



## ENHANCE® Demineralized Cortical Fibers

ENHANCE® Demineralized Cortical Fibers are a unique and versatile bone void filler comprised of 100% demineralized cortical bone offering surgeons putty-like handling characteristics and the ability to customize the rehydration process with BMA, PRP, whole blood or saline. In pre-clinical models ENHANCE Demineralized Cortical Fibers have been shown to provide consistent osteoinductive potential at higher levels than observed in alternate bone graft options.<sup>2</sup>

### Allograft Bone Void Filler



In partnership with



**MICROPOWER®**  
SYSTEM



**MICRO 100™**  
SURGAIRTOME TWO®



**EVANS**  
ALLOGRAFT WEDGE



To learn more about these and other innovative products, call **800-448-6506** or visit **ConMed.com**.

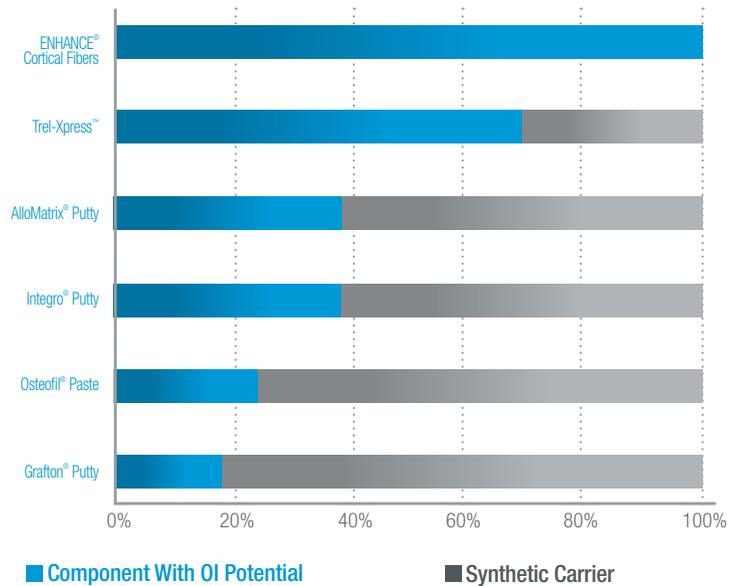
# 100% Cortical Bone That Handles Like a DBM Putty

ENHANCE<sup>®</sup>  
DEMINERALIZED  
CORTICAL FIBERS



Options for filling bone voids have been limited to synthetic scaffolds and DBM putties which consist of a small percentage of bone and a larger percentage of synthetic carrier. With the introduction of ENHANCE<sup>®</sup> Demineralized Cortical Fibers (DCFs), surgeons now have a solution offering 100% demineralized cortical bone that provides the handling properties of a DBM without sacrificing bone content and without adding a synthetic carrier.

## Bone Content Comparison



Osteoinductive and non-inductive components by % weight (as reported in product specifications).

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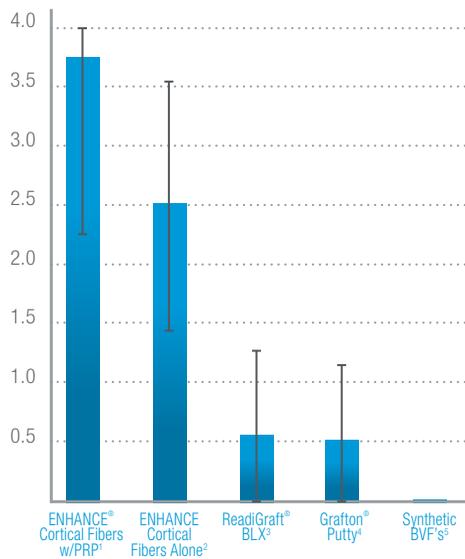
ConMed Provides High-Quality Tissue in Partnership with MTF

*MTF has some of the most stringent donor selection criteria of any tissue bank in the world, helping ensure tissue of the highest quality.*

