OSTEOGENICS REGENERATION PRODUCTS CATALOG

www.osteogenics.com | 888.796.1923



ORDERING

Our customer service professionals are available from 7 AM to 7 PM CST, Monday through Thursday, and 7 AM to 5 PM CST on Fridays. Orders may be placed by the following methods:

TOLL-FREE : NTERNATIONAL -FAX & EMAIL S WEBSITE N ADDRESS (

1.888.796.1923 (US & Canada only) +1 806.796.1923 806.796.0059 sales@osteogenics.com www.osteogenics.com Osteogenics Biomedical, Inc. 4620 71st Street | Building 78-79 Lubbock, TX 79424

SHIPPING

Orders placed by 5 PM CST will be shipped the same day unless specified otherwise by your customer service professional. Standard shipping is 2nd Day delivery with UPS. Due to our volume discounts with UPS, our 2nd Day rate is usually less than standard ground shipping and assures better tracking and customer support. Overnight delivery is available at discounted rates as well.

PRICING

Prices are subject to change. However, we will make every effort to notify you in advance of a change. We offer the following discounts on bulk purchases:

Save with our Standard Bulk Discounts! **Buy 5, Get 1 FREE | Buy 12, Get 3 FREE | Buy 30, Get 10 FREE**^{*} on all products except Pro-Fix[™] kits, Meisinger kits, Master-Mill, and Hu-Friedy instruments.

*Mixing and matching different products is permitted; the least expensive product will be credited as free.

PAYMENT

We make it easy for you. We accept all major credit cards, or domestic orders may choose payment terms of Net 15. All payments are in US Dollars.

AVAILABILITY

We know how frustrating back-orders are, so we carry enough inventory to ensure that, statistically, we have your product on hand 99% of the time. In the event of a back-order, we will notify you at the time of your order and give you an estimated ship date.

SATISFACTION ASSURANCE

If you are not completely satisfied with our products, call us and we will arrange for a replacement, exchange, or refund. Unopened boxes may be returned within 30 days from the invoice date for a full refund. Opened boxes may be returned for product exchange within 90 days of the invoice date. Call customer service at 1.888.796.1923 for return authorizations.

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All PART NUMBERS are denoted with a vertical bar

BENEFITS OF MICRO-CUTS

- Increased surface area at the graft-to-host interface¹
- Increased cellular infiltration¹
- Increased hydrophilicity of graft
- Hydrates in 60 seconds
- · Ease of trimming and suture placement

TECHNICAL SPECIFICATIONS

- Acellular dermis meets or exceeds all FDA and AATB guidelines for safety
- Terminally sterilized to a SAL of 10⁻⁶
- Packaged dehydrated
- No antibiotics, no rinsing
- Not side specific

Cytoplast MicroDerm[™]

Acellular dermal matrix with surface micro-cuts

Dual-sided cross-hatching to increase surface area

PATENTED MICRO-CUTS

Micro-cut channels shorten pathways for vascularization and increase tissue surface area available for attachment.

Case Photos Provided by Shaun Rotenberg, DMD, MS

- 1. Pre-op
- 2. Cytoplast MicroDerm[™] placed
- 3. Sutured
- 4. Two weeks post-op 5. Four months post-op

Site treated with Cytoplast MicroDerm[™] via a vestibular tunnel access approach and sutured wi<u>th Glycolon</u>[™].

1. Marinelli et al. Histologic Evaluation of Wound-Bed Preparedness Following Microsurfaced Skin Grafts for the Treatment of Deep Burn Wounds: Results from a Randomized Controlled Trial. Poster presented at 2023 AMSUS Annual Meeting; February 13, 2023; National Harbor, MD.









drv

Cytoplast MicroDerm[™] NEW Acellular dermal matrix with surface micro-cuts hydrated shown actual size CYTOPLAST Thickness = 1.2 mm +/-0.2 mm 1 cm x 1 cm "The *early healing* and *soft tissue* | CMD1010 (1 per box) appearance is really where Cytoplast *MicroDerm*[™] *shines*. Tissue never looks this good so early on with 1 cm x 2 cm traditional allograft." | CMD1020 (1 per box) Shaun Rotenberg Periodontist 1 cm x 4 cm | CMD1040 (1 per box) 2 cm x 4 cm | CMD2040 (1 per box)





After hydration, Cytoplast MicroDerm™ becomes soft and pliable.





