



Trusted Clinical Solutions

Biomaterials Portfolio

Bone Blocks



Bone Grafts
Particulates



Sutures



CustomGraft
Solutions™



Barrier
Membranes



Wound Dressings





Table of Contents

The Power of Puros® Allografts	4
Bone Graft Materials.....	5
Puros Allografts.....	6
Cancellous Particulate	6
Blend Particulate	7
Bone Block, Cancellous Block, & Cancellous Dowel	8
Xenografts	9
CopiOs® Xenograft	9
Endobon® Xenograft.....	10
RegenerOss® Resorbable Xenograft	11
Synthetic Bone Graft Substitutes	12
IngeniOs® HA.....	12
IngeniOs β-TCP	13
CustomGraft Solutions.....	14
Puros Allograft Customized Block.....	15
AccuraMesh™ & AccuraPlate™	16
Barrier Membranes.....	17
CopiOs Pericardium.....	18
CopiOs Extend®.....	19
BioMend® & BioMend Extend™	20
OsseoGuard® & OsseoGuard Flex®	21
Socket Repair Membrane	22
OsseoGuard® PTFE Non-Resorbable Membranes	23
Wound Dressings.....	25
Zimmer® Collagen Plug, Tape, and Patch	26
Sutures.....	27
OsseoGuard PTFE Sutures	28
Instruments.....	29
Screw Fixation Kit	30
SAFESCRAPER™ TWIST	31
Product Decision Tree	32
Flapless Extraction Sites.....	32
Sinus Lifts.....	33
Ridge Reconstruction.....	34
Periodontal Defects.....	34



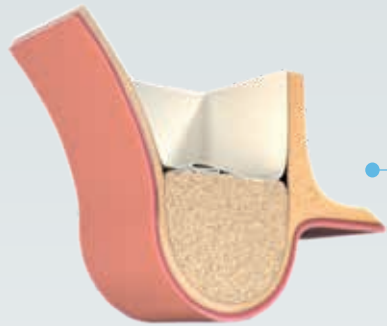
The Power of Puros Allografts Bone Augmentation Materials

Clinicians around the globe have counted on the Puros family of allografts for hard tissue augmentation procedures for years.

The brand's renowned reputation is based on:*

- Predictable processing and configuration
- Clinically used in dentistry since 1999¹⁻³
- Backed up by more than 300 scientific articles¹⁻⁵
- Allowing for creation of healthy, vital bone⁶⁻⁹
- Predictable remodeling shown in human clinical studies¹⁰⁻¹⁵
- Easy-to-use, terminally sterilized¹⁶
- Quick hydration, five-year shelf life, and storage at room temperature¹⁶

More Studies than Any Other Allograft⁵



Up to 127% more vital bone formation compared to non resorbable xenograft in sinus lift procedures.¹⁰

The Proprietary Tutoplast® Process

In 1969 the Tutoplast Tissue Sterilization Process was developed to sterilize and preserve tissue for implantation. More than 6 million implants have been sterilized through the Tutoplast Process with zero confirmed incidence of implant-associated infection.¹⁷

The Benefits of the Multi-Step Tutoplast Process for Puros Particulate Bone Graft



For bone allografts, the process preserves the valuable bone mineral, collagen matrix, and tissue integrity¹⁸ while inactivating pathogens and gently removing unwanted materials, such as cells, antigens, and viruses¹⁷ — resulting in predictable, reliable, sterile, and safe tissue.¹⁷

* Claims referenced apply to Tutoplast processed products.

1. Gambini A. et al. Chir Organi Mov (1999) 84:359-66. 2. Rocci A. et al. Quintessence International, Edizione Italiana (1999) 15:373-380. 3. Semergidis T. et al. Int. J. Oral Maxillofac Surg (1999) 28:91. 4. Baldi D. et al. Implant Dent (2019) 28:472-477. 5. Pubmed search (July 6th 2020). 6. Tsao Y.P. et al. J Periodontol (2006) 77:416-25. 7. Leonetti J.A. et al. Implant Dent (2003) 12:217-226. 8. Keith J.D. et al. Int J Periodont Rest (2006) 26:321-327. 9. La Monaca G. et al. Case reports in dentistry (2019) 8, Article ID 6725351. 10. Froum S.J. et al. Int J Periodont Rest (2006) 26:543-51. 11. Noubissi S.S. et al. J Oral Implantol (2005) 31:171-9. 12. Block M.S. et al. J Am Dent Assoc (2002) 133:1631-1638. 13. Minichetti J.C. et al. J Oral Implantol (2004) 30:74-82. 14. Schmitt C.M. et al. Clin Oral Implants Res (2013) 24:576-85. 15. Soardi C.M. et al. Int J Oral Maxillofac Implants (2016) 31:352-8. 16. Puros Allograft IFU latest revision. 17. Data on File with RTI Surgical, Inc. 18. Tadic D. et al. Biomaterials (2004) 25:987-94.



Bone Graft Materials





Puros Cancellous Particulate Allograft

Allograft Bone Grafts

Key Benefit:

Puros Cancellous Particulate Allograft with a history of documented clinical results, is an easy-to-handle choice for predictable bone regeneration and acts as an osteoconductive scaffold for new bone formation.¹⁻⁸

Clinical Advantages:

- Up to 127% more vital bone formation compared to non-resorbable xenograft in sinus lift procedures^{2,3,9}
- Newly formed vital bone after 3 to 5 months^{4,8,10} in extraction sockets
- 56% more graft-to-bone contact compared to non-resorbable xenograft³
- Ø 9,7 mm vertical gain after 4 to 5 months when using Puros Allograft particulates with tenting screws¹¹
- Retains osteoconductive properties due to the preservation of the natural bone matrix collagen and mineral composition, trabecular pattern, and original porosity,^{1-6,8,12-14} enabling the ingrowth of vascular and cellular connective tissue⁴

Shown Clinically Successful in:

- Regeneration of periodontal bone and furcation defects^{1,6,15}
- Regeneration of extraction sockets^{4,7,8,10}
- Regeneration of gaps around block grafts^{12,13}
- Horizontal alveolar ridge augmentation¹⁶⁻¹⁹
- Sinus augmentation^{2,9,20,21}

Puros Cancellous Particulate Allograft

Catalog No.	Description
67210	Puros Cancellous Particles, 0.25–1 mm/0.5 cc
67211	Puros Cancellous Particles, 0.25–1 mm/1 cc
67209	Puros Cancellous Particles, 0.25–1 mm/2 cc
67212	Puros Cancellous Particles, 1–2 mm/0.5 cc
67213	Puros Cancellous Particles, 1–2 mm/1 cc
67214	Puros Cancellous Particles, 1–2 mm/2 cc
67215	Puros Cancellous Particles, 1–2 mm/3 cc

