IngeniOs® HA Synthetic Bone Particles

ZIMMER BIOMET
Your progress. Our promise.

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 time[2]

BENEFITS

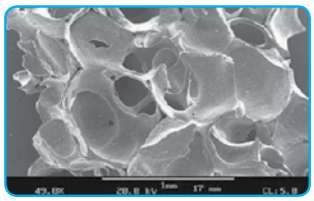
- Reduced risk of infection, immune reaction or allergy
- Provides an open-cell structure that closely resembles human bone[1]
- Easily visible on X-ray
- Can be used as graft extender or to add radiopacity
- Designed to provide long-term graft stability and maintenance of volume and aesthetic contour

* Compared to IngeniOs B-TCP

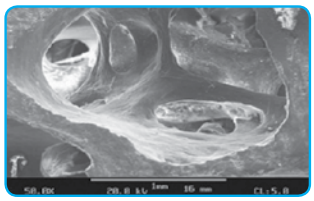
IngeniOs HA Delivers Results

1 Design Comparable to Nature

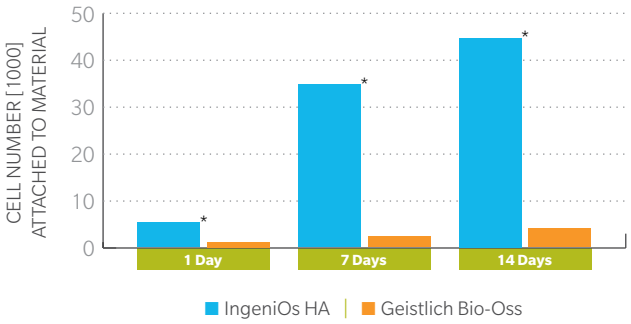
The high porosity of IngeniOs HA (80%) provides an open-cell structure that closely resembles human bone.[1]



IngeniOs HA



Human Bone

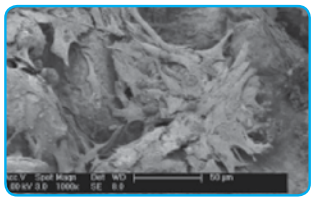


2 Excellent Biocompatibility

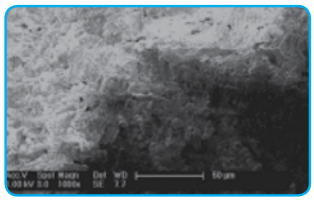
A multi-center study concluded IngeniOs HA "offers ideal structures for osteointegration accompanied by slow resorption kinetics and excellent biocompatibility."

3 Cell Attachment and Growth Comparison[3]

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.

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