

OSTEOSTRAND® PLUS

100% DEMINERALIZED BONE FIBERS WITH ACCELL® BONE MATRIX
SALES BROCHURE

OSTEOSTRAND® PLUS

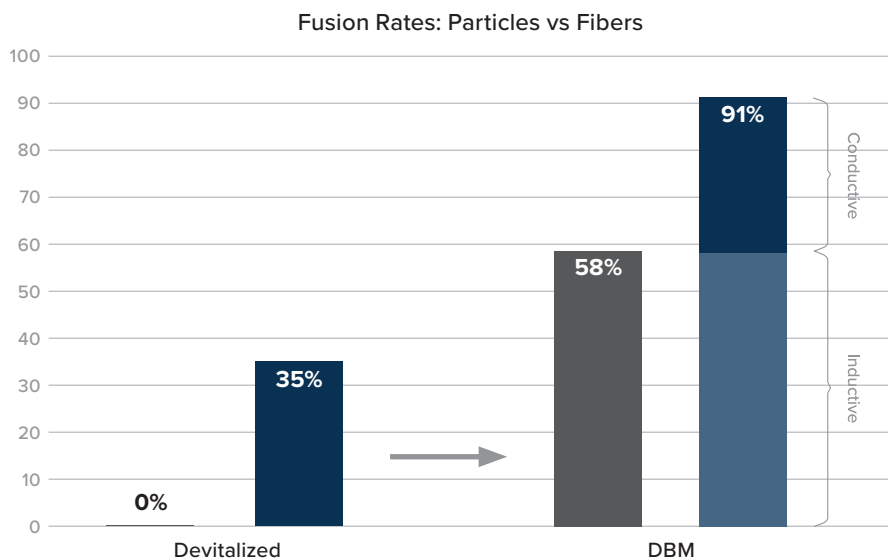
100% DEMINERALIZED BONE FIBERS WITH ACCELL® BONE MATRIX

BACKED BY SCIENCE

OsteoStrand® Plus fibers were developed through a disciplined R&D process that evaluated a variety of fiber geometries to deliver osteoinductivity, osteoconductivity, intraoperative handling and controlled expansion. OsteoStrand Plus is 100% demineralized bone fibers designed to unleash the maximum bone forming capacity and fusion potential. Combined with Accell Bone Matrix (ABM), OsteoStrand Plus provides both immediate and sustained release of growth factors critical to bone healing.

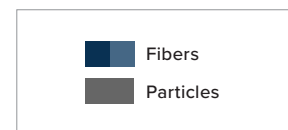
Cellular Highways: Fiber Geometry Maximizes Osteoconductivity

Martin et al., 1999¹



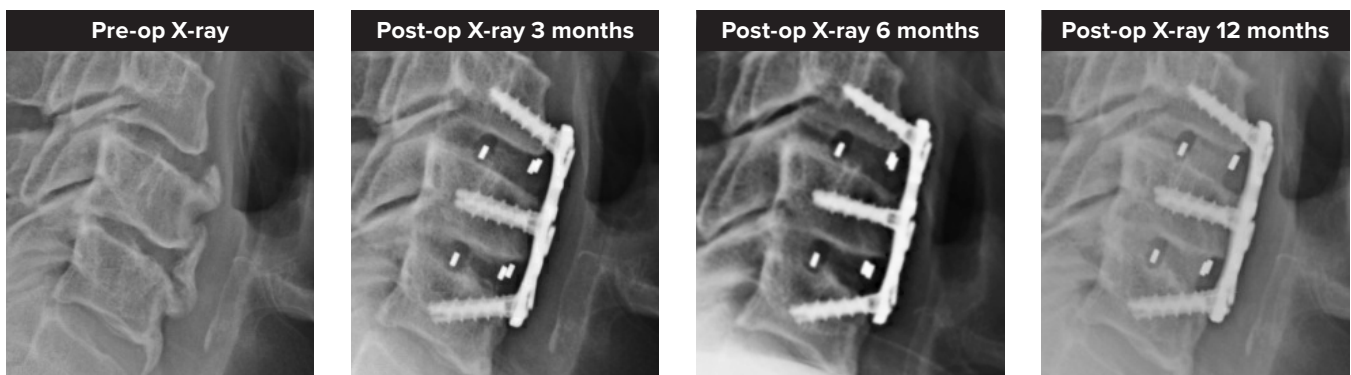
Study Conclusions

- Devitalized fibers (growth factors eliminated) generate 35% fusion
- Fiber geometry maximizes osteoconductivity compared to particle geometry



