

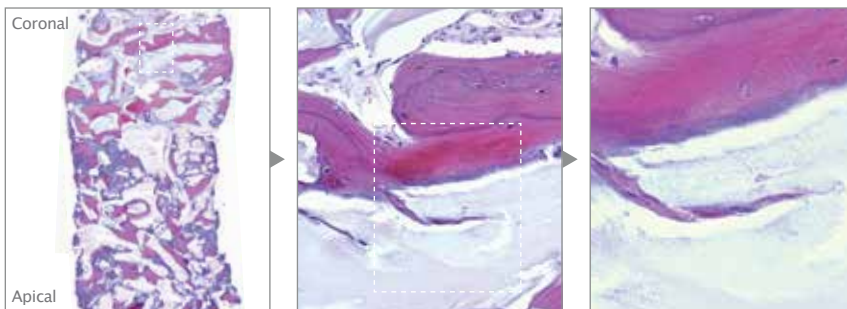


**Zcore™** is an osteoconductive, porous, anorganic bone mineral with a carbonate apatite structure derived from porcine cancellous bone.

- ▶ 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 x4 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 x20 Vital bone ingrowth into the inter-particle space of Zcore™

Magnification x40x 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.



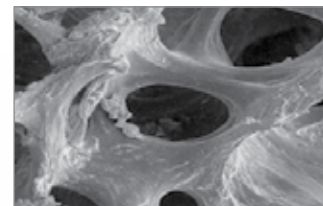
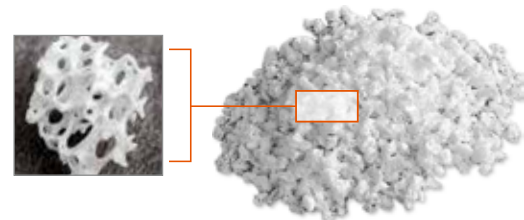
### Available Sizes

**Zcore™ Porcine Xenograft Particulate**  
0.25 mm - 1.0 mm Particle Size

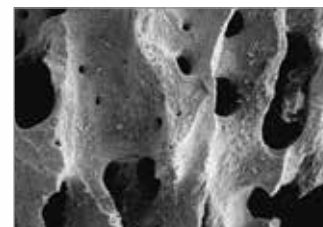
0.5 cc	Part No. ZS050
1.0 cc	Part No. ZS100
2.0 cc	Part No. ZS200
4.0 cc	Part No. ZS400

**Zcore™ Porcine Xenograft Particulate**  
1.0 mm - 2.0 mm Particle Size

1.0 cc	Part No. ZL100
2.0 cc	Part No. ZL200



**SEM of Processed Human Bone**  
Magnification x50



**SEM of Zcore™ Porcine Xenograft Particulate**  
Magnification x50