InterGro® DBM

Biomet...
Shaping the Future of DBM

• InterGro® Putty
• InterGro® Paste
• InterGro® Plus
InterGro® DBM is a validated osteoinductive demineralized bone matrix in a natural lecithin carrier, and is available as a 40% DBM putty, a 35% DBM paste, or 35% DBM Plus pre-mixed with resorbable coralline hydroxyapatite granules.

The natural quality of the carrier and its outstanding containment and handling characteristics enable the surgeon to mold it to surgical sites, even in the presence of excessive fluids and under lavage.

**InterGro® DBM Family**

Validated osteoinductive DBM with a natural, lipid carrier that allows for irrigation

- DBM that won’t wash away or migrate – formulated with a natural lipid carrier that is resistant to breakdown by bodily fluids or temperature
- Excellent handling and performance characteristics – tolerates lavage/irrigation
- Engineered to deliver optimized biologic activity
- Every lot is bioassayed to demonstrate osteoinductive capabilities
- Off-the-shelf, moldable tissue graft; no mixing required – use with your preferred technique
- InterGro® Plus with Pro Osteon® 500R Resorbable Granules has excellent handling properties
- Easy to use – pre-loaded in a syringe or vial, stored at room temperature
- Safe – all tissue undergoes extensive viral, microbiological and serological testing; HIV/PCR testing is done on every donor
- Comes in an array of convenient delivery sizes for a range of uses

InterGro® DBM Putty is simple to use and can be formed into any desired shape

InterGro® DBM is also available as an injectable, DBM paste (2cc or 5cc)

DBM used in the InterGro® products is processed and screened according to strict industry standards

The lipid carrier is resistant to bodily fluids, ensuring that InterGro® DBM Putty stays in place and will not wash away

Shaping Positive Outcomes Is Your Primary Concern.
Giving You The Proper Tools To Do That Is Ours.
**Histology of DBM + Lecithin Implant**

- Intramuscular and subcutaneous implantation sites
- Abundant bone growth is shown in the DBM + Lecithin implant
- Total bone and tissue volume increased in the DBM + Lecithin implant

**Osteoinductivity**

- Alkaline phosphatase activity (ALP) is a measurement of osteoinductivity
- Urist found that endogenous lipids are closely associated with BMP and facilitate heterotopic bone formation
- 48 Fisher rats, sub-Q and IM 3-week implantation. H&E staining

**Percent DBM**

- InterGro® DBM is engineered to deliver optimized biologic activity. This was achieved by optimizing the lecithin/DBM ratio at 60/40, as demonstrated in the Nimni study.

**Non-Toxicity of Lecithin**

- Lecithin enhances the osteoinductivity of DBM. Han B., Tang B., Shios A., Nimni M. University of Southern California, Los Angeles, CA. 90033 (Submitted for publication).

3. Animal studies are not indicative of human clinical outcomes.

**Reference:**

Dose-dependent toxicity of a commercially available demineralized bone matrix material. Wang, J., Kanim, L., Nagakawa, S., Yamane, H., Davies, M., Dawson, E., Los Angeles, CA.
At Biomet, engineering excellence is our heritage and our passion. For over 25 years, through various divisions worldwide, we have applied the most advanced engineering and manufacturing technology to the development of highly durable systems for a wide variety of surgical applications.

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