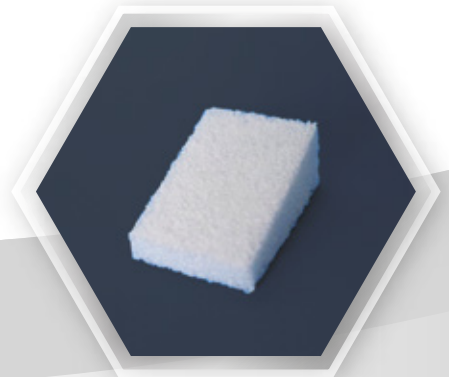


# BioNgraft™

Tricalcium phosphate (b-TCP)



## Characteristics

### **%100 synthetic**

Contains no tissue of human or animal origin therefore carries no risk of disease transmission.

### **Osteoconductive**

Provides a scaffold for new bone. Highly interconnected porosity with excellent mechanical resistance.

### **Bioresorbable**

With its optimized porous structure and chemical composition, our products are suitable for the continuous remodeling cycle of healthy bone.  $\beta$ -TCP resorbs overtime and being replaced with bone during the healing process.

### **Radiopaque**

Could be detected via CT and X-ray.

# BioNgraft™

Tricalcium phosphate (b-TCP)

Biongraft is a Beta Tricalcium phosphate ( $\beta$ -TCP) based porous bone graft substitutes including ZrO<sub>2</sub> nanoparticles for antibacterial efficacy. The interconnectivity of porous structure and microporosity assist capillary motion of blood and body fluids, enhanced penetration for osteogenic cells, and ossification of the synthetic matrix. Granules, Crunch, Wedge, Block form are available.

## Applications

Biongraft is indicated for filling bone voids or defects of the skeletal system in:

- Osteotomies
- Fractures with loss of bone material
- Acetabular reconstruction
- Hip and Knee revision
- Metaphysial fractures
- Extremity fractures
- Vertebral fusion

## Specifications

References	Form	Size	Quantity
TBGG020405	Crunch	2-4mm	5cc
TBGG020410	Crunch	2-4mm	10cc
TBGG020415	Crunch	2-4mm	15cc
TBGG020420	Crunch	2-4mm	20cc
TBGG020430	Crunch	2-4mm	30cc
TBGG040705	Crunch	4-7mm	5cc
TBGG040710	Crunch	4-7mm	10cc
TBGG040715	Crunch	4-7mm	15cc
TBGG040720	Crunch	4-7mm	20cc
TBGG040730	Crunch	4-7mm	30cc
TBGEW082530	Wedge	8x25x30 mm	1 Unit
TBGEW102530	Wedge	10x25x30 mm	1 Unit
TBGEW122530	Wedge	12x25x30 mm	1 Unit
TBGEW142530	Wedge	14x25x30 mm	1 Unit
TBGES44204	Block	4x4x20mm	4 Units
TBGES44205	Block	5x5x20mm	4 Units

Produced exclusively for



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