



Trusted Clinical Solutions



Biomaterials Portfolio

Composite
Bone Graft



Bone Grafts
Particulates



Sinus Kits



Barrier
Membranes



Wound Dressings





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RegenerOss Resorbable Xenograft

Xenogenic Bone Grafts

Key Benefits:

RegenerOss Resorbable Xenograft has up to 95% porosity¹ enabling osteoconductivity and adequate space for new bone formation.

Clinical Advantages:

- Osteoconductive surface and interconnecting macro and microscopic porous structure that support the formation and ingrowth of new bone at the implantation site^{2,3}
- Clinical results showing new bone formation, both around and within the particles⁴
- Porcine-derived carbonate apatite shows superior osteoconductive potential than hydroxyapatite^{5,6}
- Resorption and remodelling profiles are closer to human bone than those of synthetic bone graft substitutes⁶
- Easy-to-use syringe

Shown Clinically Successful In:

- Augmentation around implants³
- Alveolar ridge augmentation/reconstruction^{3,7}
- Sinus lifts³
- Extraction sockets^{4,8-10}
- Periodontal defects³

RegenerOss Resorbable Xenograft

Catalog No.	Description
ROXR05	RegenerOss Resorbable Xenograft, 0.25–1 mm/0.5 cc
ROXR10	RegenerOss Resorbable Xenograft, 0.25–1 mm/1.0 cc
ROXR20	RegenerOss Resorbable Xenograft, 0.25–1 mm/2.0 cc
ROXR40	RegenerOss Resorbable Xenograft, 0.25–1 mm/4.0 cc
ROXRLG10	RegenerOss Resorbable Xenograft, 1–2 mm/1.0 cc
ROXRLG20	RegenerOss Resorbable Xenograft, 1–2 mm/2.0 cc
ROXRS025	RegenerOss Resorbable Xenograft, Syringe, 0.5–1 mm/0.25 cc
ROXRS05	RegenerOss Resorbable Xenograft, Syringe, 0.5–1 mm/0.5 cc

Shelf-Life Small and Large Particles: Three (3) years

Shelf-Life Syringe: Two (2) years



1. Data on File with Collagen Matrix Inc. 2. Klenke F.M. et al. J Biomed Mater Res A (2008) 85A:777-786. 3. RegenerOss Xenograft IFU latest revision. 4. Guarnieri R. et al. Regen Biomater (2017) 4:125-128. 5. Spence G. et al. J Biomed Mater Res A (2009) 90A:217-224. 6. Ellies L.G. et al. J Biomed Mater Res (1988) 22:137-48. 7. Cucchi A. et al. J. Oral Implantol. (2019) 45:59-64. 8. Guarnieri R. et al. J Oral Maxillofac Res (2019) 10:e3. 9. Guarnieri R. et al. J Oral Maxillofac Res (2017) 8:e5. 10. Lai V.J. et al. J Periodontol (2020) 91:361-368.



RegenerOss Synthetic

Synthetic Mineral-Collagen Composite Bone Graft

Key Benefits:

RegenerOss Synthetic is a calcium phosphate-based mineral with a carbonate apatite structure similar to natural bone combined with Type I collagen derived from bovine Achilles tendon. The mineral particles are dispersed within collagen fibers forming a 3-dimensional matrix. It is supplied dry and is moldable upon hydration. It is fully resorbed during the natural process of bone formation and remodeling.

Clinical Advantages:

- Resorption and remodeling profiles of carbonate apatite mimic natural bone mineral. ²
- Higher osteoconductive properties and earlier bioresorption, compared to HA samples. ^{3,4,5}
- 5% bovine Type I collagen by composition⁶, provides 3-dimensional structure and porosity to the bone graft.
- Graft is moldable upon hydration and hence it can be placed in bone defect sites of different shapes and sizes. It stays in place at the defect site.

Shown Clinically Successful In:

- Filling of extraction sockets
- Sinus floor elevation
- Filling of infrabony periodontal defects

RegenerOss Synthetic Mineral-Collagen Composite Bone Graft

Catalog No.	Description	Size
ROSBGP05	Regeneross Synthetic Mineral-Collagen Composite Bone Graft, 0.5cc	9 mm x 8 mm
ROSBGP10	Regeneross Synthetic Mineral-Collagen Composite Bone Graft, 1.0cc	11 mm x 10.5 mm
ROSBGP20	Regeneross Synthetic Mineral-Collagen Composite Bone Graft, 2.0cc	11 mm x 21 mm



Product dyed with Trypan Blue 0.4% solution to show surface topography

1 Cornolini R, Cangini F, Martuscelli G, Wennstrom J. Deproteinized bovine bone and biodegradable barrier membranes to support healing following immediate placement of transmucosal implants: a short-term controlled clinical trial. *Int J Periodontics Restorative Dent* 2004; 24:555-563

2 Rey, C., Renugopalakrishnan, V., Collins, B. and Glimcher, M., Fourier transform infrared spectroscopic study of the carbonate ions in bone mineral during aging. *Calcif. Tissue Int.*, 1991, 49, 251-258.