Early Bone Fusion Achieved with OsteoStrand Family Fibers

Olsson et al., 2023²



Example of two-level ACDF X-ray preoperation through 12 months postoperation

OSTEOSTRAND® PLUS FEATURES

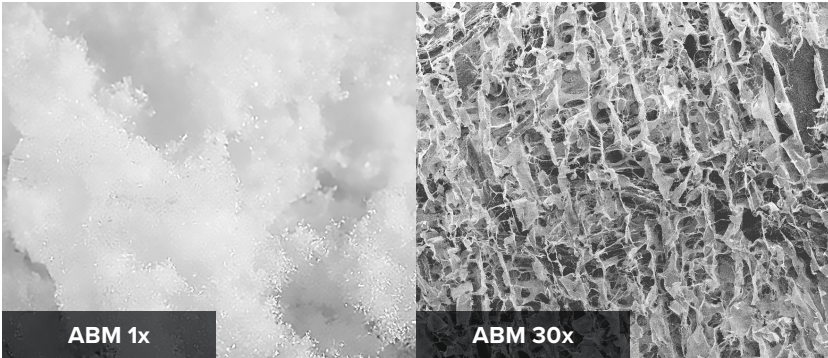
Specific Geometry

Long fibers provide exceptional handling and controlled expansion.

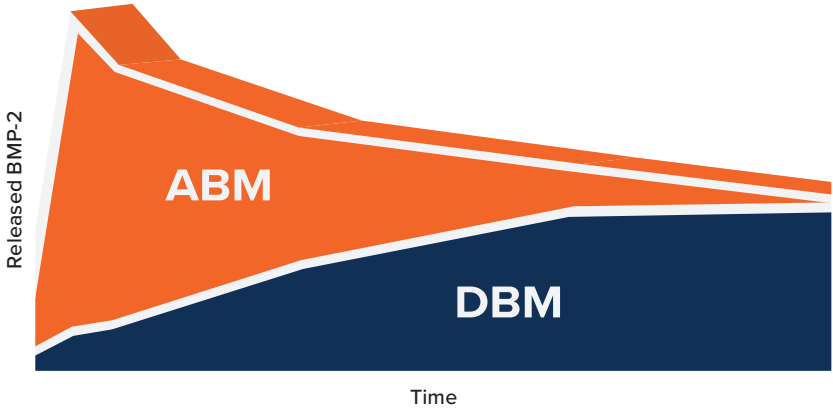


The Accell® Advantage

Patented ABM provides earlier access to naturally occurring bone proteins.



In Vitro Measure of BMP-2 Over Time

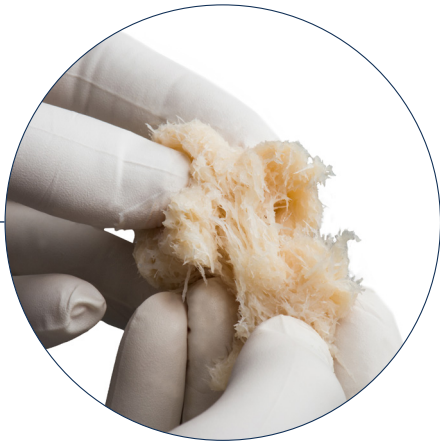


Expands to Fill Gaps

Wicks blood, bone marrow, and other physiological fluids to improve fill.



