INTERFACE
Bioactive Bone Graft

BIOACTIVE

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Interface Bioactive Bone Graft is manufactured utilizing our patented bioactive silicate process technology. This unique product represents a significant milestone in the development of resorbable biomaterials. When implanted in living tissue, Interface undergoes a time dependent surface modification.

The Interface Bioactive Bone Graft surface modification reaction results in the formation of a calcium phosphate layer, which is equivalent in composition and structure to the hydroxyapatite found in bone mineral. The biological apatite layer of the granules provides an osteoconductive scaffold for the generation of new osseous tissue. New bone infiltrates around the granules allowing the repair of the defect as the granules are absorbed.

Bioactive

- When implanted in living tissue, the material undergoes a time dependent surface modification
- The biological apatite layer of the granules provides a scaffold for the generation of new osseous tissue

Convenient Packaging

- Conveniently packaged in a sterile single-use vial
- Stored within a hermetically sealed foil pouch to ensure product sterility prior to implantation

Patented Technology[1]

- The narrow particle size distribution of 200-420 microns is designed to provide enhanced performance benefits
- The patented Interface Bioactive Bone Graft technology is designed for a faster speed of bone fill than glass particles having a broader size distribution

Safe and Consistent

- Can be used independent of blood type or other typing restrictions
- No risk of disease transmission
- Consistent bioactive glass composition

Innovative Design

- Supplied as synthetic granules of bioactive glass sized from 200-420 microns
- Interface Bioactive Bone Graft is designed for the repair of osseous defects in orthopedic applications

Composition

- The elemental composition of Interface Bioactive Bone Graft is Si, Ca, Na and P
- Interface Bioactive Bone Graft conforms to ASTM specification F1538 for 45S5 bioactive glass

[1] United States Patent 6,228,386 B1

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