Shelf-life: Five (5) years



1. Tsao Y.P. et al. J Periodontol (2006) 77:416-25. 2. Froum S.J. et al. Int J Periodontics Restorative Dent (2006) 26:543-51. 3. Noubissi S.S. et al. J Oral Implantol (2005) 31:171-9. 4. Minichetti J.C. et al. J Oral Implantol (2004) 30:74-82. 5. Data on File with RTI, Surgical Inc. 6. Dayi E. et al. J Int Med Res (2002) 30:168-73. 7. Baldi D. et al. Implant Dent (2019) 28:472-477. 8. Block M.S. et al. J Am Dent Assoc (2002) 133:1631-1638. 9. Schmitt C.M. et al. Clin Oral Implants Res (2013) 24:576-85. 10. Beck T.M. et al. J Periodontol (2010) 81:1765-72. 11. Le B. et al. J Oral Maxillofac Surg (2010) 68:428-435. 12. Keith J.D. et al. Int J Periodontics Restorative Dent (2006) 26:321-327. 13. Leonetti J.A. et al. Implant Dent. (2003) 12:217-226. 14. Tadic D. et al. Biomaterials (2004) 25:987-94. 15. Reddy B. et al. Journal of International Society of Preventive and Community Dentistry (2016) 6:248-253. 16. Block M.S. et al. J Oral Maxillofac Surg (2004) 62:67-72. 17. Le B. et al. Implant Dent (2008) 17:40-50. 18. Ronda M. et al. Clin Oral Implants Res (2014) 25:859-66. 19. La Monaca G. et al. Case reports in dentistry (2019) 8, Article ID 6725351. 20. Soardi C.M. et al. Int J Periodontics Restorative Dent (2020) 40:757-764. 21. Monje A. et al. Int J Oral Maxillofac Implants (2017) 32:121-127.



Puros Blend Particulate Allograft

Allograft Bone Grafts

Key Benefit:

Puros Blend Particulate Allograft is an anatomic-based mix of cortical and cancellous bone particulate which combines the space maintenance of cortical bone and the rapid remodelling of cancellous bone.¹

Clinical Advantages:

- Retains osteoconductive properties due to the preservation of the natural bone matrix collagen, and mineral composition, trabecular pattern, and original porosity²
- Easy handling—quick rehydration, 5-year shelf life, and room-temperature storage³
- No need to mix on-site
- Single-donor vials

Shown Clinically Successful in:

- Augmentation around implants³
- Alveolar ridge augmentation/reconstruction³
- Sinus lifts³



Puros Blend Particulate Allograft

Catalog No.	Description
67800	Puros Blend Particulate, 0.25–1 mm/0.5 cc
67801	Puros Blend Particulate, 0.25–1 mm/1 cc
67802	Puros Blend Particulate, 0.25–1 mm/2 cc
67803	Puros Blend Particulate, 1–2 mm/0.5 cc
67804	Puros Blend Particulate, 1–2 mm/1 cc
67805	Puros Blend Particulate, 1–2 mm/2 cc

Shelf-life: Five (5) years

1. Soardi C.M. et al. Clin Oral Implants Res (2011) 22:560-6. 2. Data on File with RTI Surgical Inc. 3. Puros Allograft IFU latest revision.



Puros Allograft Bone Blocks and Cancellous Dowel

Allograft Bone Grafts

Key Benefit:

By eliminating the need to harvest an autogenous block graft, Puros Block Allografts may save time, help to reduce pain, and can shorten the patient's rehabilitation period.¹

Clinical Advantages:

- Retains osteoconductive properties due to the preservation of the natural bone matrix collagen and mineral composition, trabecular pattern, and original porosity^{2,3}
- No need for a second surgery to harvest bone
- Implants can be placed 5 to 6 months post-grafting^{2,4}
- Clinical data showing comparable results to grafting with autogenous bone blocks^{1,5,6}
- Restores volume to severely resorbed ridges effectively as shown after 9 years follow up^{1,2,4,7}

Shown Clinically Successful in:

- Horizontal bone grafting^{1,2,8,9}
- Vertical bone grafting^{4,5}



Puros Allograft Block

Puros Allograft Cancellous Dowel



Puros Allograft Cancellous Block

Puros Allograft Bone Blocks & Puros Allograft Cancellous Dowel

Catalog No.	Description
67220	Puros Block Allograft, 15 x 10 x 9 mm
67221	Puros Block Allograft, 15 x 15 x 9 mm
67222	Puros Allograft Cancellous Block, 8 x 8 x 8 mm
67223	Puros Allograft Cancellous Block, 10 x 10 x 20 mm
67224	Puros Allograft Cancellous Block, 10 x 20 x 20 mm
67225	Puros Allograft Cancellous Dowel, Ø 7 mm, L 14–18 mm
67226	Puros Allograft Cancellous Dowel, Ø 10 mm, L 16–20 mm

Shelf-life: Five (5) years

1. Schlee M. et al. Head & Face Medicine (2014) 10:21. 2. Keith J.D. et al. Int J Periodontics Restorative Dent (2006) 26:321-327. 3. Tadic D. et al. Biomaterials (2004) 25:987-94. 4. Leong D.J. et al. Implant Dent (2015) 24:4-12. 5. Laino L. et al. Biomed Res Int (2014) 2014:982104. 6. Motamedian S.R. et al. Ann Maxillofac Surg (2016) 6:78-90. 7. Bauchet T. Implant (2020) 26:1-8. 8. Jacotti M. et al. Implant Dent (2012) 21:444-8. 9. Tresguerres F.G.F. et al. Clin Implant Dent Relat Res (2019) 21:1087-1098.



CopiOs Xenograft Particulates

Xenogenic Bone Grafts

Key Benefit:

CopiOs Xenograft does not undergo thermal treatment during processing, for this reason CopiOs Xenograft will be remodeled into newly formed vital bone after a period of time.^{1,2}

Clinical Advantages:

- Retains osteoconductive properties due to the preservation of the original bovine bone matrix collagen and mineral composition, trabecular pattern, and original porosity³
- Biocompatible and well-tolerated as shown in animal and human studies^{2,4,5,6}
- Ability to remodel into vital bone^{2,6,7}
- Proven performance in large and small bone defects^{2,5,8}

Shown Clinically Successful in:

- Regeneration of periodontal bone defects^{9,10}
- Grafting procedures around immediate placed implants^{8,9,11}
- Alveolar ridge augmentation^{5,9,12}

CopiOs Xenograft Particulates

Catalog No.	Description
97200	CopiOs Cancellous Particulate Xenograft, 0.25–1 mm/0.5 cc
97201	CopiOs Cancellous Particulate Xenograft, 0.25–1 mm/1 cc
97202	CopiOs Cancellous Particulate Xenograft, 0.25–1 mm/2 cc
97210	CopiOs Cancellous Particulate Xenograft, 1–2 mm/0,5 cc
97211	CopiOs Cancellous Particulate Xenograft, 1–2 mm/1 cc
97212	CopiOs Cancellous Particulate Xenograft, 1–2 mm/2 cc

Shelf-life: Five (5) years



1. Data on File with RTI Surgical Inc. 2. Tudor C. et al. Oral Surg Oral Med O (2008) 105:430-436. 3. Tadic D. et al. Biomaterials (2004) 25:987-94. 4. Trentz O.A. et al. Biomaterials (2003) 24:3417-26. 5. Perret F. et al. Int J Periodontics Restorative Dent (2018) 39:97-105. 6. Thorwarth M. et al. Br J Oral Maxillofac Surg (2007) 45:41-7. 7. Günther K.P. et al. Osteologie (1996) 5:4-12. 8. Peron C. et al. Int J Periodontics Restorative Dent (2020) 40:417-424. 9. CopiOs Xenograft Particulates IFU latest revision. 10. Stavropoulos A. et al. J Periodontol (2011) 82:462-470. 11. Longoni S. et al. J Osseointegration (2016) 8:8-13. 12. Marei H.F. et al. Egypt Dent J (2017) 63:2281-2288.



