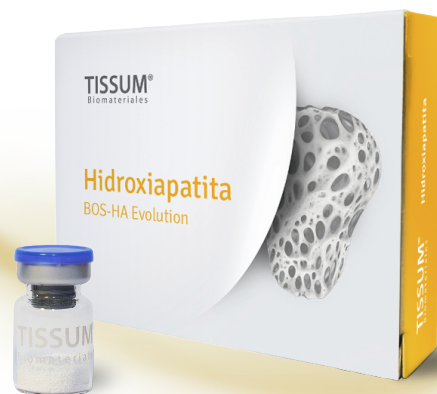


The Ideal Mineral Bone Substitute for Bone Regeneration and the Preservation of Biological Spaces



TISSUM Hydroxyapatite

Bovine hydroxyapatite is a mineral matrix derived from bovine hydroxyapatite, designed for bone substitution and guided bone regeneration.
Authorized by A.N.M.A.T. PM-2312-1

Hydroxyapatite is a natural mineral that makes up the majority of human bone. In the quest for optimal bone regeneration, TISSUM Hydroxyapatite stands out as the definitive solution.

TISSUM Biomaterials' innovative low-temperature processing technology preserves the integrity of the bone mineral structure, replicating a micro- and macroporous architecture that resembles human bone. This ensures exceptional biocompatibility and osteoconductivity, creating an ideal scaffold for guided bone regeneration.

OPTIMAL POROUS STRUCTURE

- Allows vascularization and integration of bone tissue.
- Facilitates the transport of nutrients and growth factors.

SUPERIOR OSTEOCONDUCTIVITY

- Provides a perfect scaffolding for bone cell adhesion, proliferation, and differentiation.
- Enables safe and effective new bone formation.

EXCEPTIONAL BIOCOMPATIBILITY

- Minimizes the risk of inflammatory or immunogenic reactions.
- Integrates safely and naturally into the surrounding bone tissue.

CONTROLLED RESORPTION

- Gradually resorbs as new bone forms, being replaced by natural bone tissue.
- Features a slower absorption rate than collagen-based biomaterials, making it ideal for filling sites where volume preservation is required for extended periods.

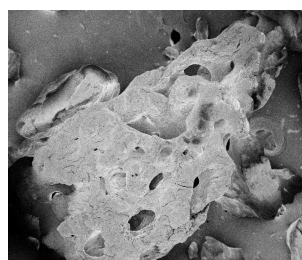
PRESENTATIONS

Code	Presentation	Particle sizes
66 BOS-EV N 0,25	0,25 g	(N) 210 - 1000 µm
67 BOS-EV N 0,5	0,5 g	(N) 210 - 1000 µm
68 BOS-EV N 1	1,0 g	(N) 210 - 1000 µm
94 BOS-EV G 0,5	0,5 g	(G) 1000 - 2000 µm
95 BOS-EV G 1	1,0 g	(G) 1000 - 2000 µm

CLINICAL APPLICATIONS

- Bone cavity augmentation and filling
- Bone reconstruction and regeneration
- Post-tooth extraction bone regeneration with immediate implant placement
- Maxillofacial surgery
- Alveolar filling
- Sinus lift
- Periodontology

MICROGRAPH



Hydroxyapatite granule
(100 µm)



Hydroxyapatite pore
(20 µm)