



IXOBONE®

Biomimetic synthetic resorbable bone graft substitutes

PASTE | PUTTY | GRANULES | CYLINDERS | BLOCKS | WEDGES

The application of a bone graft to augment the healing of an osseous defect is an important component of orthopaedic surgery.



- Bone void filling
- Fracture repair
- Arthrodesis
- Osteotomy including TTA
- Extend autograft

While autologous bone graft remains the gold standard, in many instances IXOBONE can spare the increased operative time, trauma and potential complications of harvesting the graft, or it can be used to extend an autograft where volume is limited.

IXOBONE materials are safe, fully biocompatible and have been subjected to extensive and successful clinical studies over many years.

IXOBONE® PASTE

- Nano HA Paste ultra-high surface area~100m²/g
- Osteoconductive - protein bonding to HA facilitates cell attachment and ingrowth
- Osteostimulative - ion dis-solution promotes vascularisation and osteoblast differentiation
- Sticky viscosity - maximises bone-implant interface and resists irrigation
- Ready to use - complete and easy filling of defects or cages (including TTA)

Ordering Code	Product Description
V08000005	IXOBONE Paste 0.5 cc
V08000010	IXOBONE Paste 1 cc
V08000020	IXOBONE Paste 2 cc
V08000025	IXOBONE Paste 2.5 cc
V08000050	IXOBONE Paste 5 cc



IXOBONE® PUTTY

- Incorporates HA/TCP granules
- Stratified resorption at a controlled rate
- Sticky formula provides excellent contact with host bone
- Injectable or mouldable with granular putty-like texture

Ordering Code	Product Description
V11000005	IXOBONE Putty 0.5 cc
V11000010	IXOBONE Putty 1 cc
V11000020	IXOBONE Putty 2 cc
V11000025	IXOBONE Putty 2.5 cc
V11000050	IXOBONE Putty 5 cc

IXOBONE® HA/TCP GRANULES

CYLINDERS, BLOCKS, WEDGES also available

- Matches the internal structure of cancellous bone
- Optimal macro and micro porosity, for nutrient flow, angiogenesis, osteoconduction
- High integral strength and structural cohesion
- Controlled resorption - early, sustained, ultimately complete osteointegration
- Cylinders, Blocks and Wedges are easily cut or further shaped to fit the defect
- Can be soaked with blood or bone marrow aspirate
- Granules can be mixed with autologous bone graft

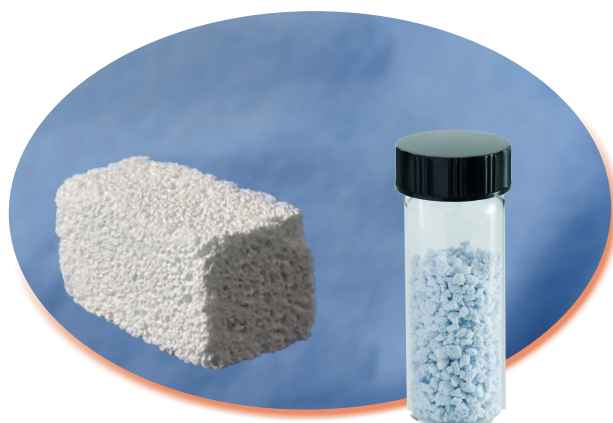
Ordering Code	Product Description
V01000025	IXOBONE Granules 2.5 cc
V01000050	IXOBONE Granules 5 cc

 **exabone**
The Swiss **Bone** Architect

IXOBONE is the veterinary division and a registered trademark of Exabone GmbH.

Exabone GmbH operates a certified ISO 13485 quality management system and all Exabone GmbH products are CE marked.

IXOBONE product range is gamma sterilized and ready to use, with a long shelf life



STIMULATE | CONDUCT | INTEGRATE

- Beta-Tricalcium Phosphate (B-TCP) dissolution releases calcium and phosphate ions in the microenvironment, stimulating new bone growth and angiogenesis
- Hydroxyapatite (HA) acts as an osteoconductive medium supporting the ingrowth of osteoblasts and osteo-progenitor cells within the three dimensional architecture of the graft
- Over time IXOBONE materials will fully resorb and be replaced by natural bone



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It's in your hands...

Fourlimb *surgical solutions*

