

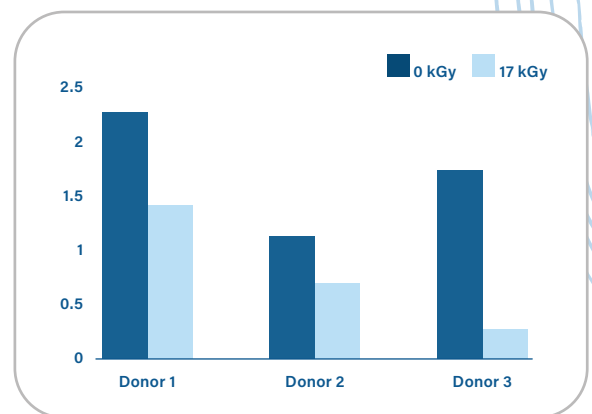
## Pre-Hydrated, Ready-To-Use, and Providing Outstanding Handling Characteristics

- Comprised of a proprietary formulation of elongated demineralized bone particles
- Pre-hydrated in a proprietary solution containing a preservative
- Available in a convenient, ready-to-use hydrated state
- Unlike other grafts, Prime HD can be easily combined with a solution like blood or bone marrow aspirate to enhance the properties of the graft
- Cohesive, moldable, with reliable wet field integrity
- >95% bone by volume
- Two-year shelf-life at ambient temperature

## Aseptic Processing: The Key to Allograft Tissue Performance

### Stringent Donor Criteria; NEVER Terminally Sterilized

- MTF Biologics accepts less than 2% of donated tissue<sup>1</sup>
- MTF's proprietary aseptic processing ensures preservation of key biological matrices and vital matrix proteins<sup>2</sup>
- Terminal sterilization has been shown to impair mechanical functionality<sup>3</sup>, reduce cell proliferation rates<sup>4</sup>, and considerably reduce osteoinductivity of cortical bone<sup>5</sup>. **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%**<sup>2</sup>

## 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**



### Prime HD is Available in Five Sizes:

Size	Quantity	Order Number
0.5cc	1 each	421005
1.0cc	1 each	421010
2.5cc	1 each	421025
5.0cc	1 each	421050
10cc	1 each	421100



#### MTF Biologics Customer Service 1-800-433-6576

Orders: [mtfop@mtf.org](mailto:mtfop@mtf.org)  
All other inquiries: [mtfcs@mtf.org](mailto:mtfcs@mtf.org)

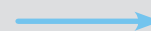
#### MTF Biologics Reimbursement Support 1-866-369-9290

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#### Represented by Kolosis BIO, LLC [kolosis.com](http://kolosis.com)

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Learn More



<sup>1</sup>This information is based on 2017 data on file at MTF Biologics  
<sup>2</sup>Data on File (MTF Biologics)

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

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

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