Endobon Xenograft Granules

Xenogenic Bone Grafts

Key Benefits:

An essentially non-resorbable material that is suited for regeneration of defects when effective space maintenance is required.¹

Clinical Advantages:

- Fully deproteinized bovine-derived hydroxyapatite²
- Non-resorbable for predictable volume stability and maintenance³
- Osteoconductive due to the interconnecting micro and macro pores for bony integration, which facilitate graft stability and vascular ingrowth¹
- Xenograft particles will be surrounded by newly formed vital bone⁴

Shown Clinically Successful in:

- Filling defects after resection, cystectomy, apicoectomy, or other defects in the alveolar ridge or wall^{5,6}
- Peri-implant defects⁷⁻⁹
- Alveolar ridge augmentation, including aesthetic contouring defects^{1,10,11}
- Extraction socket grafting¹²
- Sinus elevation^{4,13}

Endobon Xenograft Granules

Catalog No.	Description
ROX05	0.5–1 mm/0.5 ml
ROX10	0.5–1 mm/1 ml
ROX20	0.5–1 mm/2 ml
ROXLG20	1–2 mm/2 ml
ROXLG50	1–2 mm/5 ml (5 units @ 1 ml each)
ROXLG80	1–2 mm/8 ml (8 units @ 1 ml each)

Shelf-life: 18 months



1. Block M.S. et al. J Oral Maxillofac Surg (2013) 71:1513-1519. 2. Tadic D. et al. Biomaterials (2004) 25:987-94. 3. Block M.S. et al. J Oral Maxillofac Surg (2012) 70:1321-1330. 4. Nevins M. et al. Int J Periodontics Restorative Dent (2011) 31:227-35. 5. Endobon Xenograft IFU latest revision. 6. Block M.S. J Oral Maxillofac Surg (2018) 77:690-697. 7. De Angelis N. et al. Eur J Oral Implantol (2011) 4:313-25. 8. Renvert S. et al. J Clin Periodontol (2018) 45:1266-1274. 9. Negri B. et al. Quintessence Int. (2016) 47:123-139. 10. Barone A. et al. Int J Periodontics Restorative Dent (2013) 33:795-802. 11. Castillo R.a.D. Inside Dent (2011) 7:94-96. 12. Fischer K.R. et al. Int J Periodontics Restorative Dent (2018) 38:549-556. 13. Testori T. et al. Int J Periodontics Restorative Dent (2012) 32:295-301.



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 & 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.



IngeniOs HA Synthetic Bone Particles

Synthetic Bone Grafts

Key Benefit:

Long-lasting IngeniOs HA Synthetic Bone Particles made of pure-phase hydroxyapatite (HA), a composition similar to HA found in naturally-occurring bone.¹

Clinical Advantages:

- Significantly higher cell attachment was seen with IngeniOs HA compared to Geistlich Bio-Oss at all time points in an in-vitro study²
- Long-lasting¹ osteoconductive support with negligible resorption to provide long-term graft stability and maintenance of volume
- Up to 80% interconnected porosity allowing for vascularized bone formation, osseointegration, and the natural remodeling process to occur within the graft framework^{3,4}
- Radiopacity of material making it easy to identify on an X-ray⁴
- Can be used⁴ as a bone graft extender to provide radiopacity or long-term volume preservation

Shown Clinically Successful in:

- Alveolar ridge augmentation/reconstruction^{1,4}
- Sinus lifts^{1,4}
- Defects after removal of bone cysts^{1,4}
- Extraction sockets⁴

IngeniOs HA Synthetic Bone Particles

Catalog No.	Description
0-802501	IngeniOs HA Synthetic Bone Particles, 0.25–1 mm/0.25 cc
0-800501	IngeniOs HA Synthetic Bone Particles, 0.25–1 mm/0.5 cc
0-801001	IngeniOs HA Synthetic Bone Particles, 0.25–1 mm/ 1 cc
0-802001	IngeniOs HA Synthetic Bone Particles, 0.25–1 mm/2 cc
0-900501	IngeniOs HA Synthetic Bone Particles, 1–2 mm/0.5 cc
0-901001	IngeniOs HA Synthetic Bone Particles, 1–2 mm/1 cc
0-902001	IngeniOs HA Synthetic Bone Particles, 1–2 mm/2 cc

Shelf-life: Five (5) years



1. Holweg A. et al. EDI Journal (2012) 3:64-73. 2. Bernhardt A. et al. Clin Oral Implants Res (2011) 22:651-7. 3. Data on File with Curasan Ag. 4. IngeniOs HA Synthetic Bone Particles IFU latest revision.



IngeniOs β -TCP Bioactive Synthetic Bone Particles

Synthetic Bone Grafts

Key Benefit:

Resorbable IngeniOs β -TCP Bioactive Synthetic Bone Particles made of pure-phase beta tricalcium phosphate (β -TCP) that is silicated, providing the potential for increased bioactivity.¹⁻³

Clinical Advantages:

- Fully resorbable material designed to resorb in balance with replacement by naturally-regenerating mineralized bone³
- Up to 75% interconnected porosity to enable ingrowth of healthy bone tissue^{1,3}
- Radiopacity of material making it easy to identify on an X-ray³

Shown Clinically Successful in:

- Alveolar ridge augmentation/reconstruction³
- Sinus lifts³
- Filling of defects after root resection, apicectomy, and cystectomy⁶
- Extraction sockets³
- Periodontal defects³

IngeniOs β -TCP Bioactive Synthetic Bone Particles

Catalog No.	Description
0-602501	IngeniOs β -TCP Bioactive Synthetic Bone Particles, 0.25–1 mm/0.25 cc
0-600501	IngeniOs β -TCP Bioactive Synthetic Bone Particles, 0.25–1 mm/0.5 cc
0-601001	IngeniOs β -TCP Bioactive Synthetic Bone Particles, 0.25–1 mm/1 cc
0-602001	IngeniOs β -TCP Bioactive Synthetic Bone Particles, 0.25–1 mm/2 cc
0-700501	IngeniOs β -TCP Bioactive Synthetic Bone Particles, 1–2 mm/0.5 cc
0-701001	IngeniOs β -TCP Bioactive Synthetic Bone Particles, 1–2 mm/1 cc
0-702001	IngeniOs β -TCP Bioactive Synthetic Bone Particles, 1–2 mm/2 cc

Shelf-life: Five (5) years



1. Data on File with Curasan Ag. 2. Pietak A.M. et al. Biomaterials (2007) 28:4023-32. 3. IngeniOs β -TCP Bioactive Synthetic Bone Particles IFU latest revision.



