

SYBONEGRAFT - DBM

Demineralised Bone Matrix

PRODUCT OVERVIEW

SYBONEGRAFT-DBM is an osteoconductive and commercial biomaterial and approved medical device used in bone defects with a long track record of clinical use in diverse forms. True to its name, it is an amorphous matrix from bone sources. DBM retains much of the proteinaceous components native to bone, with small amounts of hydroxyapatite and proteinaceous components (e.g., growth factors) known to be potent osteogenic agents. DBM provides a degradable matrix facilitating endogenous release of these compounds to the bone wound sites where it is surgically placed to fill bone defects, inducing new bone formation and accelerating healing.

PRODUCT ADVANTAGES

- **SYBONEGRAFT-DBM** stimulates mesenchymal cell migration, activation of mitogenic factor promotes cellular proliferation, and activation of an inductive factor engenders cellular differentiation.
- **SYBONEGRAFT-DBM** helps in greater osteoinduction at the orthopaedic/ skeletal defective sites.
- **SYBONEGRAFT-DBM** is more comfortable due to its biocompatibility.
- Easily Mouldable and capable of attracting appropriate tissue regenerative cells.
- Fully resorbable matrix augmenting bone growth and promoting the formation of native bone.

PRODUCT APPLICATIONS

- Oral and maxillofacial Surgery
- Bone augmentation around implants
- Periodontal Regeneration
- Ridge augmentation
- Orthopaedic Applications
- Bone void fillers

INSTRUCTION FOR USE

- Open the vial containing the **SYBONEGRAFT-DBM** in sterile environment.
- The **SYBONEGRAFT-DBM** is mixed with few drops of sterile normal saline solution or autologous blood to make into a paste like consistency.
- This can be filled in oral or orthopaedic bone defects / voids.