

Clinically-Proven, Easy to Use, Osteoinductive Bone Graft Substitute

Grand Biologics' Putty and Gel are unique bone graft substitutes composed of demineralized bone matrix in a reverse phase medium. Used either alone or as a bone graft extender, both products help promote successful surgical outcomes as shown in two multicenter studies.

Multicenter Studies Findings

Grand Biologics' DBM Putty plus autogenous bone demonstrated statistically equivalent efficacy based on radiographic assessments in promoting bone fusion compared to the use of autogenous bone alone in patients undergoing posterior lumbar fusion procedure.

DBM Gel was tested in a prospective multi-center, randomized, single blind study to compare the efficacy of autogenous graft versus Grand Biologics' Gel plus autogenous graft. Results show that Grand Gel plus autogenous bone demonstrated statistically equivalent efficacy using reliable measures in promoting bone fusion compared to the used of autogenous bone alone in patients undergoing posterior lumbar fusion procedure.



Proven Osteoinductive Potential

A validated in vitro assay is used to confirm the osteoinductive potential of each lot of DBM, thus ensuring bone-forming potential.

Superior Handling

Grand Putty and Gel are highly malleable and pack well into any size or shape defect for maximum surgical flexibility.

Alternative to Autograft

Potential complications of iliac crest bone harvesting, such as morbidity, limited supply and pain make Grand Putty and Gel ideal autograft substitutes.

Excellent Graft Containment

Grand Putty and Gel thicken at body temperature and resist irrigation to minimize the likelihood of migration from the site.

E-Beam Sterilization

Every lot of Grand Putty and Gel is treated with a low-dose electron beam - a sterilization process that has been demonstrated to preserve the osteoinductivity of bone growth factors.

Ready to Use

Both products are available for immediate use with no refrigeration, thawing, mixing or other preparation required.

Ordering Information

Product #	Fill Volume	Container Type
Grand Gel		
977-0498	1.0 cc	Syringe
977-0499	5.0 cc	Syringe
977-0500	10.0 cc	Syringe
Grand Putty		
977-0087	1.0 cc	Vial
977-0091	5.0 cc	Vial
977-0088	10.0 cc	Vial