CuztomGraft
Solutions





Puros Allograft Customized Block

CuztomGraft Solutions

Key Benefit:

Puros Allograft Customized Blocks are produced using CAD/CAM technology based on a CBCT/CT scan of the defect area. This makes the procedure more comfortable for your patient by reducing surgery time and minimizing the risk of complications.¹

Clinical Advantages:

- Customized block fits precisely to defect²
- Large contact surface area improves ingrowth of blood vessels and revascularization³
- Additional manual adjustment of the defect and of the customized block is seldomly required, allowing for reduced surgery time and reduced morbidity⁴
- Clinical reports have shown stable bone levels up to 2 years follow-up after implant placement^{5, 6}

Shown Clinically Successful in:

- Horizontal ridge reconstruction^{2,5,6}



Puros Allograft Customized Block

Catalog No.	Description
-------------	-------------

67217	Puros Allograft Customized Block Standard, 27 x 15 x 15 mm max
67218	Puros Allograft Customized Block Large, 27.1 x 15.1 x 15.1 mm min - 60 x 30 x 30 mm max

Shelf-life: Five (5) years



1. Schlee M. et al. Implant Dent (2013) 22:212-8. 2. Würzler K.K. et al. Implantologie Journal (2015) 5:30-36. 3. Mcallister B.S. et al. J Periodontol (2007) 78:377-96.

4. Parthasarathy J. Ann Maxillofac Surg (2014) 4:9-18. 5. Engler-Hamm D. Implantologie (2018) 26:231-242. 6. Blume O. et al. J Esthet Restor Dent (2018) 30:474-479.



AccuraMesh & AccuraPlate

CustomGraft Solutions

Key Benefit:

AccuraMesh and AccuraPlate products are designed using a fully digital workflow. Data from 3D medical imaging devices combined with modern Computer-Aided Design (CAD) software and state-of-the-art Computer-Aided Manufacturing (CAM) processes result in high quality customized medical devices for guided bone regeneration procedures.¹

Clinical Advantages:

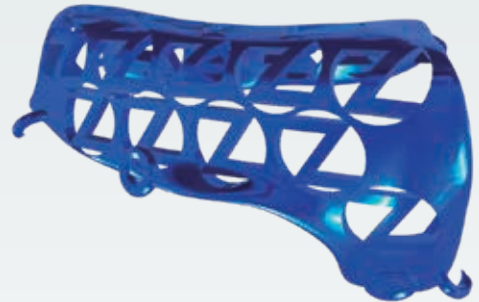
- AccuraMesh and AccuraPlate are CAD/CAM manufactured and fit precisely to the defect site²
- Two material options available, surgical grade PEEK and Titanium (Titanium for AccuraMesh only)
- Pre-planned screw positions for reliable fixation
- Sterile packaged (ETO sterilized): 10⁻⁶ Sterility assurance level³⁻⁵
- Additional manual adjustment of the bone bed or of the Accura products is seldomly required^{2, 6}
- Reduced surgery time and morbidity^{2,7}

AccuraPlate is Typically Used in:

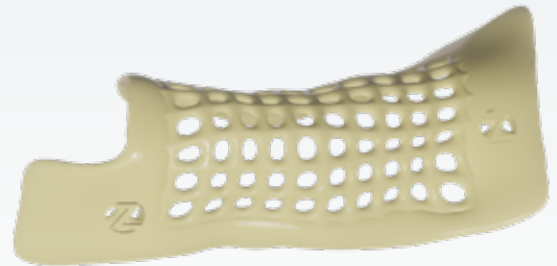
- Regeneration of horizontal bone defects⁵

AccuraMesh is Typically Used in:

- Regeneration of horizontal and/or vertical bone defects^{1,3,4}



Titanium AccuraMesh



PEEK AccuraMesh



PEEK AccuraPlate

AccuraMesh Products

Catalog No.	Description
TICMS	Titanium AccuraMesh Standard (up to 6 missing teeth)
TICML	Titanium AccuraMesh Large (7 or more missing teeth)
PCMS	PEEK AccuraMesh Standard (up to 6 missing teeth)
PCML	PEEK AccuraMesh Large (7 or more missing teeth)

AccuraPlate Products

PCPS	PEEK AccuraPlate Standard (up to 4 missing teeth)
PCPL	PEEK AccuraPlate Standard (5 or more missing teeth)

Shelf-life: Six (6) months⁸

1. Cruz N. et al. Materials (2020) 13:2177. 2. Lehman H. et al. Int J Oral Maxillofac Implants (2014) 29:e259-64. 3. Titanium AccuraMesh IFU latest revision. 4. PEEK AccuraMesh IFU latest revision. 5. PEEK AccuraPlate IFU latest revision. 6. Parthasarathy J. Ann Maxillofac Surg (2014) 4:9-18. 7. El Chaar E. et al. Int J Periodontics Restorative Dent (2019) 39:491-500. 8. Data on file with ResDevMed



Barrier Membranes





CopiOs Pericardium Membrane

Resorbable Barrier Membranes

Key Benefit:

CopiOs Pericardium Membrane is a long-lasting, conformable barrier—strong enough to meet most clinical needs and supple enough to adapt to challenging graft contours.¹⁻⁴

Clinical Advantages:

- Made of bovine pericardium⁵
- Barrier time 8–24 weeks: for longer graft protection and stabilization^{1,6,7}
- Not side specific for convenient handling⁸
- Retains the structure and composition of natural pericardial tissue due to the proprietary Tutoplast Process^{9,10}
- High tensile strength and suture pull-out force may be useful for guided bone regeneration techniques⁷
- Clinically demonstrated performance in guided bone regeneration procedures where ease of manipulation and adaptability to surface contours is essential¹¹⁻¹⁴
- Shown to provide a stable, long-lasting barrier during healing and integration of bone graft materials, and staged or immediately placed implants^{12,15-17}
- Significantly thicker buccal bone plate when using CopiOs Pericardium membranes to cover bone graft during implant placement^{12,18}

Shown Clinically Successful in:

- Guided tissue regeneration (GTR) in periodontology^{5,19}
- Covering and protecting bone graft material, e.g. in guided bone regeneration procedures (GBR)^{5,11,12}

CopiOs Pericardium Membrane

Catalog No.	Description
97002	CopiOs Pericardium Membrane, 15 x 20 mm
97003	CopiOs Pericardium Membrane, 20 x 30 mm
97004	CopiOs Pericardium Membrane, 30 x 40 mm

Shelf-life: Five (5) years



1. Rothamel D. et al. Clin Oral Implants Res (2005) 16:369-78. 2. Data on file with RTI Biologics Inc, USA. 3. Leong D.J. et al. Implant Dent (2015) 24:4-12. 4. Berberi A. et al. J Maxillofac Oral Surg (2015) 14:263-70. 5. CopiOs Pericardium Membrane IFU latest revision. 6. Siar C.H. et al. Clin Oral Implants Res (2011) 22:113-20. 7. Gasser A. et al., Mechanical stability of collagen membranes: an in vitro study, in AADR/CADR Meeting, 2016: Los Angeles. 8. Data on File with Zimmer Biomet Dental. 9. Marashdeh M.Q.M., Characterization and Development of Optimization Strategy for the Processing of Allogenic and Xenogenic Bone and Pericardium. 2007, Thesis, University of Erlangen-Nürnberg. 10. Kasaj A. et al. Head Face Med (2008) 4:22. 11. El Chaar E. et al. J Oral Implantol (2017) 43:114-124. 12. Fu J.H. et al. Clin Oral Implants Res (2014) 25:458-67. 13. Soardi C.M. et al. Clin Adv Periodontics (2013) 4:1-7. 14. Fu J.-H. et al. Clin Adv Periodontics (2012) 2:172-177. 15. Sterio T.W. et al. Int J Periodontics Restorative Dent (2013) 33:499-507. 16. Le B. et al. J Oral Maxillofac Surg (2016) 74:1552-61. 17. Laino L. et al. Biomed Res Int (2014) 2014:982104. 18. Garaicoa C. et al. Clin Implant Dent Relat Res (2015) 17:717-23. 19. Schlee M. et al. Head Face Med (2012) 8:6.