3 Landi E, Celotti G, Logroscino G, Tampieri A. Carbonated hydroxyapatite as bone substitute. *J Eur Cer Soc* 2003;23: 2931-2937.

4 Doi Y, Shibutani T, Moriwaki Y, Kajimoto T, Iwayama Y. Sintered carbonate apatites as bioresorbable bone substitutes. *J Biomed Mater Res* 1998;39:603-610.

5 Hasegawa M, Doi Y, Uchida A. Cell-mediated bioresorption of sintered carbonate apatite in rabbits. *J Bone Joint Surg [Br]* 2003;85:142-147.

6 Data on File with Collagen Matrix, Inc.

7 X-rays should be taken to confirm the bone integrity prior to dental implant placement.



OsseoGuard and OsseoGuard Flex

Resorbable Barrier Membranes

Key Benefit:

Two levels of drapability for ease of use in various clinical procedures.¹

Clinical Advantages:

- Made of bovine Achilles tendon (OsseoGuard)¹ and highly purified bovine dermis (OsseoGuard Flex)²
- Barrier time 6–9 months¹⁻³
- Not side specific for convenient handling⁴
- Can be trimmed, placed dry or hydrated, and finally sutured in place^{1,2}
- Performs when primary closure has not been achieved (OsseoGuard Flex)⁴
- Space maintaining (OsseoGuard)⁵

Shown Clinically Successful In (OsseoGuard):

- Periodontal and/or dental surgery procedures¹
- In the area of periodontal defects, dental implant, bone defect, or ridge reconstruction^{1,6-9}

Shown Clinically Successful In (OsseoGuard Flex):

- Augmentation around implants placed in immediate extraction sockets, delayed extraction sockets^{2,10-12}
- Localized ridge augmentation for later implantation^{2,13}
- Alveolar ridge reconstruction for prosthetic treatment²
- Filling of bone defects²
- Guided bone regeneration in dehiscence defects²
- Guided tissue regeneration procedures in periodontal defects²



OsseoGuard Membrane

Catalog No.	Description
OG1520	OsseoGuard Resorbable Collagen Membrane, 15 x 20 mm
OG2030	OsseoGuard Resorbable Collagen Membrane, 20 x 30 mm
OG3040	OsseoGuard Resorbable Collagen Membrane, 30 x 40 mm

Shelf-life: Three (3) years

OsseoGuard Flex Membrane

Catalog No.	Description
OGF1520	OsseoGuard Flex Resorbable Collagen Membrane, 15 x 20 mm
OGF2030	OsseoGuard Flex Resorbable Collagen Membrane, 20 x 30 mm
OGF3040	OsseoGuard Flex Resorbable Collagen Membrane, 30 x 40 mm

Shelf-life: Three (3) years

1. OsseoGuard Membrane IFU latest revision. 2. OsseoGuard Flex Membrane IFU latest revision. 3. Data on File with Collagen Matrix Inc. 4. Data on File with ZimVie Dental. 5. Block M.S. et al. J Oral Maxillofac Surg (2013) 71:1513-1519. 6. Fischer K.R. et al. Int J Periodontics Restorative Dent (2018) 38:549-556. 7. Tan-Chu J.H. et al. Int J Periodontics Restorative Dent (2014) 34:399-403. 8. Block M.S. et al. J. Oral Maxillofac. Surg. (2012) 70:1321-1330. 9. Nevins M. et al. Int J Periodontics Restorative Dent (2011) 31:227-35. 10. Chasioti E. et al. Case reports in dentistry (2015) Article ID 439706:8pages. 11. Castillo R.a.D. Inside Dent (2011) 7:94-96. 12. Felice P. et al. Eur J Oral Implantol (2015) 8:375-84. 13. Chasioti E. et al. Quintessence Int (2013) 44:763-71.



ZimVie Collagen Plug, Tape, and Patch

Wound Dressings

Key Benefit:

Highly porous, absorbable collagen wound dressings to protect, heal, and repair oral wounds.