A SYNERGISTIC COMBINATION

• Combines the synergistic characteristics of slowly resorbing, space-maintaining mineralized cortical bone with osteoinductive demineralized matrix to provide an optimized environment for the regeneration of vital bone

CHAIR-SIDE EFFICIENCY

- 70/30 combination graft is pre-mixed to reduce inventory and reduce chair-side preparation
- Double-sterile packaged for aseptic presentation in the surgical field

TESTED TWICE TO ENSURE ITS OSTEOINDUCTIVITY

- Pre-sterilization *in vitro* BMP-2 assay
 Prior to packaging and terminal sterilization, every lot is tested for a minimum threshold of BMP-2
 All lots that fail to meet the threshold are discarded
- Post-sterilization *in vivo* osteoinductivity verification
 Every lot undergoes a final *in vivo* post-sterilization
 test to verify its osteoinductive potential

BEST PRACTICES IN SAFETY

- Tissue processed by Allotech, an FDA-registered and AATB accredited tissue bank
- $\cdot\,$ Single donor per lot
- \cdot Terminally sterilized by low-dose e-beam irradiation to a sterility assurance level of $10^{.6}$



enCore®

Allografts





Representative histology taken at 6 months from a case using combination allograft

86% vital bone 14% residual graft 51% bone, 49% Marrow

Histology by Michael Rohrer, DDS, MS University of Minnesota



enCore® 70|30 Combination Allograft (FDBA & DFDBA)

70% Mineralized Cortical Allograft and 30% Demineralized Allograft 0.25 mm - 1.0 mm Particle Size

0.5 cc	C73050	(1 per box)
1.0 cc	C73100	(1 per box)
1.5 cc	C73150	(1 per box)
2.5 сс	C73250	(1 per box)

enCore[®] 50|50 Cortical & Cancellous Allograft

50% Mineralized Cortical Allograft and 50% Mineralized Cancellous Allograft 0.5 mm - 1.25 mm Particle Size

0.5 cc	CM55050	(1 per box)
1.0 cc	CM55100	(1 per box)
1.5 cc	CM55150	(1 per box)
2.5 сс	CM55250	(1 per box)



Ole

enCore[®] OD 30|70 Cortical & Cancellous Allograft

30% Mineralized Cortical Allograft and 70% Mineralized Cancellous Allograft 0.25 mm - 1.0 mm Particle Size

0.5 cc	OD37050	(1 per box)
1.0 cc	OD37100	(1 per box)
2.5 cc	OD37250	(1 per box)



enCore® Mineralized Cortical Allograft

100% Mineralized Cortical Allograft

.25 mm - 1.0 mm Particle Size

0.5 cc	SMIN050	(1 per box)
1.0 cc	SMIN100	(1 per box)
1.5 cc	SMIN150	(1 per box)
2.5 сс	SMIN250	(1 per box)





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

INTERCONNECTING PORES

Interconnecting macroscopic and microscopic porous structure supports the formation and ingrowth of new bone

88% TO 95% VOID SPACE

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*

PORCINE CANCELLOUS BONE

Derived from porcine cancellous bone, eliminating risk of BSE transmission

PROCESSED USING MINIMAL HEAT

Heat treated to an optimal temperature that ensures a degree of crystallinity¹ consistent with native bone mineral to allow for remodeling of the healing bone

*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.









SEM of Processed Human Bone Magnification x50



SEM of Zcore™ Porcine Xenograft Particulate Magnification x50

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	ZS 200	(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 сс	ZL200	(1 per box)



Zcore[™] Porcine Xenograft Particulate in Syringe

.25 mm - 1.0 mm Particle Size

0.25 cc	ZY025	(1 per box)	363633
0.5 cc	ZY050	(1 per box)	not actual size



Zcore[™] Form

Moldable Collagen-Enriched Porcine Xenograft







Zcore[™] Form hydrates almost immediately when introduced to the patient's blood or sterile saline.



Once hydrated, Zcore™ Form becomes moldable and can take the shape of a variety of defect shapes and sizes.