CopiOs Extend Membrane

Resorbable Barrier Membranes

Key Benefit:

CopiOs Extend Membrane is a long-lasting, resorbable collagen membrane designed to allow implant placement while providing ample time¹ for regeneration.

Clinical Advantages:

- Made of highly purified porcine dermis¹
- Barrier time 6–9 months¹
- Not side specific for convenient handling¹
- Cell-occlusive – allows nutrients to permeate while occluding epithelial cells²
- Convenient handling – conformable and easy to reposition in the defect
- Performs when primary closure has not been achieved³

Shown Clinically Successful in:

- Augmentation around implants placed in immediate and delayed extraction sockets¹
- Localized ridge augmentation for later implantation¹
- Alveolar ridge reconstruction for prosthetic treatment¹
- Filling of bone defects¹
- Guided bone regeneration in dehiscence defects¹
- Guided tissue regeneration procedures in periodontal defects¹

CopiOs Extend Membrane

Catalog No.	Description
0190Z	CopiOs Extend Membrane, 15 x 20 mm
0191Z	CopiOs Extend Membrane, 20 x 30 mm
0192Z	CopiOs Extend Membrane, 30 x 40 mm

Shelf-life: Two (2) years



1. CopiOs Extend Membrane IFU latest revision. 2. Data on File with Collagen Matrix Inc. 3. Data on File with Zimmer Biomet Dental.



BioMend & BioMend Extend

Resorbable Barrier Membranes

Key Benefit:

Resorbable collagen membranes that are rigid enough to create and maintain space.¹

Clinical Advantages:

- Made of bovine achilles tendon
- Two different options of barrier time: 8 weeks max. (BioMend), 18 weeks max. (BioMend Extend)²
- Not side specific for convenient handling³
- Cell-occlusive – serves as barrier to prevent epithelial cell migration and allows passage of essential nutrients²
- Up to 54% more horizontal bone gain when using BioMend Extend membranes to cover bone graft during implant placement⁴

Shown Clinically Successful in:

- Guided tissue regeneration procedures in periodontal defects²
- Periodontal surgery^{2, 5, 6}
- Use in dental surgery procedures as a material for placement in the area of an implant, bone defect, or ridge construction^{2, 7}
- Sinus lift procedures⁸

Compared to a Porcine Membrane:*

- Significantly higher tensile strength in wet and dry state may be useful for guided bone regeneration techniques⁹
- 34% more new bone fill and 28% more bone-to-implant contact when using BioMend Extend Membranes for treatment of implant dehiscence defects.¹



BioMend Membrane

Catalog No.	Description
0103Z	BioMend Resorbable Collagen Membrane, 15 x 20 mm
0105Z	BioMend Resorbable Collagen Membrane, 20 x 30 mm
0107Z	BioMend Resorbable Collagen Membrane, 30 x 40 mm

Shelf-life: Three (3) years

BioMend Extend Membrane

Catalog No.	Description
0140Z	Biomend Extend Resorbable Collagen Membrane, 15 x 20 mm
0141Z	Biomend Extend Resorbable Collagen Membrane, 20 x 30 mm
0142Z	Biomend Extend Resorbable Collagen Membrane, 30 x 40 mm

Shelf-life: Three (3) years

*Bio-Gide Membrane, Edward Geistlich Sohne AG

1. Oh T.J. et al. Clin Oral Implants Res (2003) 14:80-90. 2. BioMend and BioMend Extend Absorbable Collagen Membrane IFU latest revision. 3. Data on File with Collagen Matrix Inc. 4. Park S.H. et al. Clin Oral Implants Res (2008) 19:32-41. 5. Wang H.L. et al. J Periodontol (1994) 65:1029-36. 6. Wang H.-L. et al. Periodontol 2000 (2012) 59:140-157. 7. Saravanan P. et al. J Oral Implantol (2013) 39:455-62. 8. Ranaan J. et al. Clin Oral Implants Res (2018). 9. Coïc M. et al. Rev Stomatol Chir Maxillofac Chir Orale (2010) 111:286-290.



OsseoGuard & 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}

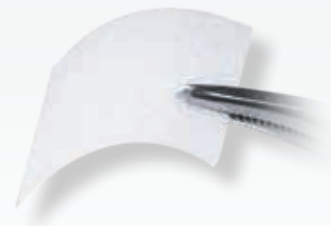
Shown Clinically Successful in (OsseoGuard Flex):

- 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



OsseoGuard Flex



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 Zimmer Biomet 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.



Socket Repair Membrane

Resorbable Barrier Membranes

Key Benefit:

The Zimmer Socket Repair Membrane is designed to assist wound healing in alveolar facial plate repair following atraumatic, flapless single-root tooth extraction.¹

Clinical Advantages:

- Made of bovine achilles tendon¹
- Barrier time 26-38 weeks¹ (accelerated resorption will occur if exposed)
- Flapless approach preserves marginal soft-tissue contours² and does not compromise buccal bone tissue as well as vascularity – important to achieve high aesthetic results³

Shown Clinically Successful In:

- Three-wall extraction sockets³⁻⁵

Socket Repair Membrane

Catalog No.	Description
-------------	-------------

0154	Zimmer Socket Repair Membrane, 10 x 20 mm
------	---

Shelf-life: Three (3) years



1. Zimmer Socket Repair Membrane IFU latest revision 2. Danesh-Meyer M. Australasian Dental Practice (2008) 150-158. 3. Elian N. et al. Pract Proced Aesthet Dent (2007) 19:99-104. 4. Eskow A.J. et al. J Periodontol (2014) 85:514-24. 5. Hoang T.N. et al. J Periodontol (2012) 83:174-81.



OsseoGuard PTFE Non-Resorbable Membranes

Non-Resorbable Barrier Membranes

Key Benefit:

OsseoGuard PTFE Membranes are manufactured of 100% Dense (non-expanded) PTFE which are impervious to bacteria.^{1,2}

Clinical Advantages of Non-Textured, High-Density PTFE Membrane³:

- Non-Resorbable: Won't resorb prematurely – you can better manage healing time
- 100% Dense (non-expanded) PTFE – Impervious to bacteria (pore size less than 0.3 µm)
- Can be left exposed – Less surgical time, preservation of soft-tissue architecture, and keratinized mucosa
- Soft-tissue attaches, but doesn't grow through the membrane
- Most cost effective OsseoGuard PTFE membrane

Clinical Advantages of Textured, High-Density PTFE Membranes³:

- Textured surface – Designed to increase membrane stabilization
- Non-Resorbable – Won't resorb prematurely – you can better manage healing time
- 100% Dense (non-expanded) PTFE – Impervious to bacteria (pore size less than 0.3 µm)
- Purposely leave the membrane exposed
- Soft-tissue attaches but doesn't grow through the membrane



OsseoGuard PTFE Non-Textured Membranes



OsseoGuard PTFE Textured Membranes

OsseoGuard PTFE Non-Textured Membranes

Catalog No.	Description	Units per box
NTXR1224-10	Non-textured small, 12 x 24 mm	10
NTXR2530-4	Non-textured large, 25 x 30 mm	4

Shelf-life: Four (4) years

OsseoGuard PTFE Textured Membranes

Catalog No.	Description	Units per box
TXR1224-1	Textured small, 12 x 24 mm	1
TXR1224-10		10
TXR2530-1	Textured large, 25 x 30 mm	1
TXR2530-4		4

Shelf-life: Four (4) years

1. Barboza E.P. et al. Implant Dent (2010) 19:2-7. 2. Hoffmann O. et al. J Periodontol (2008) 79:1355-69. 3. Data on file with manufacturer and available upon request.



