



Design Comparable
to Nature

IngeniOs[®] HA

Synthetic Bone Particles

The longer-lasting,* synthetic choice
for bone regeneration

Composition

IngeniOs HA is a next-generation, synthetic hydroxyapatite with high porosity and surface area for osteointegration. It is an alternative to traditional hydroxyapatite products of human or bovine origin that provides long-term volume stability.

For use

Provides long-term stability and compression resistance with slow resorption profile. Good for use in repair procedures where new bone replacement may be difficult to achieve.

- Augmentation of the atrophied alveolar ridge
- Highly stable implant beds
- Socket preservation
- Buccal wall defects
- Other multi-walled defects of the alveolar process
- Sinus lift



FEATURES

- 100% Synthetic
- 80% interconnected porosity
- Radiopaque
- Mixable
- Minimal resorption over time²



BENEFITS

- Reduced risk of immune reaction, or allergy
- Provides an open-cell structure that closely resembles human bone¹
- Easily visible on X-ray
- Can be used as graft extender or to add radiopacity
- Designed to provide long-term graft stability and maintenance of volume and aesthetic contour

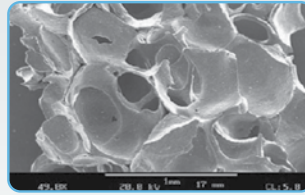
* Compared to IngeniOs B-TCP



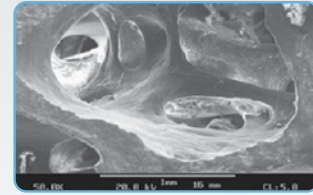
IngeniOs HA Delivers Results

1 Design Comparable to Nature

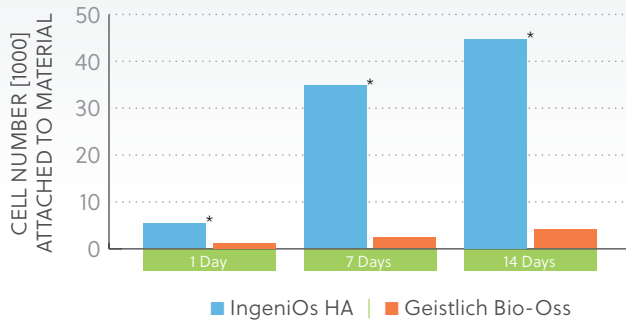
The high porosity of IngeniOs HA (80%) provides an open-cell structure that closely resembles human bone.¹



IngeniOs HA



Human Bone

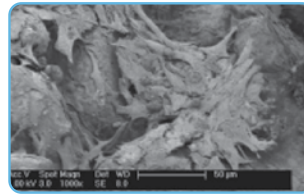


2 Excellent Biocompatibility

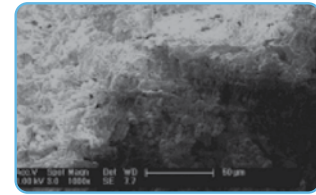
A multi-center study concluded IngeniOs HA "offers ideal structures for osteointegration accompanied by slow resorption kinetics and excellent biocompatibility."²

3 Cell Attachment and Growth Comparison³

In an in-vitro study comparing the number of cells attached to IngeniOs HA and Geistlich Bio-Oss materials, significantly higher cell attachment was seen with IngeniOs HA at all time points *P<0.001.



IngeniOs HA



Bio-Oss®

Ordering Information

Catalog #	Description
0-802501	IngeniOs HA Synthetic Bone Particles, 0.25 cc, 0.25-1 mm
0-800501	IngeniOs HA Synthetic Bone Particles, 0.5 cc, 0.25-1 mm
0-801001	IngeniOs HA Synthetic Bone Particles, 1 cc, 0.25-1 mm
0-802001	IngeniOs HA Synthetic Bone Particles, 2 cc, 0.25-1 mm
0-900501	IngeniOs HA Synthetic Bone Particles, 0.5 cc, 1-2 mm
0-901001	IngeniOs HA Synthetic Bone Particles, 1 cc, 1-2 mm
0-902001	IngeniOs HA Synthetic Bone Particles, 2 cc, 1-2 mm

¹ Holweg, Lerner, and Pehrsson. Application of a synthetic hydroxyapatite in dental surgery. EDI Journal 3/2012: 64-73.

² Data on file at curasan AG.

³ Bernhardt, Lode, Peters, and Gelinsky. Novel ceramic bone replacement material Osbone in a comparative in-vitro study with osteoblasts Clin Oral Implants. 2001 22(6): 651-657.

For more information, visit ZimVie.com

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