BIO DBM

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Knees
Trauma & Extremities
Foot & Ankle
Joint Preservation
Orthobiologics & Biosurgery

MedSurge
Power Tools & Surgical Accessories
Computer Assisted Surgery
Endoscopic Surgical Solutions
Integrated Communications
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Reprocessing & Remanufacturing

Neurotechnology & Spine
Craniomaxillofacial
Interventional Spine
Neurosurgical, Spine & ENT
Neurovascular
Spinal Implants

Available through:
Stryker Spine
2 Pearl Court
Allendale, New Jersey 07401
Phone: +1 201 760 8000
Fax: +1 201 760 8108
www.stryker.com

1. Data on file at RTI Surgical, Inc.
2. Data on file Allosource

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Ordering Information

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<th>Description</th>
<th>Size</th>
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<td>Syringe</td>
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<tr>
<td>BIO DBM Putty</td>
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References
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2. Data on file at RTI Surgical, Inc.
BIO DBM Putty, Putty Plus, and Gel

- Demonstrated equivalent bone formation results to autograft in standard posterior lateral fusion model in adult rabbits.
- Reversed Phase Medium Carrier is designed to provide excellent handling.
- Formulated to resist irrigation.
- Every lot is tested to confirm osteoinductive potential.
- Putty Plus configurations contain cancellous bone.

High Osteoinductive Potential

Variability in allograft tissue is always a concern as no two donors are alike, which is why each lot of BIO DBM Putty, Gel and Plus are tested using a highly regarded in vivo test to confirm osteoinductive potential.

DBM combined with a reverse phase medium demonstrated equivalent bone formation results to autograft in standard posterior lateral fusion model in adult rabbits.

Three dimensional reconstructed CT images show evidence of bone formation in both the autograft and DBM specimen. No bone formation appears in the control specimen. Study showed no statistical difference when compared to autograft.

Gel

- Syringe injectable
- Vial packaged
- 1, 5 and 10cc sizes

Putty and Putty Plus

- Vial packaged
- Resists irrigation
- 1, 2.5, 5 and 10cc sizes
- Putty Plus contains cancellous bone

BIO DBM Boat and Shapes

- Natural biologic scaffold to support bone ingrowth.
- Sterilized with validated tissue sterilization processes that include viral inactivation steps.
- High tolerance for manipulation and irrigation.

BIO DBM Boat vs. Leading Competition

Both the Stryker BIO DBM Boat and Osteotech Grafton Matrix PLF show histological evidence of new bone formation in athymic rat ectopic pouch model. The bone formation scores achieved at each time point for BIO DBM Boat were comparable to those attained for Grafton Matrix PLF.

The BIO DBM Boat graft, however, reached higher levels of bone formation at a faster rate than the Grafton Matrix PL graft.

Figure 1: Average percentage of new bone formation for each implant group over 12 weeks. Nine implants across three lots/donors were averaged.

Figure 2: Average bone maturity score for each implant group over 12 weeks. Nine samples across three lots/donors were averaged.

Shapes

- Easily molded into small anatomy applications.
- Designed for rapid hydration and high volume retention of blood or saline.
- Pliable consistency allows for easy irrigation of bone/allograft chips.
- 1, 2.5 and 6cc sizes.