Fluid expressed



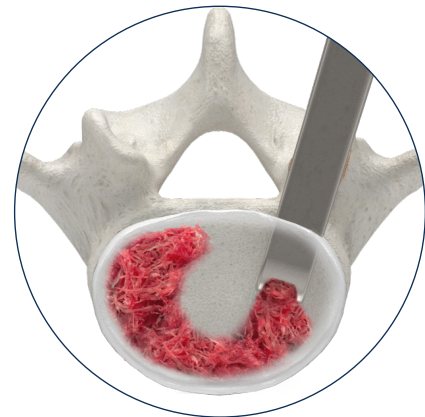
Moldable and Cohesive

Entangled fibers create a 3D interconnected matrix, removing the need for a carrier.



Simplicity of Hydration

Dried fibers extend shelf life while preserving osteoinductive potential. Luer lock portal (syringe option only) delivers a simple yet thorough hydration process with various hydration fluids.



Procedural Integration

Compatible with RAPID® System for seamless graft delivery.



logical fluids which allows grafts to expand and

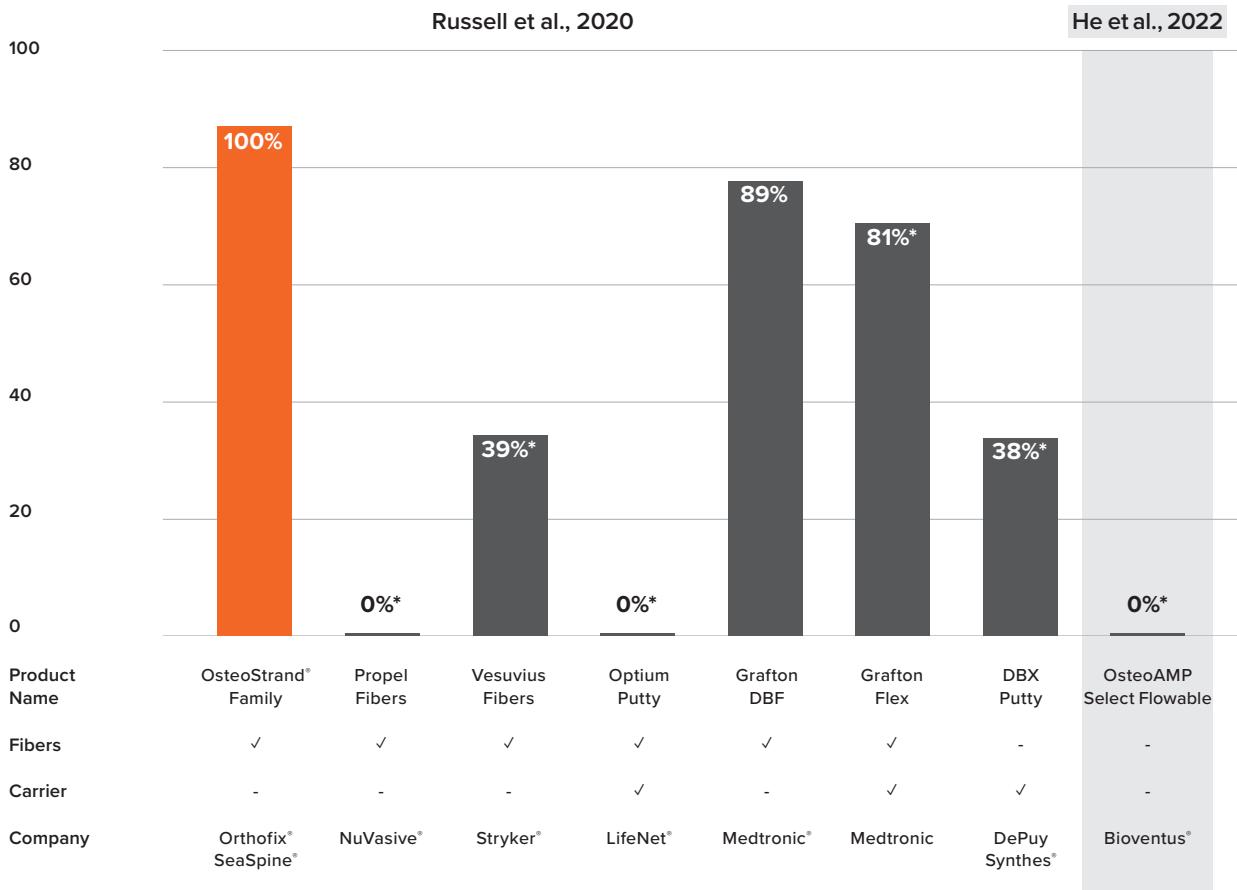


Rehydrated

DBM Quality and Quantity Matter

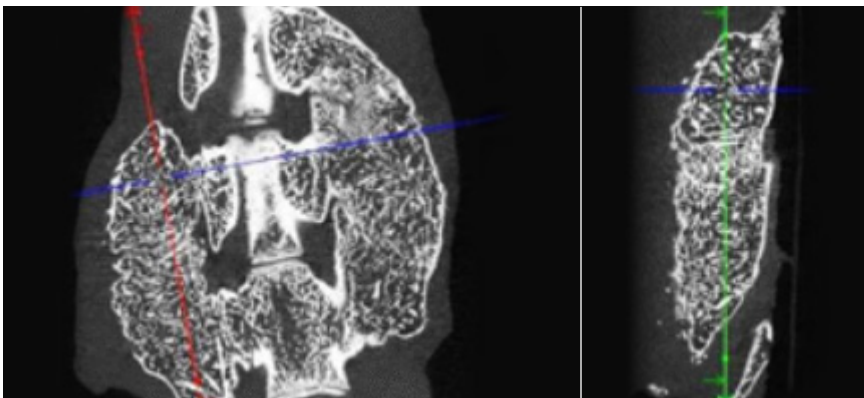
Russell et al., 2020³, He, et al., 2022⁴

Fusion by μ CT Bridging



*Indicates statistical significance relative to OsteoStrand family

Russell et al., 2020³



4-week μ CT of OsteoStrand[®] family

Study Conclusions

- OsteoStrand family fibers achieved 100% fusion
- DBM composition does not guarantee performance
- Strict tissue processing and quality standards correspond with improved product performance

OSTEOSTRAND® PLUS

100% DEMINERALIZED BONE FIBERS WITH ACCELL® BONE MATRIX

OSTEOSTRAND® PLUS ORDERING INFORMATION



Syringe

Product Volume	Part Number
X-small (1.25cc)	56730010
Small (2.5cc)	56730025