OsseoGuard PTFE Non-Resorbable Membranes

Non-Resorbable Barrier Membranes

Clinical Advantages of Titanium-Reinforced, High-Density PTFE Membrane¹

- Grade 1 titanium, lightweight framework – easy to form in three dimensions and retains no memory
- Can be molded and shaped for tenting and space maintenance²
- Two different thicknesses (150 µm and 250 µm) resulting in two different handling options
- Demonstrated performance in horizontal and vertical grafting procedures^{2,3}

OsseoGuard PTFE Titanium-Reinforced Membranes



OsseoGuard PTFE Non-Textured Membranes			
Catalog No.		Description	Units (per box)
TR250 (250 µm thick)	TR150 (150 µm thick)		
TR250AE-1	TR150AE-1	Anterior Extraction, 12 x 24 mm	1
TR250AE-2	TR150AE-2		2
TR250AEY-1	TR150AEY-1	Anterior Extraction, 14 x 24 mm	1
TR250AEY-2	TR150AEY-2		2
TR250LF-1	TR150LF-1	Large Facial, 17 x 25 mm	1
TR250LF-2	TR150LF-2		2
TR250PE-1	TR150PE-1	Posterior Extraction, 20 x 25 mm	1
TR250PE-2	TR150PE-2		2
TR250P-1	TR150P-1	Posterior, 25 x 30 mm	1
TR250P-2	TR150P-2		2
TR250SMT-1	TR150SMT-1	Small-T, 25 x 36 mm	1
TR250SMT-2	TR150SMT-2		2
TR250LGT-1	TR150LGT-1	Large-T, 30 x 41 mm	1
TR250LGT-2	TR150LGT-2		2
TR250RAX-1	TR150RAX-1	Ridge Augmentation X, 30 x 40 mm	1
TR250RAX-2	TR150RAX-2		2
TR250RAK-1	TR150RAK-1	Ridge Augmentation K, 30 x 40 mm	1
TR250RAK-2	TR150RAK-2		2
TR250RAKL-1	TR150RAKL-1	Ridge Augmentation K, 40 x 50 mm	1
TR250RAKL-2	TR150RAKL-2		2
TR250PN-1	TR150PN-1	Perio Narrow, 13 x 19 mm	1
TR250PN-2	TR150PN-2		2
TR250PW-1	TR150PW-1	Perio Wide, 13 x 18 mm	1
TR250PW-2	TR150PW-2		2
TR250TCS-1	TR150TCS-1	Trans Crestal, 24 x 38 mm	1
TR250TCS-2	TR150TCS-2		2
TR250TCL-1	TR150TCL-1	Trans Crestal, 38 x 38 mm	1
TR250TCL-2	TR150TCL-2		2
TR250PR-1	TR150PR-1	Posterior Ridge, 38 x 38 mm	1
TR250PR-2	TR150PR-2		2

Shelf-life: Four (4) years

1. Data on file with manufacturer and available upon request. 2. Ronda M. et al. Clin Oral Implants Res (2014) 25:859-66. 3. Ronda M. et al. Int J Periodontics Restorative Dent (2015) 35:795-801.



Wound Dressings





Zimmer 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



Zimmer Collagen Plug
10 x 20 mm



Zimmer Collagen Tape
25 x 75 mm, 1 mm thick



Zimmer Collagen Patch
20 x 40 mm, 3 mm thick

Zimmer Collagen Plug, Tape, and Patch

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

Shelf-life: Three (3) years

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



Sutures





OsseoGuard PTFE Sutures

Sutures

Key Benefit:

Monofilament construction prevents bacterial wicking into surgical sites.

Clinical Advantages:¹

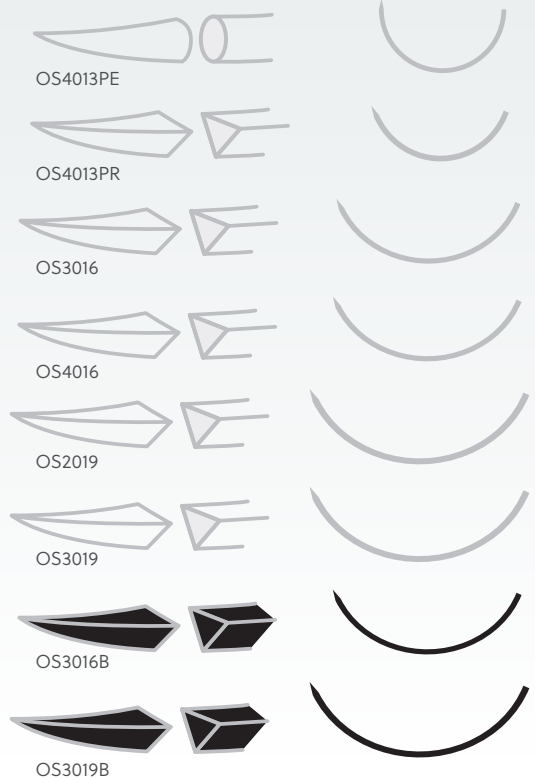
- 100% Medical Grade PTFE – Biologically inert
- Monofilament – does not allow bacteria wicking into the surgical site
- Soft and comfortable for patients
- Excellent handling and knot security
- Non-resorbable – Keeps the surgical site reliably closed



OsseoGuard PTFE Sutures

Item No.	Description	Units per box
OS4013PE	USP 4-0, 13 mm, 1/2 circle round body taper point, L 45 cm	12
OS4013PR	USP 4-0, 13 mm, 3/8 circle precision reverse cutting, L 45 cm	12
OS3016	USP 3-0, 16 mm, 3/8 circle precision reverse cutting, L 45 cm	12
OS4016	USP 4-0, 16 mm, 3/8 circle precision reverse cutting, L 45 cm	12
OS2019	USP 2-0, 19 mm, 3/8 circle precision reverse cutting, L 45 cm	12
OS3019	USP 3-0, 19 mm, 3/8 circle precision reverse cutting, L 45 cm	12
OS3016B	USP 3-0, 16 mm, 3/8 circle precision reverse cutting black, L 45 cm	12
OS3019B	USP 3-0, 19 mm, 3/8 circle precision reverse cutting black, L 45 cm	12

Shelf-life: Four (4) years



1. Data on file with manufacturer and available upon request.



Instruments





Screw Fixation Kit

Instruments

Key Benefit:¹

The Screw Fixation System provides a solution for the temporary fixation and stabilization of bone transplants, suitable resorbable and non-resorbable bone replacement materials, and membranes for ridge augmentation procedures.

