



SOUTHERNIMPLANTS

Innovative Treatment Solutions

ZenGro™ Xenograft Bone Mineral Supporting Bone Growth

ZenGro is a porous bone mineral consisting predominantly of calcium phosphate with a carbonate apatite structure that acts as a scaffold to aid in bone regeneration.

ZenGro features:

- Highly porous scaffold that provides space for new bone deposition and vascularization¹
- Rough surface facilitates cell adhesion and spread for bone in-growth¹
- High volume fill per unit weight¹
- Carbonate apatite crystalline structure for better osteoconductivity than hydroxyapatite^{2,3,4,5}

ZenGro can be used for:

- Filling of extraction sockets to enhance preservation of the alveolar ridge
- Augmentation or reconstructive treatment of the alveolar ridge
- Filling of periodontal defects in conjunction with products intended for Guided Tissue Regeneration (GTR) and Guided Bone Regeneration (GBR)
- Elevation of the maxillary sinus floor

Contact your Southern Implants representative and order today!

ZGB05ML	Bone matrix	porcine cancellous fine	0.5cc
ZGB1ML	Bone matrix	porcine cancellous fine	1.0cc
ZGB2MLF	Bone matrix	porcine cancellous fine	2.0cc
ZGB4ML	Bone matrix	porcine cancellous fine	4.0cc
ZGB1MLC	Bone matrix	porcine cancellous std	1.0cc
ZGB2MLC	Bone matrix	porcine cancellous std	2.0cc

ZenGuard™ Resorbable Collagen Membrane Supporting Wound Healing

ZenGuard Resorbable Membrane is a conformable collagen membrane derived from purified porcine peritoneum to aid in wound healing.

ZenGuard can be used for:

- Augmentation around implants placed in immediate extraction sockets
- Alveolar ridge reconstruction for prosthetic treatment
- Guided bone regeneration in dehiscence defects and periodontal defects

ZenGuard Resorbable Collagen Membrane features:

- Resorbable in 3-4 months
- Crosslinking process allows for controlled and predictable resorption
- Soft and drapeable, yet high mechanical strength
- Easy to trim dry or hydrated

Contact your Southern Implants representative and order today!

ZGM1520	Resorbable collagen membrane	15x20mm
ZGM2030	Resorbable collagen membrane	20x30mm
ZGM3040	Resorbable collagen membrane	30x40mm

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. (data on file)
2. Spense G., Patel N., Brooks R., Rushton N. 2010. Osteoclastogenesis on hydroxyapatite ceramics: the effect of carbonate substitution. J Biomed Mater Res A. 2010 Mar 15;92(4):1292-300.
3. Ellies LG, Carter JM, Natiella JR, Featherstone JDB, Nelson DGA. 1988. Quantitative Analysis of Early In Vivo Tissue Response to Synthetic Apatite Implants. J Biomed Mater Res 22:137-148.
4. Landi E., Celotti G., Logroscino G., Tampieri A. 2003. Carbonated Hydroxyapatite as Bone Substitute. Journal of the European Ceramic Society 23: 2931-2937.
5. Spense G., Patel N., Brooks R., Rushton N. 2009. Carbonate Substituted Hydroxyapatite: Resorption by Osteoclasts Modifies the Osteoblastic Response. Journal of Biomedical Materials Research Part A 217-224.



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