Medium (5cc)	56730050
Large (10cc)	56730100

Vial

Product Volume	Part Number
X-small (1.25cc)	56710010
Small (2.5cc)	56710025
Medium (5cc)	56710050
Large (10cc)	56710100

¹Martin Jr, G. J., Boden, S. D., Titus, L., & Scarborough, N. L. (1999). New formulations of demineralized bone matrix as a more effective graft alternative in experimental posterolateral lumbar spine arthrodesis. *Spine*, 24(7), 637-645.
²Olsson, E. (2023). The Achievement of Early Bony Fusion after Use of the OsteoStrand® Family Fibers in Single and Multi-Level Anterior Discectomy and Fusion: A Case Series. *SeaSpine White Paper*
³Russell, N., Walsh, W. R., Lovric, V., Kim, P., Chen, J. H., Larson, M. J., & Vizesi, F. (2020). In-vivo performance of seven commercially available demineralized bone matrix fiber and putty products in a rat posterolateral fusion model. *Frontiers in Surgery*, 7, 10.
⁴He, J., Larsen, M., Oliver, R., Lovric, V., Walsh, W. & Vizesi, F. (2022). Comparison of Commercially Available Orthobiologics in a Rat Spinal Fusion Model: OsteoAMP Select Flowable. *SeaSpine White Paper*

Refer to instructions for use for indications and important safety instructions.

For more information or to place an order, please contact:
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