Clinical Advantages:

- Made of porcine collagen¹
- Holds up to 30x own weight in fluid²
- No removal needed – resorbs in fewer than 30 days²
- Greater than 90% open pores²
- Protects wound bed – adheres and provides coverage to oral wounds and sores
- Designed to aid healing – porous, absorbable matrix supports delicate new tissue

Shown Clinically Successful In:

- Periodontal surgical wounds¹
- Suture sites¹
- Extraction sites¹
- Surgical wounds¹
- Traumatic wounds¹



Collagen Plug
10 x 20 mm



Collagen Tape
25 x 75 mm, 1 mm thick



Collagen Patch
20 x 40 mm, 3 mm thick

Collagen Plug, Tape, and Patch

Catalog No.	Description
0100Z	Collagen Tape 25 x 75 x 1 mm, 10 u/pk
0101Z	Collagen Patch 20 x 40 x 3 mm, 10 u/pk
0102Z	Collagen Plug 10 x 20 mm, 10 u/pk

Shelf-life: Three (3) years

1. ZimVie Collagen Absorbable Wound Dressings IFU latest revision. 2. Data on File with Collagen Matrix Inc.



Sinus Crestal and Lateral Lift Kits

Instruments

Key Benefit:

Perform crestal and lateral sinus lifts without fear of membrane damage with ZimVie's sinus lift kits. Our improved drill design offers extended sizes, unique angles, and tip for maximum stability and versatility.

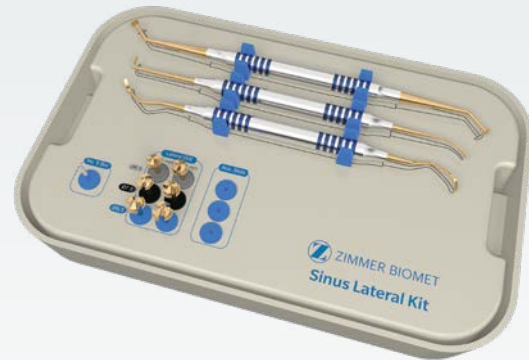
Clinical Advantages (Sinus Crestal Kit):

- Depth Control: Precisely control drilling depth in increments of 1 mm
- Intuitive Layout: Instrument layout designed for efficient workflow
- Extended Drill Sizes: Drill diameter range from 2.4 mm to 4.4 mm

Clinical Advantages (Sinus Lateral Kit):

- Improved Drill Design: Unique angles and tip on the drill allow for faster and more stable drilling compared to previous generation*
- Minimally Invasive: Specially designed drills allow for small lateral window and minimal flap size*
- Versatile: 3 auxiliary slots provided for placing additional drills

* Data on file with manufacturer.



Sinus Crestal Lift Kit

Catalog No.	Description
SCAKITV2	Sinus Crestal Approach Kit Version 2
SCDRILL24	Sinus Crestal Drill 2.4 mm
SCDRILL28	Sinus Crestal Drill 2.8 mm
SCDRILL32	Sinus Crestal Drill 3.2 mm
SCDRILL36	Sinus Crestal Drill 3.6 mm
SCDRILL44	Sinus Crestal Drill 4.4 mm
SCINTDRILL	Sinus Crestal Initial Drill
SCSTOPPER02	Sinus Crestal Stopper 2 mm
SCSTOPPER03	Sinus Crestal Stopper 3 mm
SCSTOPPER04	Sinus Crestal Stopper 4 mm
SCSTOPPER05	Sinus Crestal Stopper 5 mm
SCSTOPPER06	Sinus Crestal Stopper 6 mm
SCSTOPPER07	Sinus Crestal Stopper 7 mm
SCSTOPPER08	Sinus Crestal Stopper 8 mm
SCSTOPPER09	Sinus Crestal Stopper 9 mm
SCSTOPPER10	Sinus Crestal Stopper 10 mm
SCSTOPPER11	Sinus Crestal Stopper 11 mm
SCINSERTER	Sinus Crestal Inserter
SCBONESYR	Sinus Crestal Bone Syringe
SCBONECNSDR	Sinus Crestal Bone Condenser
SCDPTHGAUGE	Sinus Crestal Depth Gauge
SCSPRDR27	Sinus Crestal Spreader 2.7 mm
SCSPRDR31	Sinus Crestal Spreader 3.1 mm
SCSPRDR39	Sinus Crestal Spreader 3.9 mm
SCSTPRHLDR	Sinus Crestal Stopper Holders (Pack Of 10)
SCACASE	Sinus Crestal Kit Case

Sinus Lateral Lift Kitt

Catalog No.	Description
SLAKITV3	Sinus Lateral Approach Kit Version 3
SLDR2065	Sinus Lateral Drill 2 mm, 6.5 mmD
SLDR2075	Sinus Lateral Drill 2 mm, 7.5 mmD
SLDR2085	Sinus Lateral Drill 2 mm, 8.5 mmD
SLDR3565	Sinus Lateral Drill 3.5 mm, 6.5 mmD
SLDR3575	Sinus Lateral Drill 3.5 mm, 7.5 mmD
SLDR3585	Sinus Lateral Drill 3.5 mm, 8.5 mmD
SLELV1	Sinus Lateral Elevator 1
SLELV2	Sinus Lateral Elevator 2
SLELV3	Sinus Lateral Elevator 3
SLACASE	Sinus Lateral Kit Case
SLBUR6	Sinus Lateral Number 6 Bur

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