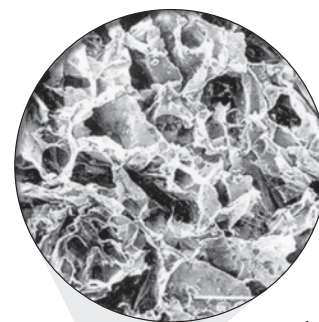


OssiMend®

Bone Graft Matrix

All-Natural Mineral-Collagen Bone Grafting Matrix

- Anorganic bone mineral and type I collagen
- Highly purified, biocompatible matrix
- Osteoconductive
- Osteoinductive and Osteogenic in conjunction with autogenous bone marrow
- Resorbable
- Excellent handling

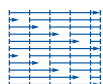


Magnification X50



OssiMend® Bone Graft Matrix is a mineral-collagen composite matrix processed into strips and pads for surgical implantation. The principal components of OssiMend® are anorganic bone mineral and type I collagen derived from bovine. The mineral particles are dispersed within collagen fibers forming a three dimensional open porous matrix consisting of about 55% bone mineral and 45% collagen. OssiMend® is provided as a sterile, dry material that is hydrated with autogenous bone marrow at the point of use. OssiMend® strips and pads can be cut into shapes and are designed to retain their shape and physical integrity following implantation into a bony site. OssiMend® is fully resorbed during the natural process of bone formation and remodeling.

Catalog No.	Dimensions			Qty. Per Box
	Width, cm	Length, cm	Thickness, cm	
MCC2020-1	2	2	0.5	2cc, 1 Pad
MCC2020	2	2	0.5	4cc, 2 Pads
MCC2050	2	5	0.5	10cc, 2 Strips



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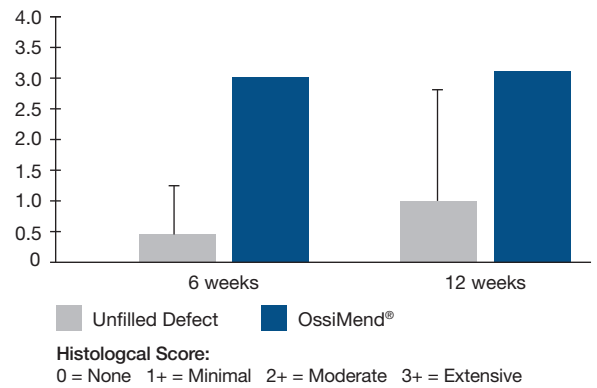
OssiMend®

Bone Graft Matrix

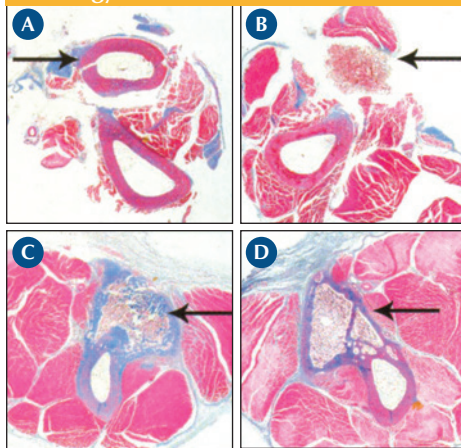
In Vivo Study in a Rabbit Radius Defect Model¹

- OssiMend® soaked with bone marrow
- Critical size defect in the radius bone
- Unfilled defects as control
- Endpoints were histology and radiography
- New bone formation at 6 & 12 weeks

New Bone Formation of OssiMend® (6 & 12 weeks)



Histology of OssiMend® (6 & 12 weeks)



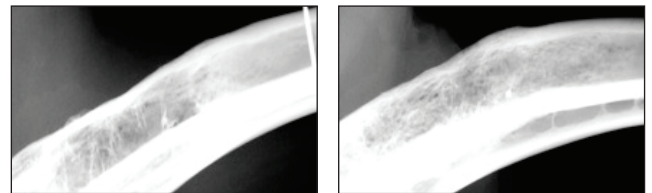
Histology of Radius (→)

- Intact radius, no defect
- Showing OssiMend® in place at day zero
- OssiMend® / new bone at 6 weeks
- OssiMend® / new bone at 12 weeks

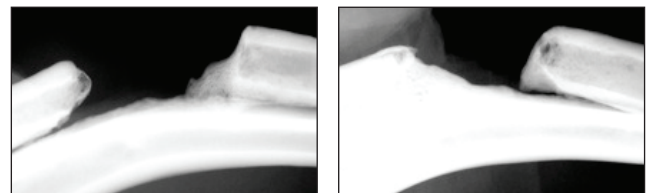
OssiMend® is a registered trademark of Collagen Matrix, Inc.

Radiographs of OssiMend® (6 & 12 weeks)

OssiMend®



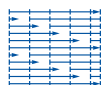
Unfilled Defect



6 weeks

12 weeks

¹ Speer, D, et al. A Collagen-Anorganic Bone Composite for Bone Repair: Part II: In Vivo Study in a Rabbit Radius Defect Model, *Society for Biomaterials*, Poster 525 Pittsburgh, PA, 2006.



Collagen Matrix, Inc.

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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