBRANE



Not necessary to use membrane

RADIOPAQUE



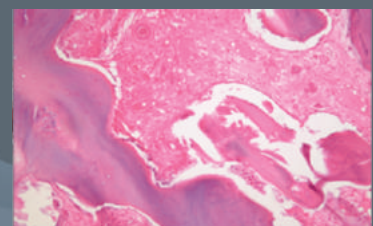
Allows to estimate the maturation of bone

HYDROPHILIC



Excellent adhesion

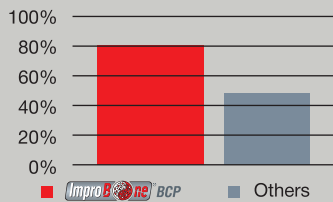
VASCULARIZATION



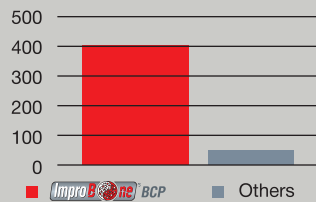
Induces angiogenesis and ensures vascularization

Works like natural bone

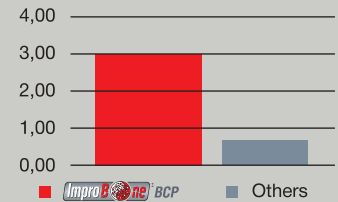
Porosity*



Pore size (µm)*



Mechanical Resistance (MPa)



Perence: C.M.S. Ranito, F.C. Olivera, J.P. Borges, Hydroxyapatite Foams For bone replacement Key Mater.

Eng. 284-286 (2005) 341-344; C.M.S. Ranito, Fabrication of Hydroxyapatite Foams bone mediacalapplications, SPM, vol 15, n°3/4 (2003) 2-15.

Instruction

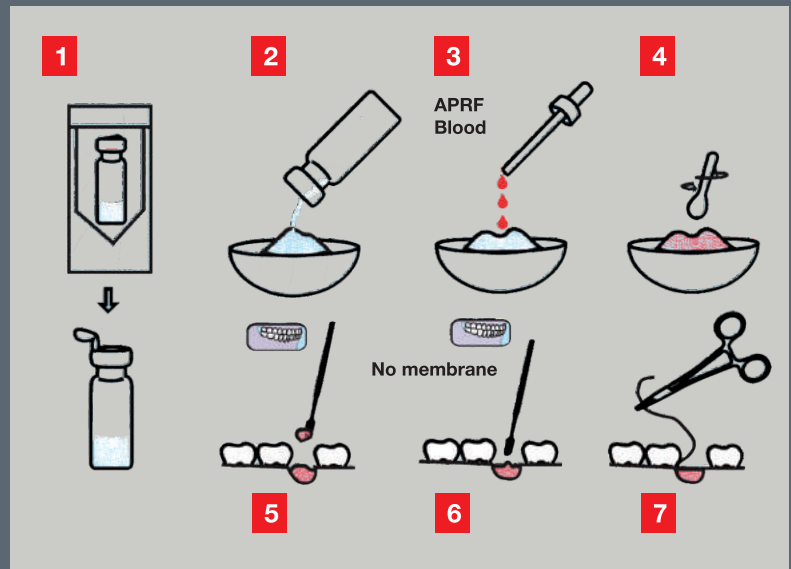
- Impregnate ImproBone BCP with patient's blood (APRF or IPRF) or mix with with the autologous bone
- Place ImproBone BCP on slightly bloody or decorticated bone
- Slightly pack the material
- Mixing of ImproBone BCP with other materials is possible under dentist response

Indications

- Sinus lifting
- GBR
- Ridge preservation
- Filling of bone defects
- GBR around dental implants

Properties

- ImproBone BCP is porous synthetic ceramic, containing calcium phosphate and designed to fill bone defects. This ceramic consists a mixture of two types of calcium phosphate - hydroxyapatite and TCP.
- Calcium phosphate ceramics is rapidly osteointegrated due to chemical composition because it is very close to the mineral phase of human bone and due to its high porosity, which ensures full graft vascularization
- Tricalcium phosphate is more soluble than HA and improves the resorption of material, allowing to achieve resorption rate similar to physiology of bone cells



Ref No	Size	Quantity
IBB010505G	0.1 - 0.5 mm	0,5 g x 1 pc
IBB050105G	0.5 - 1 mm	
IBB010505P	0.1 - 0.5 mm	0,5 g x 5 pcs
IBB050105P	0.5 - 1 mm	
IBB010510G	0.1 - 0.5 mm	1 g x 1 pc
IBB050110G	0.5 - 1 mm	
IBB010210G	1-2 mm	
IBB010510P	0.1 - 0.5 mm	1 g x 5 pcs
IBB050110P	0.5 - 1 mm	
IBB010210P	1-2 mm	



0.1 - 0.5 mm



0.5 - 1 mm



1 - 2 mm