# Increased Osteoinductive Potential

ENHANCE® Demineralized Cortical Fibers (DCF) are 100% demineralized cortical bone milled into a fibrous structure optimally designed to provide osteoinductive potential. MTF's proprietary processing techniques preserve and expose the endogenous growth factors found in cortical bone as well as open large protein surface areas to enhance cellular attachment and proliferation potential.<sup>2</sup>

## Osteoinductivity Comparison



■ Osteoinductivity I Standard Deviation

OI comparison chart showing the ENHANCE Demineralized Cortical Fibers with PRP;<sup>1</sup> ENHANCE Demineralized Cortical Fibers alone;<sup>2</sup> LifeNet Readigrift® BLX Demineralized Fibers in the Athymic Mouse Model, 2013.<sup>3</sup> Medtronic Grafton® Putty;<sup>4</sup> Osteoinductive Scoring Scale ranking 0 (No evidence of new bone formation) to 4 (>75% of the section covered in new bone).<sup>5</sup>

Now, surgeons have a bone void filler that handles exactly as needed, but offers the additional benefit of increased osteoinductive potential as compared to other commercially available bone void fillers.

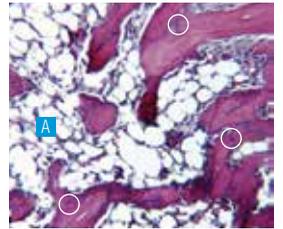
1. Dunn, Osteoinductivity of MTF Demineralized Cortical Fibers with CASCADE® Platelet Rich Plasma in the Athymic Mouse Model, 2013. 2. Data on File, MTF. 3. Dunn, Osteoinductivity of LifeNet Readigrift® BLX Demineralized Fibers in the Athymic Mouse Model, 2013. 4. Dunn, Osteoinductivity of Medtronic Grafton® Putty in the Athymic Mouse Model, 2013. 5. Draft Standard: Standard Guide for the Assessment of Bone Inductive Materials, ASTM F04.4 Division, Draft by Barbara Boyan, Univ. of Texas Health Science Center at San Antonio, downloaded from ASTM website 5-8-2000.

Osteofil is a registered trademark of RTI Biologics, Inc. Integro is a registered trademark of Interpore Orthopedics, Inc. AlloMatrix is a registered trademark of Wright Medical Technology, Inc. Trel-Xpress is a trademark of Integra LifeSciences Corporation. Grafton is a registered trademark of Medtronic, Inc. Readigrift is a registered trademark of LifeNet.

○ Osteocytes

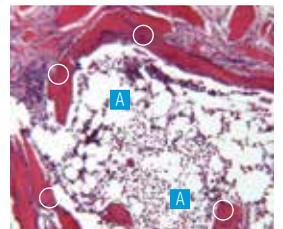
□ Marrow

### CORTICAL FIBERS ALONE



Cortical Fibers demonstrating the presence of a large region of new bone formation with marrow, and osteocytes embedded in the newly formed bone. H&E stain; 100X magnification; BAR = 100 μm.<sup>1</sup>

### CORTICAL FIBERS WITH PRP



Cortical Fibers with PRP demonstrating the presence of new bone formation with marrow, and osteocytes embedded in the newly formed bone. H&E stain; 100X magnification; BAR = 100 μm.<sup>1</sup>



525 French Road, Utica, NY 13502

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DEMINERALIZED  
CORTICAL FIBERS

In partnership with



## Ordering Information

Description	Size	Catalog Number
<b>Demineralized Cortical Fibers</b>		
Demineralized Cortical Fibers	2.5cc	422204
Demineralized Cortical Fibers	5cc	422205
Demineralized Cortical Fibers w/Syringe	5cc	422105
<b>Bone Marrow Aspirate</b>		
BMA Needle w/Syringe		910042

To order Allograft Tissue call MTF customer service at 800-433-6576, or +1-732-661-0202.

Local 727-392-6464  
Toll Free 1-800-237-0169

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