

Inion BioRestore™ Plus

INION

Synthetic Bone Graft Substitute Blocks



Inion BioRestore™ Plus Bone Graft Substitute

CE 2797

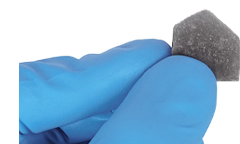
Inion BioRestore™ Plus is a synthetic, bioactive, and fully absorbable bone graft substitute designed to support and stimulate natural bone healing. Composed of porous bioactive glass fibers, it combines osteoconductive and osteostimulative properties to promote new bone formation efficiently and safely.

This implant is intended for the gentle filling and restoration of bony voids or defects in extremities either resulting from trauma or created surgically. It is supplied in a block-shaped configuration with enhanced density, offering improved handling and shaping properties for surgical precision. Specific indications for use may vary between market areas. Please review the electronic Instructions for Use at ifu.inion.com.

Inion BioRestore™ Plus is an FDA-cleared and CE-marked medical device (US Class II, CE Class III). The conformity assessment was conducted by BSI The Netherlands (CE 2797).



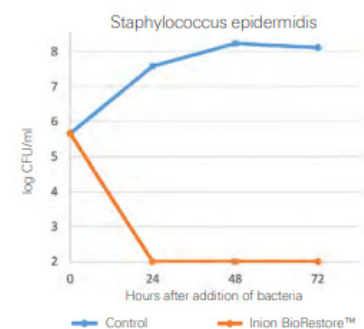
Inion BioRestore™ Plus blocks are available in different shapes and sizes



Inion BioRestore™ Plus blocks can be shaped to optimally fit the defect.

Benefits

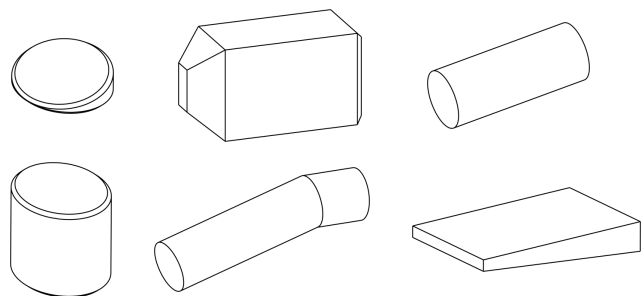
- **Complete degradation:** Inion BioRestore™ is gradually resorbed and replaced by new bone within 6 months *in vivo*.
 - The highly porous and fully open structure, composed of fibers welded together, enables better flow of fluid, cells and nutrients and allows formation of new bone throughout the structure, inside and out.
 - Inion BioRestore™ scaffolds resorb significantly faster than the commercially available products made from HA and are resorbed in a controlled manner
- **Osteoconductive and osteostimulative:** Inion BioRestore™ actively stimulates osteoblast proliferation and differentiation while providing a scaffold to support new bone formation.
- **Antibacterial:** Laboratory tests have shown that the bioactive glasses have antibacterial properties which may inhibit the occurrence of bacterial infection at the surgical site.
- **Biocompatible, safe and easy to use:** Synthetic origin shortens operative time in comparison to harvesting autogenous bone graft, excludes risks of disease transmission and overcomes the limitations in quantity and quality of available bone graft.



Inion BioRestore™ bioactive glass has antibacterial properties.

Product Overview

- Inion BioRestore™ Plus Oval 13 mm
- Inion BioRestore™ Plus Oval, Wedge 4mm
- Inion BioRestore™ Plus Oval 4–8 mm
- Inion BioRestore™ Plus Blocks 8–14 mm
- Inion BioRestore™ Plus L-shape 12–16 mm x 60 mm
- Inion BioRestore™ Plus Cylinder 6–16 mm x 30 mm
- Inion BioRestore™ Plus Wedge 6–16 mm



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