

Legacy™

Demineralized Bone Matrix



 **ORTHOFIX®**

Legacy™ Demineralized Bone Matrix (DBM) is a putty for voids or gaps that are not intrinsic to the stability of the bony structure. Legacy DBM provides a cost-effective option, without compromising clinical experience.¹



Osteoinductive

- Osteoinductive potential is evaluated on every lot²
- Demineralized Bone is aseptically processed to preserve the inherent growth factors
- No terminal sterilization post-processing which is known to have a negative impact on osteoinductivity up to 50%³



pH Balanced | Naturally Occurring

- Sodium Hyaluronate is a natural, biocompatible carrier⁴
- Provides desirable handling for a fully resorbable graft^{1,4}
- Sodium hyaluronate is essential in cell proliferation, migration, and adhesion, and has been correlated to angiogenesis^{5,6}

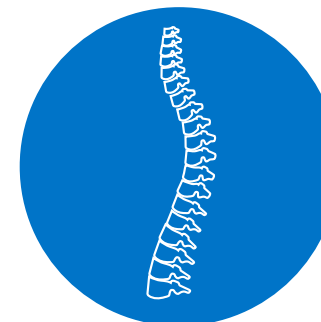
MTF Biologics has decades of experience processing DBMs. Tailored aseptic processing preserves the inherent growth factors natural to bone.

No hydration required. Legacy DBM provides a pre-hydrated, flowable putty for your clinical needs.

Versatile Clinical Applications

Legacy DBM is approved for use as an extender with autograft or allograft for:

SPINE



EXTREMITIES



PELVIS



Legacy DBM is indicated for the treatment of surgically created osseous defects or defects created from traumatic injury.



Legacy DBM may be used with bone marrow aspirate.

MTF Biologics

Legacy DBM

420800	0.5cc
420801	1cc
420802	2.5cc
420805	5cc
420810	10cc

Orthofix

BMA Needle

21-5000	8 guage
21-5001	11 guage

Please visit [Orthofix.com/IFU](https://www.orthofix.com/IFU) for full information on indications for use, contraindications, warnings, precautions, adverse reactions information and sterilization.

References:

1. Gertzman A and Sunwoo M. A pilot study evaluating sodium hyaluronate as a carrier for freeze-dried demineralized bone powder. *Cell Tissue Bank*, 2001; pp. S87-S94.
2. Data on file with MTF Biologics.
3. Gertzman A, et al. The Effect of Cold Gamma Radiation Sterilization on the Properties of Demineralized Bone Matrix. In: Kennedy J, Philips G, Williams P, editors. *Sterilization of tissues using ionizing radiations*. CRC Press, 2005; p. 151-156.
4. Zhai P, et al. The Application of Hyaluronic Acid in Bone Regeneration. *International Journal of Biological Macromolecules*, 2020; 151, pp. 1224-1239.
5. Fraser JR and Laurent TC. Turnover and metabolism in Hyaluronon. In: Evered D, Whelen J, editors. *Biology of Hyaluronon*. Wiley, 1989; pp. S41-S59.
6. Orledge A and D'Amore P. Cell specific effects of glycosaminoglycans on the attachment and proliferation of vascular wall components. *Microvasc Res*, 1986; 31, pp. S41-S43.

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Musculoskeletal Transplant Foundation
800-433-6576
www.mtfbiologics.org

Represented by
Orthofix US LLC
888-298-5700
www.Orthofix.com

