

WishBONE Mg™

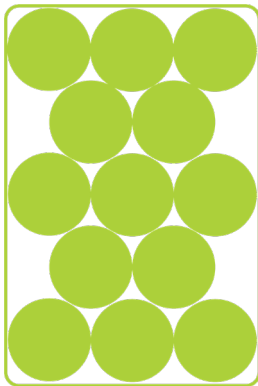
MAGNESIUM-BASED BONE VOID FILLER

WishBONE Mg™ is made from a pre-measured blend of magnesium, phosphates and a pre-measured proprietary solution. When mixed and molded/injected according to the instructions for use, the product will harden in situ at the defect site.^{2,4}



Calcium Phosphate

- ⚡ Porosity/Particle Size =
- + ⚡ Mechanical Strength
- ⚡ Resorption Time



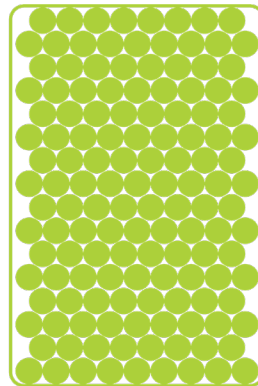
Magnesium Phosphate

- Improved Porosity/Particle Size =
- ⚡ Mechanical Strength
- ⚡ Resorption Time



Calcium Sulfate

- ⚡ Porosity/Particle Size =
- + ⚡ Resorption Time
- ⚡ Mechanical Strength



HIGH STRENGTH. LIGHTWEIGHT. OSTEOCONDUCTIVE.

INJECTABLE & MOLDABLE

Designed to provide optimized consistency for use in multiple orthopaedic applications^{3,5}

FULLY SYNTHETIC MATERIAL

Enhanced quality control and increased product availability with reduced product morbidity compared to human tissue⁵

RADIOPAQUE

Product easily identifiable in situ²

EXCELLENT BINDING CHARACTERISTICS

Designed to provide optimal product stability and fixation at operative site¹⁻⁵

HIGH COMPRESSIVE STRENGTH

Surface topography to support bone formation enhances structural stability and biocompatibility²⁻⁵

TEMPERATURE SETTING CONTROL

Designed for optimal workability and curing time^{3,4}

THIXOTROPIC PROPERTIES

Curing time designed to allow for intra-operative flexibility and reduction of waste²⁻⁴

WishBONE Mg™

MAGNESIUM-BASED BONE VOID FILLER

BONE VOID FILLER KITS

- 1 Liquid & Powder Set (5cc, 10cc, or 15cc)
- 2 Mixing Syringe
- 3 Funnel
- 4 Basin
- 5 Spatula
- 6 4.2mm Cannula
- 7 4.2mm Pusher

Not pictured:
Sterile Implant Kit IFU



MIXING AND DELIVERY SYSTEM

- 1 Mixing Syringe
- 2 Funnel
- 3 Open Bore Cap
- 4 4.2mm Cannula
- 5 4.2mm Pusher
- 6 8mm Cannula
- 7 8mm Pusher
- 8 Mechanical Advantage



Please refer to the surgical technique for more information.

Claims based on critically sized rabbit lateral condyle defect model, rabbit anterior cruciate ligament reconstruction, equine metacarpal and metatarsal fracture fixation, and equine metatarsal osteotomy. It is unknown how results from the rabbit or equine models compare with clinical results in humans.

1. Ref. Bone Solutions Test Report: 10188 Rev. A / Data on file 2. Waselau M, Samii VF, Weisbrode SE, Litsky AS, Bertone AL. Effects of a magnesium adhesive cement on bone stability and healing following a metatarsal osteotomy in horses. Am J Vet Res. 2007;68(4):370-3 3. Hirvinen LJ, Litsky AS, Samii VF, Weisbrode SE, Bertone AL. Influence of bone cements on bone-screw interfaces in the third metacarpal and third metatarsal bones of horses. Am J Vet Res. 2009;70(8):964-972. 4. Kim MS, Kovacevic D, Milks RA, et al. Bone Graft Substitute Provides Metaphyseal Fixation for a Stemless Humeralus 5. Gulotta LV, Kovacevic D, Ying L, Ehteshami JR, Montgomery S, Rodeo SA. Augmentation of tendon-to-bone healing with a magnesium-based bone adhesive. Am JSports Med. 2008;36(7):1290-1297.



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For ordering information, please visit the WishBone Medical product catalog online at www.wishbonemedical.com/catalog.

For product information, including indications, contraindications, warnings, precautions and potential adverse effects, visit www.WishBoneMedical.com.
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