Clinical Advantages:

- Titanium alloy fixation screws are biocompatible, corrosion-proof, and non-toxic in the biological environment¹
- Power grip connection for secure and stable transfer of the screws to the surgical site¹
- Two color-coded systems, Ø 1.5 mm MICRO (blue) and Ø 2.0 mm MINI (red) screws for easy and rapid identification of the parts possible and simplifies parts matching¹
- Modular storage system permits individual configuration¹
- Autoclavable metal storage tray¹



Assembled Start-Up Kit Item 69.01.10Z

Catalog No.	Description
69.01.11Z	Tray
75.23.52Z	Screw Driver Handle
75.23.23Z	Screw Driver Insert, Short
75.23.19Z	Screw Driver Insert, Long
69.01.09Z	Pilot Drill, Micro, 14 mmL
69.01.16Z	Pilot Block Drill, Micro

Please contact ZimVie Dental for a full list of available replacement parts and optional items.

¹ Screw Fixation System IFU latest revision.



SAFESCRAPER TWIST - Cortical Bone Collector

Instruments

Key Benefit:

Effectively harvesting autogenous bone which contains viable bone cells which might contribute to the outcome of bone grafting procedures.¹

Clinical Advantages:

- Provides 160° cutting area to effectively harvest² up to 5 cc of cortical bone
- Available in curved and straight designs facilitating access to hard-to-reach posterior regions
- Harvested bone is contained in a sterile chamber
- Harvested bone contains viable bone cells and shows high osteogenic potential^{1,3}
- Higher cell viability, cell proliferation, osteogenic potential, and release of growth factors compared to other harvesting methods^{3,4}



SAFESCRAPER TWIST Bone Collector

Catalog No.	Description
3598	Disposable Cortical Bone Collector, 3 u/pk Straight
3987	Disposable Cortical Bone Collector, 3 u/pk Curved

Shelf-life: Three (3) years

1. Zaffe D. et al. Clin Oral Implants Res (2007) 18:525-533. 2. Safescraper IFU latest revision. 3. Miron R.J. et al. J Dent Res (2011) 90:1428-33. 4. Miron R.J. et al. Clin Implant Dent Relat Res (2013) 15:481-489.

Product Decision Tree

← Flapless Extraction Sites



Buccal Wall Intact

Immediate or Delayed Implant Placement

Bone Graft (Select One Option)

0.5 cc¹

- Puros Allograft Cancellous or Blend²
- Endobon Xenograft³
- RegenerOss Resorbable Xenograft⁴

+

Socket Sealing (Select One Option)

12 x 24 mm¹

- OsseoGuard PTFE Textured Membrane⁵

Ø 10 mm¹

- Zimmer Collagen Plug⁶

Preservation Without Further Implant Placement

Bone Graft (Select One Option)

0.5 cc¹

- Endobon Xenograft³
- IngeniOs HA⁷

+

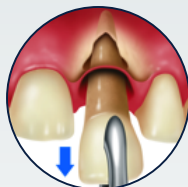
Socket Sealing (Select One Option)

12 x 24 mm¹

- OsseoGuard PTFE Textured Membrane⁵

Ø 10 mm¹

- Zimmer Collagen Plug⁶



25-50% Buccal Wall Loss

Immediate or Delayed Implant Placement

Bone Graft (Select One Option)

0.5 cc¹

- Puros Allograft Cancellous or Blend²
- Endobon Xenograft³
- RegenerOss Resorbable Xenograft⁴

+

Protective Barrier

10 x 20 mm¹

- Zimmer Socket Repair Membrane⁸

Preservation Without Further Implant Placement

Bone Graft (Select One Option)

0.5 cc¹

- Endobon Xenograft³
- IngeniOs HA⁷

+

Protective Barrier

10 x 20 mm¹

- Zimmer Socket Repair Membrane⁸



>50% Buccal Wall Loss*

Localized Ridge Augmentation

Bone Graft (Select One Option)

1.0 cc¹

- Puros Allograft Blend²
- RegenerOss Resorbable Xenograft⁴

+

Protective Barrier (Select One Option)

15 x 20 mm¹ or 20 x 30 mm¹

- CopiOs Pericardium Membrane⁹
- OsseoGuard Flex Membrane¹⁰
- CopiOs Extend Membrane¹¹
- PEEK AccuraPlate¹² + Resorbable Collagen Membrane

* When >50% bone loss is present raising a flap for ridge augmentation may be needed.

1. Product, size and volume recommendations depend on defect size and configuration. Different sizes and volumes may be needed if defect is larger or smaller.

2. Puros Allograft IFU latest revision. 3. Endobon Xenograft IFU latest revision. 4. RegenerOss Xenograft IFU latest revision. 5. OsseoGuard PTFE Membrane IFU latest revision. 6. Sclar A.G. Postgraduate Dentistry (1999) 6:3-11. 7. IngeniOs HA Synthetic Bone Particles IFU latest revision. 8. Zimmer Socket Repair Membrane IFU latest revision. 9. CopiOs Pericardium Membrane IFU latest revision. 10. OsseoGuard Flex Membrane IFU latest revision. 11. CopiOs Extend Membrane IFU latest revision.

12. PEEK AccuraPlate IFU latest revision.

Sinus Lifts



Lateral Approach

Bone Graft (Select One Option)

1.0–3.0 cc¹

- Puros Allograft Cancellous or Blend²
- Endobon Xenograft³
- RegenerOss Resorbable Xenograft⁴

+

Protective Barrier (Select One Option)

15 x 20 mm¹ or 20 x 30 mm¹

- CopiOs Pericardium Membrane (Lateral Wall)⁵
- BioMend Extend Membrane (for Tears in Schneiderian Membrane)⁹



Crestal Approach

Bone Graft (Select One Option)

