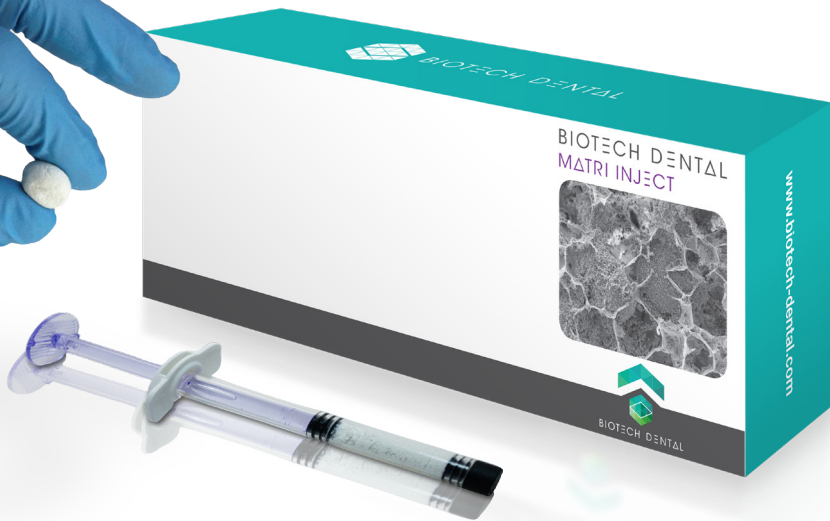


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# BIOTECH DENTAL MATRI INJECT

INJECTABLE BONE SUBSTITUTE



BROCHURE



BIOTECH DENTAL

## BIOTECH DENTAL GROUP, 2.0 DENTAL OFFICE PARTNER.

Since its creation in 1987, Biotech Dental is committed to develop a strong relationship of trust with dentists and dental technicians. Together, we design and develop ever more tailored product lines to the challenges of the future. Our position is located at the crossroads of their expectations, innovation and technology.

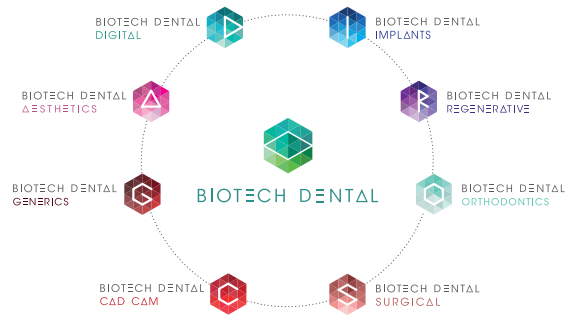
Allow practitioners to offer the best products at the best prices for their patients: that is the first objective of Biotech Dental. With more than a million dental implants sold, we have helped to improve the lives of thousands of patients worldwide through all dentists who have trusted us. With our expertise and our know-how, we have chosen to be pioneers of this development through innovative technologies. In recent years, we have integrated new skills, invested over 10 % of our turnover in research and development to be able to develop and propose solutions on the cutting edge innovation.

Today we are a key partner for practitioners of dentistry. We offer our customers a wide range of products and services around dental care, to enable them to meet the different needs of their patients.

Innovation and Technology for practitioners to make affordable excellence to patients: this is Ethical currency of Dental Biotech.

As many products and services serving the dental office 2.0.

Philippe VÉRAN  
CEO



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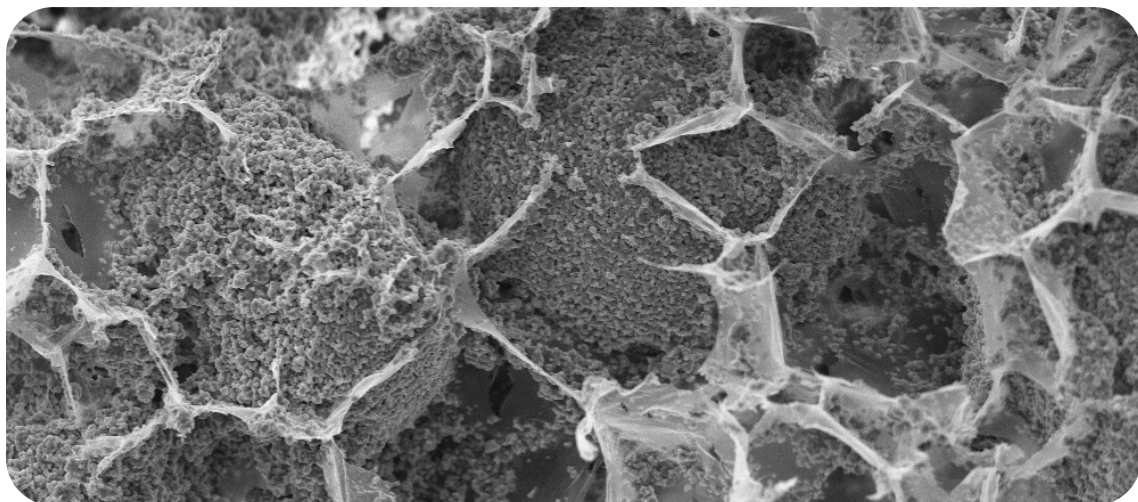
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## MATRI INJECT™

Matri Inject™ is a **synthetic solution for bone regeneration**, developed with MBCP™ technology, which adapts to all forms of bone filling.

