



Biomatlante
Biologics Solutions

eXpert in bone regeneration

MBCP™ Syringe

MBCP™ Technology

100% synthetic bone graft
In a Bone Marrow Aspirate
Friendly Syringe

Bioactive
Osteoconductive
+ 30 years clinical background



100% synthetic & efficient solution

MBCP™ Syringe is a synthetic bone graft solution, with the MBCP™ scaffold and a mixing delivery system, ideal for an efficient bone reconstruction.

Unique scaffold for bone healing

- Specific microstructure to capture growth factors
- Selective adsorption of osteogenic proteins
- Long term scaffold effect for bone ingrowth

High Quality Bone Graft

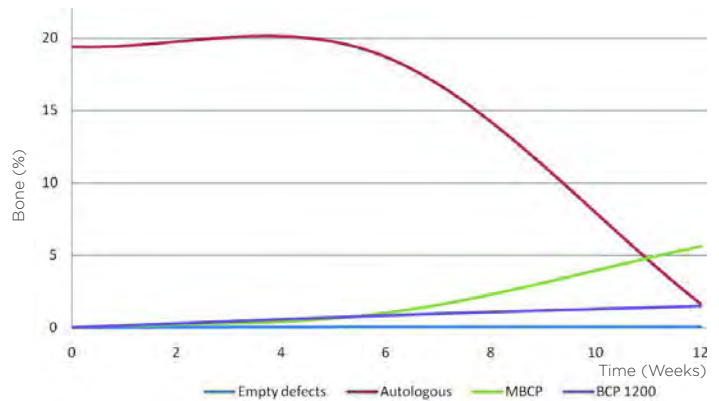
- Global interconnected porosity of 70%:
 - 2/3 of macropores (>10µm)
 - 1/3 micropores (<10µm), due to a unique know-how
- 100% synthetic:
 - 60% HA (Hydroxyapatite)
 - 40% β-TCP (Tricalcium Phosphate Beta)
- +30 years of clinical background

Further Information

- 5 years shelf-life
- CE and 510k cleared
- Storage at ambient temperature



A better alternative



Microporous ceramics (MBCP™) exhibit **high osteogenic properties** for filling large bone defects, when compared to dense materials or autologous bone.

Fellah H. B., Gauthier O., Weiss P., Chappard D., Layrolle P.: Osteogenicity of biphasic calcium phosphate ceramics and bone autograft in a goat model, Biomaterials 29, 2008, 1177:1188

How to use it?



1. Connect the syringe holding the bone marrow to MBCP™ Syringe syringe luer lock
2. Inject the bone marrow previously aspirated



MBCP™ Syringe Putty is ready to use

The Ideal Ratio of MBCP™ Syringe with bone marrow

MBCP™ Syringe (Volume)	Osteoinductive Elements (Volume)
1	1

Indications

To augment or replace bone graft in low bearing clinical applications.

All bone filling in trauma, orthopaedy, spine.

- Tibial osteotomy
- Fractures with bone defect
- Vertebral arthrodesis
- In certain cases of arthroplasty revision



Available in :
Granules 1-2mm - 5cc
Granules 1-2 - 10cc

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

CE 0123

Distributed by:

Manufacturer :

Biomatlante

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