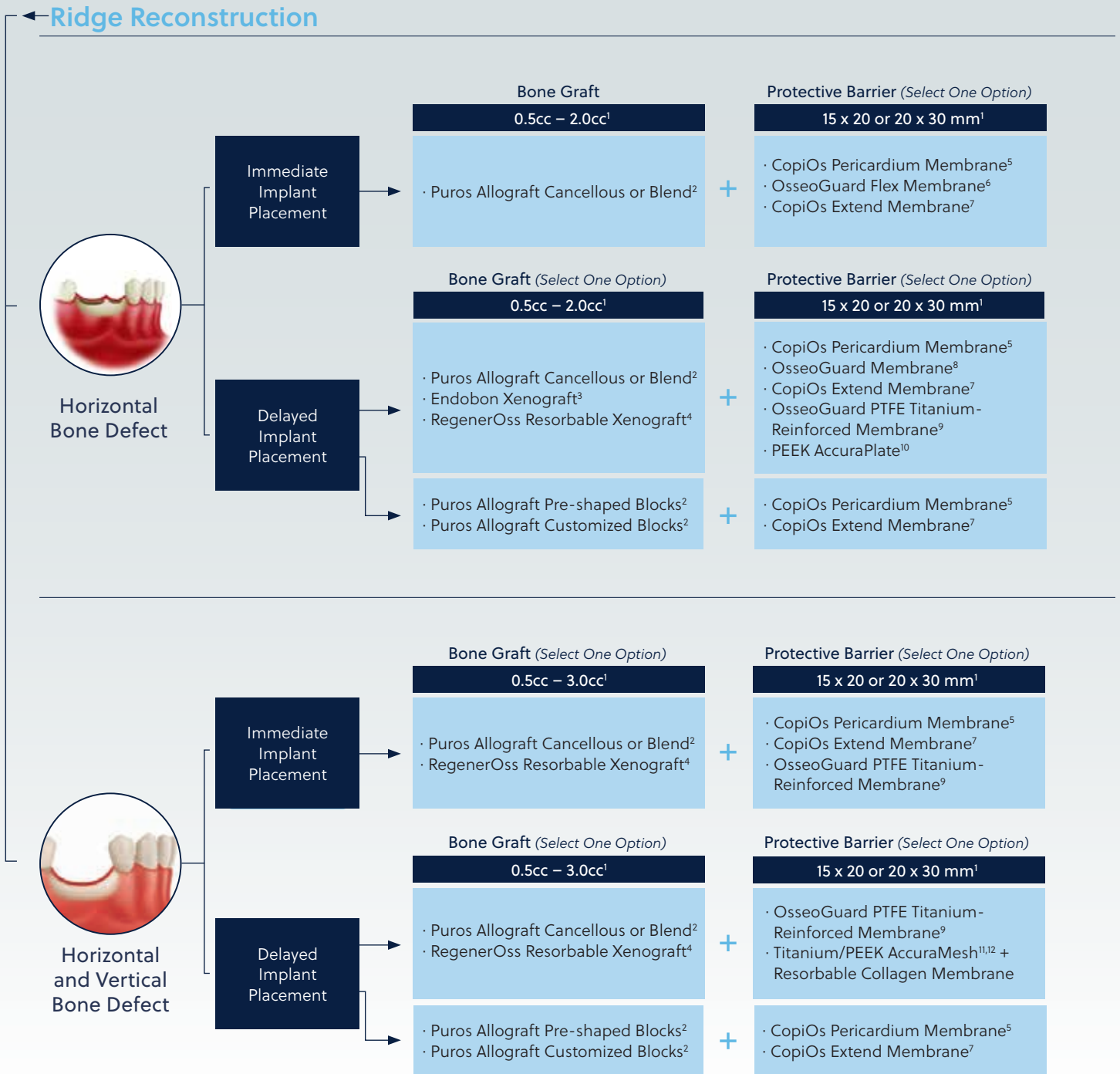
0.5 cc¹

- Puros Allograft Cancellous or Blend²
- Endobon Xenograft³
- RegenerOss Resorbable Xenograft⁴

1. Product, size and volume recommendations depend on defect size and configuration. Different sizes and volumes may be needed if defect is larger or smaller.
 2. Puros Allograft IFU latest revision. 3. Endobon Xenograft IFU latest revision. 4. RegenerOss Xenograft IFU latest revision. 5. CopiOs Pericardium Membrane IFU latest revision. 6. OsseoGuard Flex Membrane IFU latest revision. 7. CopiOs Extend Membrane IFU latest revision. 8. Puros Dermis Allograft Tissue Matrix IFU latest revision.
 9. BioMend and BioMend Extend Absorbable Collagen Membrane IFU latest revision.



Product Decision Tree



1. Product, size and volume recommendations depend on defect size and configuration. Different sizes and volumes may be needed if defect is larger or smaller. 2. Puros Allograft IFU latest revision. 3. Endobon Xenograft IFU latest revision. 4. RegenerOss Xenograft IFU latest revision. 5. CopiOs Pericardium Membrane IFU latest revision. 6. OsseoGuard Flex Membrane IFU latest revision. 7. CopiOs Extend Membrane IFU latest revision. 8. OsseoGuard Membrane IFU latest revision. 9. OsseoGuard PTFE Membrane IFU latest revision. 10. PEEK AccuraPlate IFU latest revision. 11. Titanium AccuraMesh IFU latest revision. 12. PEEK AccuraMesh IFU latest revision.



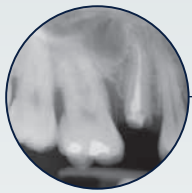
← Periodontal Defects



Pocket Depth - Small

Protective Barrier
15 x 20 mm or 20 x 30 mm¹

- BioMend Membrane²
- Biomend Extend Membrane²



Pocket Depth - Large

Bone Graft
0.5 cc¹

- Puros Allograft Cancellous³

+

Protective Barrier
15 x 20 mm or 20 x 30 mm¹

- CopiOs Pericardium Membrane⁴

Clinical photograph courtesy of Dr. D. Engler-Hamm. Individual results may vary

1. Product, size and volume recommendations depend on defect size and configuration. Different sizes and volumes may be needed if defect is larger or smaller.

2. BioMend and BioMend Extend Absorbable Collagen Membrane IFU latest revision. 3. Puros Allograft IFU latest revision. 4. CopiOs Pericardium Membrane IFU latest revision.

Contact us by phone at **0800-101-64-20** or visit
ZimVie.com/dental

ZimVie Global Headquarters
4555 Riverside Drive
Palm Beach Gardens, FL 33410
Phone: +1-561-776-6700
Fax: +1-561-776-1272
dentalCS@ZimVie.com

Zimmer Dental GmbH
Wilhelm-Wagenfeld-Straße 28
D-80807 München
Tel: +49-(0)800-101-64-20
Fax: +49-(0)800-313-11-11
ZV.bestellung@ZimVie.com



Unless otherwise indicated, as referenced herein, all trademarks and intellectual property rights are the property of ZimVie Inc. or an affiliate; and all products are manufactured by one or more of the dental subsidiaries of ZimVie Inc. (Biomet 3i, LLC, Zimmer Dental, Inc., etc.) and marketed and distributed by ZimVie Dental and its authorized marketing partners. Tutoplast is a registered trademark of Tutogen Medical GmbH. Safescraper is a trademark of C.G.M. S.P.A. Accura products are manufactured by ResDevMed Lda. Portugal. BioMend, BioMend Extend, CopiOs, CopiOs Extend, OsseoGuard, OsseoGuard Flex, RegenerOss Resorbable Xenograft and Socket Repair Membranes are manufactured by Collagen Matrix, Inc. Collagen Matrix is not a subsidiary of ZimVie. IngeniOs products are manufactured by Curasan AG. OsseoGuard PTFE products are manufactured by Osteogenics Biomedical, Inc. Safescraper is manufactured by META Advanced Medical Technology. Puros products are manufactured by Tutogen Medical GmbH. CopiOs Xenograft and CopiOs Pericardium are manufactured by Tutogen Medical GmbH. Screw Fixation Kits are manufactured by Medicon e.G. Endobon is manufactured by Biomet France, Sarl. For additional product information, please refer to the individual product labeling or instructions for use. Product clearance and availability may be limited to certain countries/regions. This material is intended for clinicians only and does not comprise medical advice or recommendations. Distribution to any other recipient is prohibited. This material may not be copied or reprinted without the express written consent of ZimVie.
ZV0918 REV A 04/23 ©2023 ZimVie. All rights reserved.