80% ZCORE[™] PORCINE XENOGRAFT PARTICULATE 20% TYPE I PORCINE COLLAGEN ↔

A composite of osteoconductive bone mineral and collagen, Zcore[™] Form is composed of 80% porcine xenograft particulate and 20% porcine collagen by volume (90% xenograft and 10% collagen by weight). The moldable consistency allows it to take the shape of the defect while also making the overall handling of the product easier and more convenient than particulate grafts.

Zcore[™] Expand

Expandable Collagen-Enriched Porcine Xenograft

NEW



Zcore[™] Expand hydrates and expands almost immediately when introduced to the patient's blood or sterile saline.



Once hydrated, Zcore™ Expand increases in diameter to fill the voia space in a socket or sinus defect.



dry F i y hydrated

Socket

5 mm x 17 mm 10 mm x 17 mm EXPANDED

	5	mm	
mm			
	10 mm	expanded	

shown actual size

ZXSOCKET	(1 unit)
ZXSOCKET-5	(5 units)
ZXSOCKET-10	(10 units)
ZXSOCKET-20	(20 units)

Small Sinus

13 mm diam. x 10 mm 17 mm x 10 mm EXPANDED

ZXSINUSS



17 mm expanded

Large Sinus 17 mm diam. x 12 mm

22 mm x 12 mm EXPANDED

ZXSINUSL (1 unit)

65% ZCORE™ PORCINE XENOGRAFT PARTICULATE 35% TYPE I EXPANDABLE PORCINE COLLAGEN

A composite of osteoconductive bone mineral and expandable collagen, Zcore™ Expand is composed of 65% porcine xenograft particulate and 35% porcine collagen by volume (80% xenograft and 20% collagen by weight). Zcore™ Expand is supplied as a compressed preformed sponge that expands when hydrated, allowing it to take the shape of the defect. The unique expandable property makes Zcore™ Expand a desirable option for extraction site grafting and/or sinus augmentation that uses a lateral approach.

NovaBone® Dental Putty & NovaBone® Morsels

The synthetic solution to bone regeneration

UNIQUE FORMULATION OF NOVABONE[®] DENTAL PUTTY

NovaBone® Putty is 100% synthetic and fully resorbable. It is composed of calcium phosphosilicate (CPS) particles in a bimodal size distribution combined with a polyethylene glycol and glycerine binder. The binder improves handling and aids in maintaining the space between the particles, which facilitates revascularization after implantation. The bioactive CPS component makes up 70% of the putty by volume. Upon implantation, the water soluble binder is absorbed within 24 to 72 hours, creating a 3-dimensional porous scaffold that facilitates diffusion of blood and tissue fluids through the matrix. The smaller CPS particles (32-125 µm) are more rapidly resorbed, providing the initial burst of Ca and P ions. Subsequently, the larger particles (90-710 µm) react, and being more resistant to resorption, continue the process of bone regeneration.

OSTEOSTIMULATIVE & OSTEOCONDUCTIVE

Unlike most synthetic grafts that are only osteoconductive, bioactive NovaBone® Putty also has an "osteostimulative" effect. After implantation, surface reactions result in absorption of the graft material, a controlled release of Si, Ca, and P ions, and concurrent new bone formation. These surface reactions result in an osteostimulative effect, defined as the stimulation of osteoblast proliferation in vitro as evidenced by increased DNA content and elevated osteocalcin and alkaline phosphatase levels. In vitro gene array analysis has confirmed that when human primary osteoblasts are exposed to extracts of CPS, upregulation of several gene families occurs.



SUPERIOR DELIVERY SYSTEM & HANDLING

NovaBone[®] Putty is available in multiple delivery options: trays, pre-filled syringes, and a unique industry-first cartridge delivery system. NovaBone[®] is the only graft material in the world that is available in disposable uni-dose cartridges. The cartridges simplify dispensing of the graft, especially in hard-to-reach areas, thus f acilitating minimally invasive techniques (and hard-to-access defects such as gaps in immediate implant placement and crestal-approach sinus lifts). Cartridges are available in various sizes and are used in conjunction with NovaBone[®]'s cartridge delivery system; each cartridge holds 0.25 to 0.5 cc's of putty.

