

**MIIG<sup>®</sup> X3 HiVisc**  
High Viscosity/Extended  
Work Time Formulation

\*Based on critically sized canine proximal humerus defect model. It is unknown how results from the canine model will compare with results in humans.

High Viscosity.  
Longer Injection Time.  
Remodels into Bone.\*

Create Motion.<sup>®</sup>



# MIIG<sup>®</sup> X3 HiVisc

## High Viscosity. Extended Work Time Formulation

Defects are a common problem resulting from traumatic injury and/or degenerative disease conditions. Often these defects are found in patient populations in which minimal surgical intervention is greatly desired to maximize the healing prospects. MIIG<sup>®</sup> X3 HiVisc Graft was specifically engineered for minimally-invasive grafting of complex defects to serve as an intraoperative augment to supporting hardware. This next generation high-strength, injectable and resorbable graft is now available in a high viscosity formulation to minimize extravasation and is slow setting for more operative flexibility.

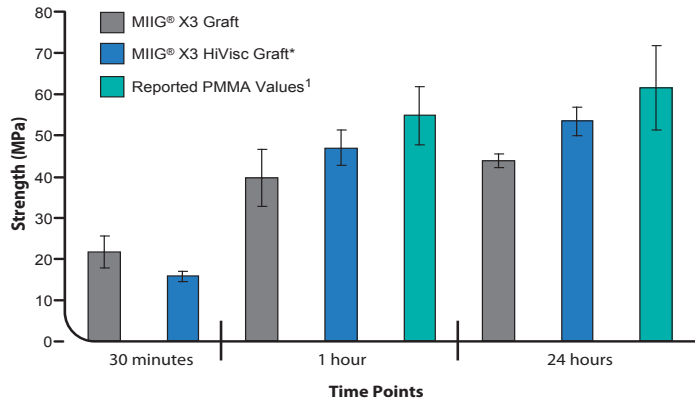
The MIIG<sup>®</sup> X3 HiVisc Graft Formulation Provides Additional Work Time\*:

MIIG <sup>®</sup> Graft	Injection Time
MIIG <sup>®</sup> X3 HiVisc Graft	8 - 11 minutes
MIIG <sup>®</sup> X3 Graft	2 - 3 minutes
MIIG <sup>®</sup> 115 Graft	1 minute

\*Injection times are approximate.



### Compressive Strength In Vitro

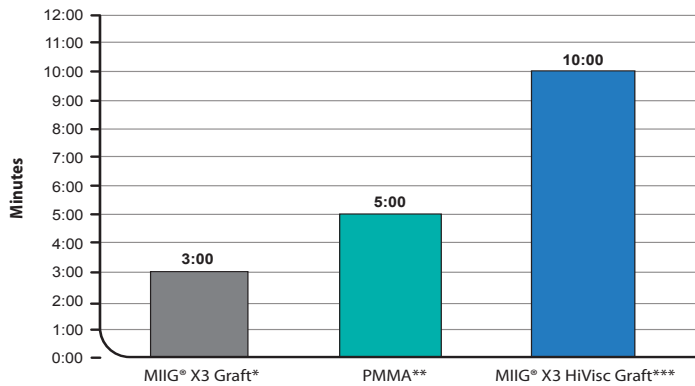


Data on file.

\* MIIG<sup>®</sup> X3 HiVisc Graft compressive strength equivalent to MIIG<sup>®</sup> X3 Graft.

<sup>1</sup> Belkoff SM, et al. The effect of the monomer-to-powder ratio on the material properties of acrylic bone cement. *J Biomed Mater Res (Appl Biomater)* 2002; 63:396-399. Monomer-to-powder ratio was 0.45 ml/g.

### Injection Time



Data on file.

\* 30cc syringe, 11G 6cm needle

\*\* ORTHOSET<sup>®</sup> 3. Low Viscosity Cement - 3cc syringe, 11G 6cm needle

\*\*\* 3cc syringe, 11G 6cm needle

### Ordering Information

#### High Viscosity, Slow Set

84SS-0415	MIIG <sup>®</sup> X3 HiVisc Graft - High Viscosity/Extended Work Time Formulation	15cc
84XS-0404	Micro MIIG <sup>®</sup> HV Procedure Kit	4cc

#### Standard Set

84XS-0405	mini MIIG <sup>®</sup> X3 Graft - High-Strength Injectable Graft for Small Bone Voids	5cc
84XS-0415	MIIG <sup>®</sup> X3 Graft - High-Strength Injectable Graft for Bone Voids	15cc



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SK416-511