OSTEOGENICS

INTRODUCING ZCORE™

porcine xenograft particulate

Zcore™ is an osteoconductive, porous, anorganic bone mineral with a carbonate apatite structure derived from porcine cancellous bone.

- *Interconnecting macroscopic and microscopic porous structure supports the formation and ingrowth of new bone*
- *88% to 95% Void Space: hyper-porosity of porcine cancellous matrix and intra-particle space facilitated by rough particle morphology reduce bulk density of the graft, allowing greater empty space for new bone growth**
- *Derived from porcine cancellous bone, eliminating risk of BSE transmission*
- *Heat treated to an optimal temperature that ensures a degree of crystallinity[1] consistent with native bone mineral to allow for remodeling of the healing bone*

*0.25 mm - 1.0 mm particle size = 88% void space, 1.0 mm - 2.0 mm = 95% void space

1. Li ST, Chen HC, Yuen D. Isolation and Characterization of a Porous Carbonate Apatite From Porcine Cancellous Bone. Science, Technology, Innovation, Aug. 2014: 1-13.

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ZCORE™

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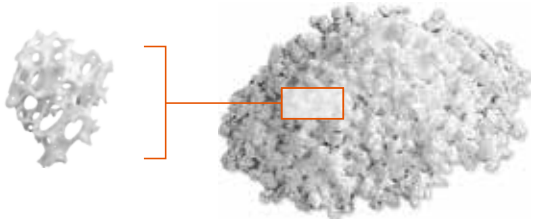
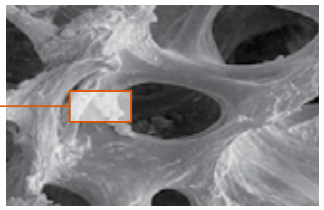
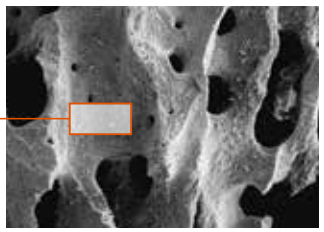
Proprietary processing steps preserve both interconnecting macroscopic and microscopic porous architecture.



SEM of Processed Human Bone
Magnification x50



SEM of Zcore™ Porcine Xenograft Particulate
Magnification x50



Zcore™ Porcine Xenograft Particulate

.25 mm - 1.0 mm Particle Size

0.5 cc	ZS050	(1 per box)
1.0 cc	ZS100	(1 per box)
2.0 cc	ZS200	(1 per box)
4.0 cc	ZS400	(1 per box)

1.0 mm - 2.0 mm Particle Size

1.0 cc	ZL100	(1 per box)
2.0 cc	ZL200	(1 per box)

Zcore™ Porcine Xenograft Particulate in Syringe

.25 mm - 1.0 mm Particle Size

0.25 cc	ZY025	(1 per box)
0.5 cc	ZY050	(1 per box)