NovaBone[®] Putty significantly simplifies bone graft handling and delivery. It is ready to use and extremely user friendly. It is pre-mixed, cohesive, moldable, and adaptable. NovaBone[®] Putty is stable at room temperature, does not require refrigeration, has a 4-year shelf-life, and appears radiodense on radiographs.

NovaBone[®] Dental Putty & NovaBone[®] Morsels

The synthetic solution to bone regeneration



"It's *amazing* for vertical approach sinus lifts in conjunction with implant placement! It lifts the membrane more predictability than other graft materials I've used, and it's more apparent on the x-ray due to radiopacity. I'm very happy and impressed with NovaBone[™]! I now feel I have greater predictability with vertical approach sinus lifts, and I'm doing it in situations when I would have previously used a lateral window approach to the sinus lift. *The results have been fantastic!*"

> Scott Price, DDS Periodontist

NovaBone® Putty in Cartridges

Cartridges

0.25 cc	NA4640	(4 per box)
0.5 cc	NA3620	(2 per box)
0.5 cc	NA3660	(6 per box)

Cartridge Applicator Gun

NA4600 (Fits all cartridges)

NovaBone® Putty in Syringes

0.5 cc	NA1610	(1 per box)
1.0 cc	NA1611	(1 per box)
2.0 сс	NA1612	(1 per box)

NovaBone[®] Morsels is a particulate product made up of a crystalline composite calcium phosphosilicate (CPS). The particle size ranges from 0.5 mm - 1.0 mm with pore sizes ranging from 0.05 mm - 0.10 mm. The pore size results in slow and sustained resorption that is completed over a 12-18 month period. The morsels have an "osteostimulative" effect similar to NovaBone[®] Dental Putty.



NovaBone[®] Morsels in Trays

1.3 cc | EU0820 (2 per box)

not actual size

		shown actual size
15 mm x 20 mm		SHOWH actual size
RTM1520	(2 per box)	Stat 1
		Timber ?!
20 mm x 30 mm		19-2
RTM2030	(2 per box)	Carlos de la competition de la
30 mm x 40 mm		1751251047100
RTM3040	(2 per box)	



MANUFACTURED FROM HIGHLY PURIFIED TYPE 1 BOVINE ACHILLES TENDON

Safe for the patient

26 – 38 WEEK RESORPTION TIME

Long predictable resorption time limits the risk of particle loss due to premature resorption

HIGH TENSILE STRENGTH

You can suture or tack the membrane in place without tearing

CELL OCCLUSIVE Prevents epithelial down growth

OPTIMIZED FLEXIBILITY

Stiff enough for easy placement, yet easily drapes over ridge



Type I bovine collagen membrane



"...I am impressed with its *handling*, but most importantly, I am impressed with its *results*."

Jerald Rosenberg, DMD Periodontist



Reconstituted fiber construction allows tissue integration while preventing direct passage of epithelial cells.

Cytoplast[™] RTMPlug, RTMFoam, & RTMTape

Absorbable Wound Dressing | Type I & Type III bovine collagen

RTMPlug 1 cm x 2 cm
RTMPLUG10 (10 per box)
RTMFoam 2 cm x 4 cm (3 mm thick)
RTMFOAM10 (10 per box)
RTMTape 2.5 cm x 7.5 cm (1 mm thick)
RTMTAPE10 (10 per box)

shown actual size

Wound dressings will be essentially resorbed within 30 days

APPLICATIONS

Surgical wounds
 Periodontal surgical wounds
 Extraction sites
 Dental sores
 Oral ulcers (non-infected or viral)
 Suture sites
 Burns
 Traumatic wounds





A perfectly soft consistency that drapes without the usual self-adherence experienced with other natural collagen membranes.

shown actual size

15 mm x 20 mm

ZM1520 (1 per box)

25 mm x 30 mm

ZM2530 (1 per box)



30 mm x 40 mm

ZM3040 (1 per box)



EASY HANDLING

- Does not stick to instruments or itself
- Either side can face the defect
- Low surface expansion when hydrated

HIGH TENSILE STRENGTH¹

- High suture retention
- High tear resistance

FACILITATES NEW BONE FORMATION^{2, 3}

• Significantly higher new bone formation in the central portion of the defect, in comparative *in vivo* study

