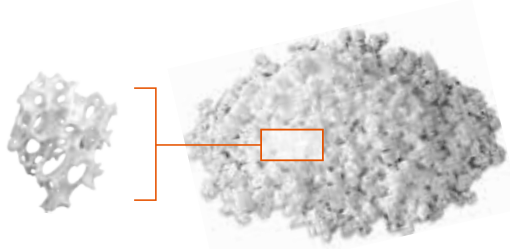


Zcore™ is an osteoconductive, porous, anorganic bone mineral with a carbonate apatite structure derived from porcine cancellous bone.



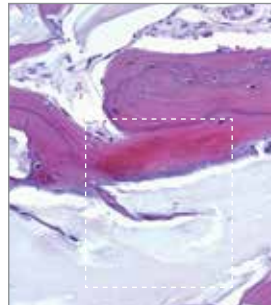
- ▶ Interconnecting macroscopic and microscopic porous structure supports the formation and ingrowth of new bone
- ▶ 88% to 95% Void Space: hyper-porosity of porcine cancellous matrix and intra-particle space facilitated by rough particle morphology reduce bulk density of the graft, allowing greater empty space for new bone growth*

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

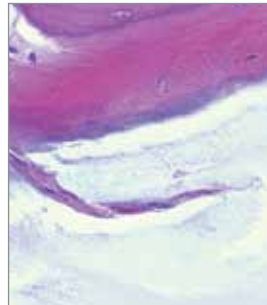
1. Li ST, Chen HC, Yuen D. Isolation and Characterization of a Porous Carbonate Apatite From Porcine Cancellous Bone. Science, Technology, Innovation, Aug. 2014: 1-13.



Magnification x 40
Histology of bone core harvested after 5 months of healing following ridge preservation using Zcore™ 0.25-1.0 mm particle size | H&E staining



Magnification x 200
Vital bone ingrowth into the inter-particle space of Zcore™



Magnification x 400
Case/histology courtesy of Gustavo Avila-Ortiz, DDS, MS, PhD University of Iowa College of Dentistry, Department of Periodontics

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



Available Sizes

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)

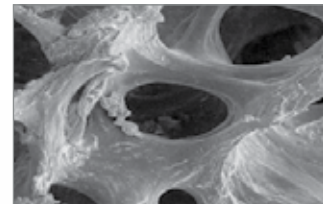
1.0 mm - 2.0 mm Particle Size

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

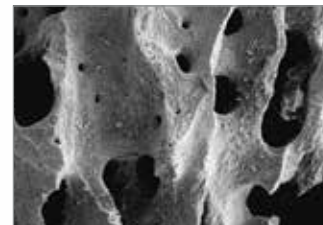
Zcore™ in Syringe

.25 mm - 1.0 mm Particle Size

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



SEM of Processed Human Bone
Magnification x50



SEM of Zcore™ Porcine Xenograft Particulate
Magnification x50