

SUPPORTING NATURE



IngeniOs™ HA Synthetic Bone Particles



THE LONG-LASTING,
NON-BIOLOGIC
CHOICE FOR BONE
REGENERATION.

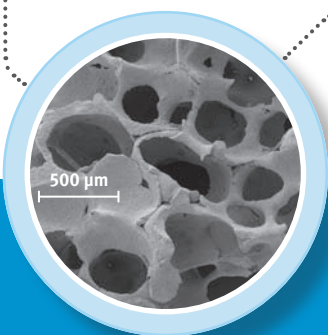


1 100% NON-BIOLOGIC

- Bone graft particles made of pure-phase hydroxyapatite (HA), a composition similar to the HA found in naturally-occurring bone

2 UP TO 80% INTERCONNECTED POROSITY

- Designed to support vascularized bone formation, osseointegration and the natural remodeling process within the graft framework



3 LONG-LASTING OSTEOCONDUCTIVE SUPPORT¹

- Negligible resorption over time¹ helps to provide long-term graft stability and maintenance of volume and esthetic contours, instilling confidence when a longer healing time is required or if re-entry to the site may be delayed

IngeniOs HA Synthetic Bone Particles

*IngeniOs HA at 50x
Magnification*

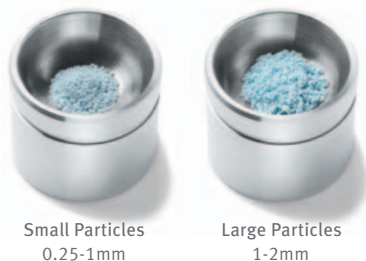
INGENIOS HA WITH LONG LASTING OSTEOCONDUCTIVE SUPPORT

ADDITIONAL ADVANTAGES

- 100% Non-biologic – addresses clinician or patient preference
- Radiopaque - easy to identify on an X-ray
- Mixable - can be utilized as a graft mix-in for radiopacity or volume preservation

CLINICAL USES

- Augmentation of the atrophied alveolar ridge
- Sinus lift/sinus floor elevation
- Filling of alveolar defects following tooth extraction
- Support of a membrane in guided tissue regeneration (GTR)
- Other multi-walled defects of the alveolar process



Ordering information

Catalog Number	Description
0-802501	<i>IngeniOs</i> HA Synthetic Bone Particles, 0.25cc, 0.25-1mm
0-800501	<i>IngeniOs</i> HA Synthetic Bone Particles, 0.5cc, 0.25-1mm
0-801001	<i>IngeniOs</i> HA Synthetic Bone Particles, 1cc, 0.25-1mm
0-802001	<i>IngeniOs</i> HA Synthetic Bone Particles, 2cc, 0.25-1mm
0-900501	<i>IngeniOs</i> HA Synthetic Bone Particles, 0.5cc, 1-2mm
0-901001	<i>IngeniOs</i> HA Synthetic Bone Particles, 1cc, 1-2mm
0-902001	<i>IngeniOs</i> HA Synthetic Bone Particles, 2cc, 1-2mm

COMPARISON TO BIO-OSS® BONE SUBSTITUTE

IngeniOs HA Synthetic Bone Particles offer a similar, non-biologic alternative to bovine-derived Bio-Oss Bone Substitute.

	<i>IngeniOs</i> HA Synthetic Bone Particles	Bio-Oss Bone Substitute ¹
Source	100% Synthetic	Bovine Cancellous Bone
Composition	Synthetic Hydroxyapatite	Bovine Hydroxyapatite
Intended Use	Filling of Bone Defects and Augmentation	Filling of Bone Defects and Augmentation
Performance	Osteoconductive	Osteoconductive
Porosity	70 to 80%	75 to 80%
Resorption	Partially Resorbable	Partially Resorbable

6-MONTH HISTOLOGY IN OVINE MODEL

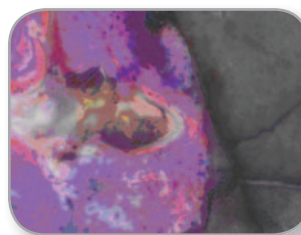


Fig. 1 - *IngeniOs* HA Synthetic Bone Particles

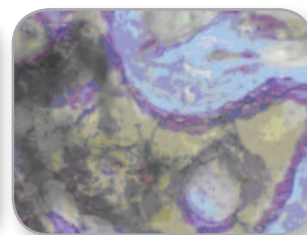


Fig. 2 - Bio-Oss Bone Substitute

In an ovine model after 6 months implantation, scapula defects treated with *IngeniOs* HA Synthetic Bone Particles [Fig. 1] and Bio-Oss Bone Substitute [Fig. 2, bovine] both demonstrated good bone penetration, bone-particle contact and insignificant resorption of the grafting particles. Active bone formation, matrix mineralization and bone remodeling were observed.¹

¹ Data on file with curasan AG.

To learn more about *IngeniOs* HA Synthetic Bone Particles, please visit us online at www.zimmerdental.com or to speak to a sales representative, call 1 (800) 854-7019.

To receive our eNews visit us at http://www.zimmerdental.com/news_eNewsletterSignUp.aspx

For more information about our Products, Regenerative Materials and Educational Opportunities, contact us:

In the U.S. 1 (800) 854-7019
To fax an order 1 (888) 225-2483
Outside the U.S. +1 (760) 929-4300
Australia +61 (0)2 9950 5434 or 1 (800) 241 916
Canada +1 (905) 567-2073 or 1 (800) 265-0968
China +86 21 2211 5147

France +33 (0)1 45 12 35 35
Germany +49 (0)761 1 56 47 0
Israel +972 (0)3 6124242
Italy +39 043 855 5573
Spain +34 93 846 05 43



Zimmer Dental
1900 Aston Avenue
Carlsbad, CA 92008-7308
USA

www.zimmerdental.com