1. Gasser A, et al. J Dent Res 2016,95 (Spec Iss A): 1683 2. Wessing B, et al. Clin Oral Impl Res; 2017;28(11):e218-e226 3. Omar O, et al. Clin Oral Impl Res; 2018;29(1):7-19

Zmatrix™

Porcine peritoneum collagen membrane



Cytoplast[™] TXT-200 & TXT-200 Singles

Micro-textured, high-density PTFE membrane



"I always know, *in advance*, the results of my bone grafting when I use Cytoplast[™] TXT-200 as a membrane. *Why bother with other membranes?*"

Mark Cohen, DDS Periodontist



The patented Regentex[™] surface helps stabilize the membrane and the soft tissue flap. Hexagonal surface dimples provide a textured surface that increases the area available for cellular attachment without increasing porosity. U.S. Patent #5,957,690



shown actual size MOST POPULAR SOCKET GRAFTING MEMBRANE





TXT-200 Singles

12 mm x 24 mm

TXT1224-1 (1 per box)

TXT1224 (10 per box)

NEW TXT-200 12 mm x 30 mm

TXT1230 (10 per box)

TXT-200 25 mm x 30 mm | TXT2530-1 (1 per box) | TXT2530 (4 per box)

NON-RESORBABLE

Won't resorb prematurely - you dictate healing time

100% DENSE (NON-EXPANDED) PTFE

Impervious to bacteria (pore size less than 0.3 µm) Data on file

PURPOSELY LEAVE THE MEMBRANE EXPOSED

Preservation of the soft tissue architecture and keratinized mucosa

HEXAGONAL DIMPLES INCREASE SURFACE AREA

Designed to increase membrane stabilization

Cytoplast[™] Technique Ridge Preservation Kit

| KITRPCT

(1) enCore[®] 70/30 Combination Allograft 0.5 cc

- (1) Cytoplast[™] TXT-200 Single
- (1) **Cytoplast™ PTFE Suture** USP 3/0; 16 mm RC needle



Ti-250 (250 μm thick) Ti-150 (150 μm thick) ANL 12 mm x 24 mm I Ti250ANL-N-1 | Ti150ANL-N-1 (1 per box) | Ti250ANL-N-2 | Ti150ANL-N-2 (2 per box)

Designed for narrow single-tooth extraction sites, especially where one bony wall is missing

ANL30

12 mm x 30 mm

Ti250ANL30-N-1	(1 per box)
Ti250ANL30-N-2	(2 per box)

Designed for narrow single-tooth extraction sites, especially where one bony wall is missing

PS

20 mm x 25 mm

Ti250PS-N-1	Ti150PS-N-1	(1 per box)
Ti250PS-N-2	Ti150PS-N-2	(2 per box)

Designed for large extraction sites and limited ridge augmentation

PL

25 mm x 30 mm

Ti250PL-N-1	Ti150PL-N-1	(1 per box)
Ti250PL-N-2	Ti150PL-N-2	(2 per box)

Designed for large bony defects, including ridge augmentation

Cytoplast[™] Titanium-Reinforced

Titanium-reinforced, high-density PTFE membrane



Cytoplast[™] Titanium-Reinforced

Titanium-reinforced, high-density PTFE membrane



VERSATILE RECTANGULAR SHAPES These configurations can be trimmed to fit a variety of defects. Shown actual size.







*Ti-150 membranes are 40% thinner than Ti-250 membranes, providing clinicians another handling option in Cytoplast™ Titanium-Reinforced Membranes.

