OssiMend® Conformable Putty
Moldable Bone Graft Matrix

Mineral-Collagen Composite Bone Grafting Matrix

- Carbonate apatite anorganic bone mineral and purified type I collagen
- Easily molded upon hydration to fit irregular defect sites
- Cohesive characteristic enables putty to stay intact upon irrigation of the surgical site
- Highly absorbent osteoconductive scaffold
- Osteoinductive and osteogenic in conjunction with autogenous bone marrow
- Matrix composition of 55% bone mineral and 45% collagen

OssiMend® Conformable Putty is a mineral-collagen composite bone grafting matrix with enhanced handling characteristics that enable it to be manipulated into a moldable, cohesive matrix to fit contours of irregular defects during surgical implantation and stay intact during irrigation of the surgical site. The principal components of OssiMend® Conformable Putty are anorganic bone mineral and type I collagen derived from bovine. The mineral particles are dispersed within collagen fibers forming a matrix consisting of about 55% bone mineral and 45% collagen. OssiMend® Conformable Putty is provided as a sterile, dry material that is hydrated with autogenous bone marrow at the point of use. It is intended for use in filling bony voids or gaps of the skeletal system (extremities, spine, pelvis) that are not intrinsic to the stability of the bony structure. OssiMend® Conformable Putty is fully resorbed during the natural process of bone formation and remodeling.

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<th>Catalog No.</th>
<th>Description</th>
<th>Quantity</th>
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OssiMend®
Conformable Putty
Mineral Component – Carbonate Apatite Structure

- Carbonate apatite structure is the same as human bone
- Carbonate apatite structures are better osteoconductive materials than hydroxyapatite
- Resorption and remodeling are similar to that of human bone

OssiMend® is a mineral-collagen composite matrix processed into strips, pads, blocks and putty for bone grafting procedures. The natural mineral and collagen are highly biocompatible. The resorption and remodeling profiles of OssiMend® are more similar to normal human bone than those of synthetic materials, such as hydroxyapatite or tricalcium phosphate.

REFERENCES

OssiMend® is a registered trademark of Collagen Matrix, Inc.

Collagen Matrix
Science • Technology • Innovation

Oakland Corporate Headquarters | 15 Thornton Road | Oakland, NJ 07436, USA
Tel 201.405.1477 | Toll Free 888.405.1001 | Fax 201.405.1355
www.collagenmatrix.com