



India's 1st
FDA Approved
Orthopaedic Implant
& Bone Graft
Manufacturing
facility



Basic Healthcare Products Pvt. Ltd. is one of the leading company in India that can produce Osteoinductive & Osteoconductive Synthetic bone graft materials & Gels. We are the 1st Indian FDA approved orthopedic implant & bone graft manufacturing facility.

Our Mission: To have the widest & most innovative biomaterials sarge in the field of Orthopaedics, Spine, Trauma, Carinal, Maxillofacial & Dental Surgeries.

B-Ostin is totally synthetic, It can be mixed with Bone marrow, blood and other clinically known bone grafts.

Biocompatible

- ◆ 100% phase purity of B-OstIN with trace elements in limits
- ◆ Confirmed by in vitro and in vivo studies
- ◆ International publications on human use for Tibia Plateau and Craniotomy

Non-Immunogenic

B-OstIN implant is surrounded by cellular infiltrate, which is predominantly fibroblastic

- ◆ No lysis of red blood cells (RBC)
- ◆ No cytotoxic effects on cells in contact with B-OstIN
- ◆ No tissue necrosis
- ◆ No toxic leachants post implantation of B-OstIN
- ◆ Osteoinductive Osteoconductive Osteostimulating *

Osteoinductive Osteoconductive Osteostimulating *

B-OstIN is MOST osteoconductive material which helps in bone bonding within 3 months, fastest of all ceramic constituents

- ◆ Ca/P ratio similar to that of human bone
- ◆ Crystalline structure and morphology similar to natural bone
- ◆ 60-70% porosity with pore size 100-300 um
- ◆ Hydroxy apetite (HAP) & Tri calcium Phosphate (TCP)*

Indications

- | | |
|------------------------------|---------------------------|
| ◆ Spinal Fusion | ◆ Tibial Plateau Fracture |
| ◆ Vertebral Fracture | ◆ Distal Radial Fracture |
| ◆ Bone Void Filler (Bone TB) | ◆ Calcaneus Fracture |

GEOMETRY	RANGE SIZES
Powder	0 - 0.125 mm
Granules Dental	0.125 - 0.5 mm 0.5 - 1.0 mm
Granules Orthopaedic / Spine	1 - 3 mm 3 - 5 mm

Blocks	5 x 5 x 10 mm 12 x 12 x 10 mm 20 x 20 x 10 mm 10 x 10 x 25 mm 10 x 10 x 35 mm 10 x 10 x 45 mm
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(Customize sizes of all Geometry available on demand)

GEOMETRY	RANGE SIZES
Wedges	6.5mm x 25mm x 20mm 8.0mm x 25mm x 20mm 10.0mm x 25mm x 20mm 12.0mm x 25mm x 20mm 7.0mm x 25mm x 35mm 10.0mm x 25mm x 35mm 13.0mm x 25mm x 35mm
Burr-hole Button	8mm, Dia 12mm 8mm, Dia 14mm 10mm, Dia 14mm 10mm, Dia 16mm 11mm, Dia 15mm 11mm, Dia 17mm 12mm, Dia 16mm 12mm, Dia 18mm

Dental



Nano Gel*

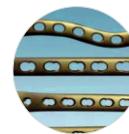


Orthopedics



Burr Hole

We manufacture Truly biocompatible metal implant based on European Nano Technology



Synthetic bone graft products have been developed with know - how from SCT IMST, Kerala, India.

(*Under production)