Matri Inject™ is composed of two-phase calcium phosphate (HA+βTCP) and hydrogel<sup>12</sup>. It is gradually absorbed over a few months and replaced by a vital architected bone<sup>9</sup>.



### INJECTABLE & READY TO USE

Matri Inject™ is supplied in a **sterile, ready to use syringe**. No premixing with blood or saline is required. Matri Inject™ does not harden.



### MALLEABLE & ADAPTABLE

Developed to improve the malleability of the product during surgeries<sup>3,15</sup>, Matri Inject™ **adapts to all types of bone filling sites**.<sup>3,14,15</sup>



### EXCELLENT BIOCOMPATIBILITY

Matri Inject™ is safe and has **excellent biocompatibility**.<sup>1,11</sup>

MBCP synthetic bone substitute has been the subject of extensive clinical studies during the **last 30 years with more than 650 publications** and has a resorption rate similar to human bone.<sup>5,18,19</sup>

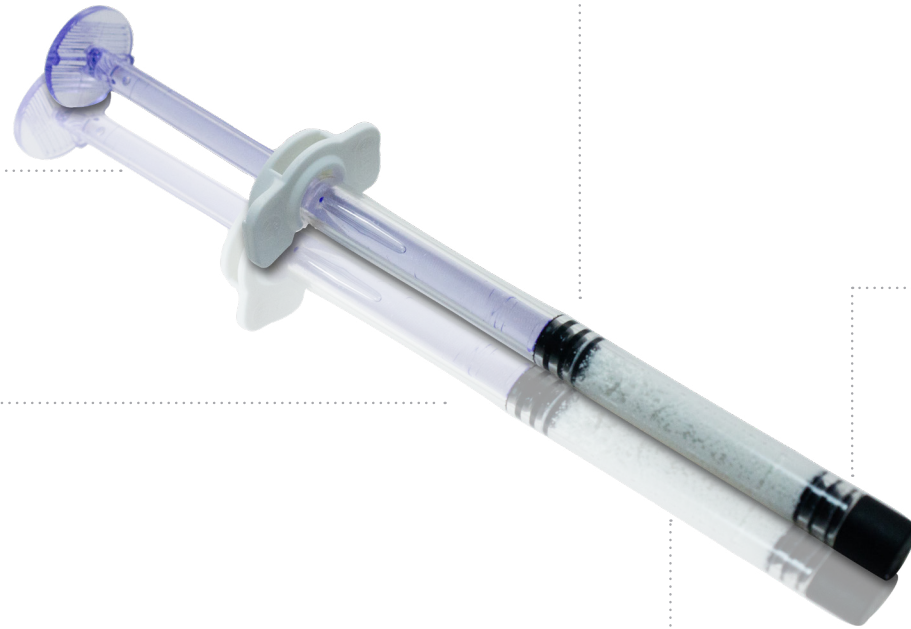


## BENEFITS

➤ MALLEABLE

➤ STERILE & READY TO USE

➤ MAINTAINS BONE VOLUME



➤ OSTEOCONDUCTIVE

➤ RESORBABLE



## AN INNOVATIVE SOLUTION FOR BONE AUGMENTATION

Matri Inject™ is an interconnected structure of microporous granules. Matri Inject™ provides an interconnected network that facilitates infiltration of biological fluids and cell colonisation.

**This material is perfectly biocompatible and resorbable.**<sup>11,1,19</sup>

## THE TECHNOLOGY

Developed to improve the comfort of the practitioner during **bone grafting procedures** Matri Inject™ can be adapted to the different sizes, contours and shapes of bone filling sites.<sup>14,3,15</sup>

Based on MBCP technology, Matri Inject™ is composed of Hydroxyapatite (HA), Tricalcium Phosphate Beta (β-TCP) and a hydrogel.<sup>12</sup>



## INDICATIONS

### IMPLANTOLOGY

- Alveolar bone regeneration,
- Extraction (with or without implant placement),
- Lateral and crestal sinus augmentation,
- Intraosseous pockets,
- GBR.

## USE & HANDLING



- **Remove the syringe** from the sterile pouch.
- Check that the piston is in contact with the material.
- Remove the black cap.
- Gently press on the plunger of the syringe and apply the paste directly into the defect site.



- Thanks to the hydrogel, Matri Inject™ **does not need to be mixed** before placement.
- Matri Inject™ **is not a hardening bone substitute**, it therefore needs to be completely covered with a membrane or good sutures are recommended during the healing period.

## MATRI INJECT™ RANGE

Matri Inject™ is available in syringe of:

REFERENCES	VOLUMES (ml)	GRANULOMETRIES (µm)	DESIGNATIONS
MI1002PU50DE	0,5 ml	80-200 µm	Injectable bone substitute
MI1102PU025DE	0,5 ml	80-1000 µm	Injectable bone substitute
MI1103PU350DE	1 ml	80-1000 µm	Injectable bone substitute



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Manufacturer: Biomatlante SA  
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Commercial register Salon de provence: 795 001 304 - SIRET: 795 001 304 00018 - VAT number: FR 31 79 500 13 04  
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