

KORE FIBER™
DEMINERALIZED CORTICAL FIBER

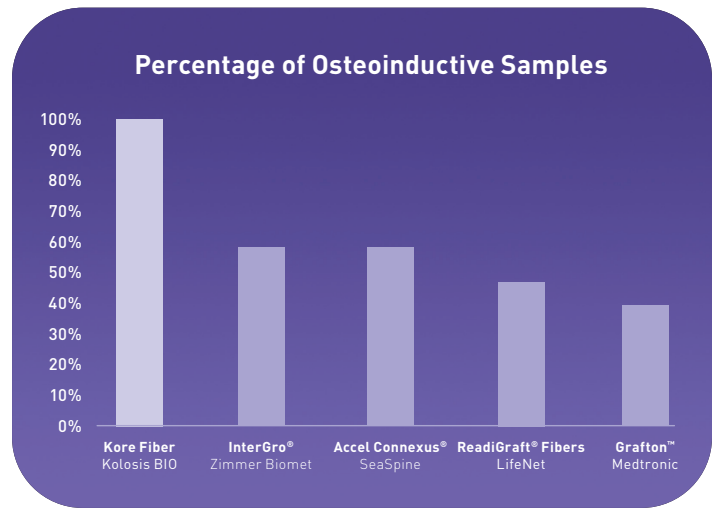
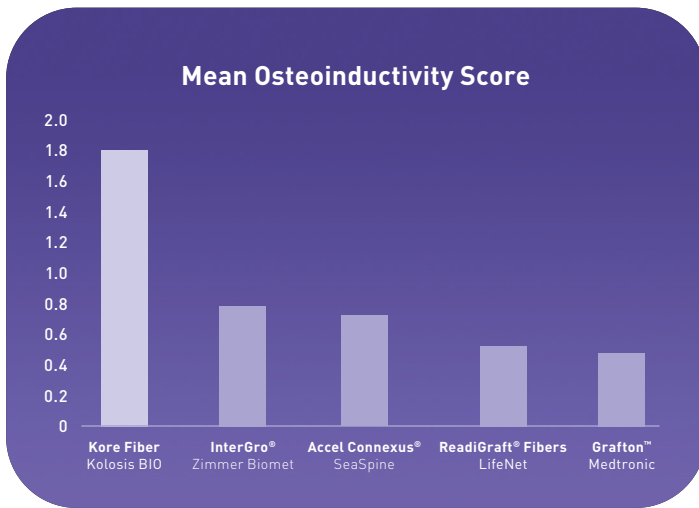
Represented by
 **KOLOSIS**BIO

 **mtf**biologics

This Fiber is Inductive!

More Osteoinductive Potential Than Leading Grafts; Every Single Donor Lot Tested

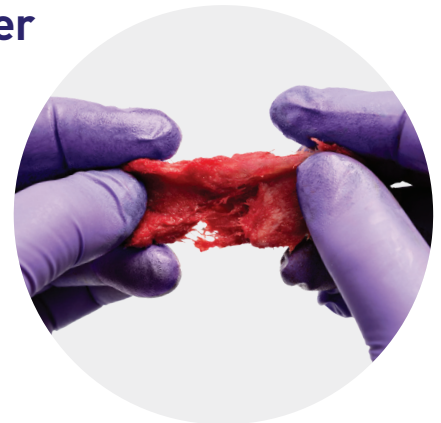
Head-to-head testing proves it: Kore Fiber has higher osteoinductivity than commercially available grafts from Medtronic, SeaSpine®, and Zimmer Biomet¹



The Extraordinary Handling Properties of Kore Fiber

Optimized for Clinical Precision and Back-Table Ease

Once it's in your hands, you'll understand what we're talking about. MTF fibers are moldable and versatile, while providing outstanding wet field integrity. **Mitigate graft migration concerns with Kore Fiber**










Kore Moldable Fiber

Behold, Kore Fiber Architecture!

