

# 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.<sup>1</sup>**



**Osteoinductive**

- Osteoinductive potential is evaluated on every lot<sup>2</sup>
- 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%<sup>3</sup>



**pH Balanced | Naturally Occurring**

- Sodium Hyaluronate is a natural, biocompatible carrier<sup>4</sup>
- Provides desirable handling for a fully resorbable graft<sup>1,4</sup>
- Sodium hyaluronate is essential in cell proliferation, migration, and adhesion, and has been correlated to angiogenesis<sup>5,6</sup>

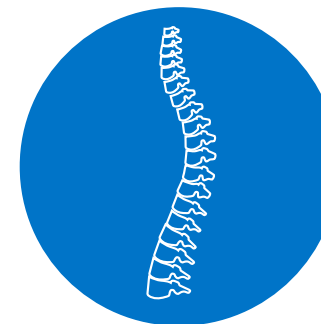
MTF Biologics has decades of experience processing DBMs. Tailored aseptic processing preserves the inherent growth factors natural to bone.

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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