- Formulation composition: **100%** cortical bone fibers
- Kore Fiber's three-dimensional architecture provides an ideal **osteoconductive** environment, resulting in easy cell attachment and continued binding throughout the remodeling process¹
- Both animal and bench-top studies display Kore's powerful, dynamic spectrum of **osteoinductive** growth factors¹:

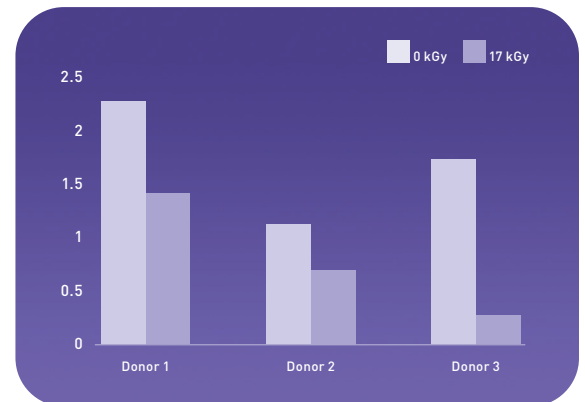


 BMP-2 Differentiation of MSCs into osteoprogenitor cells, chondrocytes and osteoblasts	 BMP-7 Differentiation of osteoprogenitor cells into osteoblasts	 PDGF-BB Mitogenic for MSCs and osteoblasts and responsible for macrophage chemotaxis	 FGF-1 Mitogenic for MSC, chondrocytes, and osteoblasts. Promotes vascularization	 IGF-1 Promotes proliferation and differentiation of osteoprogenitor cells	 TGF-β Pleiotropic growth factor responsible for stimulation of undifferentiated MSCs	 VEGF Promotes migration and proliferation of osteoblasts. Promotes angiogenesis
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Aseptic Processing: The Key to Allograft Tissue Performance

Stringent Donor Criteria; NEVER Terminally Sterilized

- MTF Biologics accepts less than 2% of donated tissue²
- MTF's proprietary aseptic processing ensures preservation of key biological matrices and vital matrix proteins¹
- Terminal sterilization has been shown to impair mechanical functionality³, reduce cell proliferation rates⁴, and considerably reduce osteoinductivity of cortical bone⁵. **We don't do that**



MTF aseptically processed cortical matrix exposed to a terminal gamma radiation dose of 17.2 kGy; the osteoinductive potential in the three separate lots tested was **reduced by approximately 50%**¹

Partner with a processor that has spent over 30 years Honoring Donated Gifts



MTF Biologics is a global nonprofit and physician-led organization, headquartered in Edison, New Jersey. MTF Biologics has spent more than 30 years honoring donated gifts by developing innovative, effective allograft solutions to help people heal. From orthopedics to wound care to plastic and reconstructive surgery, MTF is dedicated to scientific progress and patient advocacy. **Kolosis BIO partners exclusively with MTF for all tissue-forms**



Kore Moldable Fiber

Size	Quantity	Order Number
1.0cc	1 each	423201
2.5cc	1 each	423202
5.0cc	1 each	423205
10cc	1 each	423210

MTF Biologics Customer Service

1-800-433-6576

Orders: mtfop@mtf.org

All other inquiries: mtfcs@mtf.org

MTF Biologics Reimbursement Support

1-866-369-9290

The Pinnacle Health Group, Inc.

mtf@thepinnaclehealthgroup.com



Kore Fiber Strip

Size	Total CCs	Quantity	Order Number
2.5cm x 5cm	8.75	1 each	423302
5cm x 5cm	17.5	1 each	423305
2.5cm x 10cm	17.5	1 each	423310

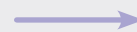
Represented by Kolosis BIO, LLC

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Learn More



¹Data on File (MTF Biologics)

²This information is based on 2017 data on file at MTF Biologics

³Islam, A., et al. (2016). "Gamma Radiation Sterilization Reduces the High-cycle Fatigue Life of Allograft Bone." *Clin Orthop Relat Res* 474(3): 827-835.

⁴Han, B., et al. (2008). "Effects of gamma irradiation on osteoinduction associated with demineralized bone matrix." *J Orthop Res* 26(1): 75-82.

⁵Munting, E., et al. (1988). "Effect of sterilization on osteoinduction. Comparison of five methods in demineralized rat bone." *Acta Orthop Scand* 59(1): 34-38.