Ti-250	Ti-150
(250 µm thick)	(150 µm thick)

XL

30 mm x 40 mm

Ti250XL-N-1	Ti150XL-N-1	(1 per box)
Ti250XL-N-2	Ti150XL-N-2	(2 per box)

Designed for very large bony defects, including ridge augmentation

XLK

30 mm x 40 mm

Ti250XLK-N-1	Ti150XLK-N-1	(1 per box)
Ti250XLK-N-2	Ti150XLK-N-2	(2 per box)

Designed for very large bony defects, including ridge augmentation

K2

40 mm x 50 mm

Ti250K2-N-1	Ti150K2-N-1	(1 per box)
Ti250K2-N-2	Ti150K2-N-2	(2 per box)

Designed for the largest bony defects, including ridge augmentation



Ti-250 (250 μm thick)	Ti-150 (150 μm thick)
AS 14 mm x 24 mm	
Ti250AS-N-1	Ti150AS-N-1
Ti250AS-N-2	Ti150AS-N-2

Designed for single-tooth extraction sites, especially where one or more bony walls are missing

(1 per box)

(2 per box)

ATC

24 mm x 38 mm

Ti250ATC-N-1	Ti150ATC-N-1	(1 per box)
Ti250ATC-N-2	Ti150ATC-N-2	(2 per box)

Designed for large extraction sites, including ridge augmentation

PTC

38 mm x 38 mm

Ti250PTC-N-1	Ti150PTC-N-1	(1 per box)
Ti250PTC-N-2	Ti150PTC-N-2	(2 per box)

Designed for large bony defects, including ridge augmentation

PD

38 mm x 38 mm

Ti250PD-N-1	Ti150PD-N-1	(1 per box)
Ti250PD-N-2	Ti150PD-N-2	(2 per box)

Designed for large bony defects, including distal extension of the posterior ridge

Cytoplast[™] Titanium-Reinforced

Titanium-reinforced, high-density PTFE membrane

Dimensional measurements shown in mm. Width measurements noted at widest point and narrowest point. Shown actual size.

INTERPROXIMAL SHAPES These configurations are designed to fit between existing teeth.









Cytoplast[™] Titanium-Reinforced

Titanium-reinforced, high-density PTFE membrane

Dimensional measurements shown in mm. Width measurements noted at widest point and narrowest point. Shown actual size.

SHAPES WITH FIXATION POINTS These configurations are designed with fixation points outside of the defect area.









Ti-250	Ti-150
(250 µm thick)	(150 µm thick)

BL

17 mm x 25 mm

Ti250BL-N-1	Ti150BL-N-1	(1 per box)
Ti250BL-N-2	Ti150BL-N-2	(2 per box)

Designed for large buccal defects

NEW BLL

17 mm x 30 mm

Ti250BLL-N-1	Ti150BLL-N-1	(1 per box)
Ti250BLL-N-2	Ti150BLL-N-2	(2 per box)

Designed for large buccal defects

PST

36 mm x 25 mm

Ti250PST-N-1	Ti150PST-N-1	(1 per box)
Ti250PST-N-2	Ti150PST-N-2	(2 per box)

Designed for large extraction sites and limited ridge augmentation in the anterior maxilla

PLT

41 mm x 30 mm

Ti250PLT-N-1	Ti150PLT-N-1	(1 per box)
Ti250PLT-N-2	Ti150PLT-N-2	(2 per box)

Designed for large bony defects, including ridge augmentation in the anterior maxilla





Hybrid Approach: Adaptability of a membrane with the porosity of a mesh

SHAPES WITH FIXATION POINTS

These configurations are designed with fixation points outside of the defect area.



CIRCULAR MACROPORES •

Allow direct contact between the bone graft and periosteum, allowing naturally occurring revascularization and infiltration of cells into the bone graft

TITANIUM FRAME

Maintains space essential for horizontal and vertical ridge augmentation

PTFE MESH •

Easily conforms to tissue contours

BL

17 mm x 25 mm

RPM200BL (1 per box)

Designed for large buccal defects

NEW BLL

17 mm x 30 mm

RPM200BLL

(1 per box)

Designed for large buccal defects

PST

36 mm x 25 mm

RPM200PST

(1 per box)

(1 per box)

Designed for large extraction sites and limited ridge augmentation in the anterior maxilla

PLT

41 mm x 30 mm

Designed for large bony defects, including ridge augmentation in the anterior maxilla



VERSATILE RECTANGULAR SHAPES These configurations can be trimmed o fit a variety of defects. Shown actual size.



PS

20 mm x 25 mm

RPM200PS

(1 per box)

Designed for large extraction sites and limited ridge augmentation

PL

25 mm x 30 mm

(1 per box)

Designed for large bony defects, including ridge augmentation

XLK

30 mm x 40 mm

RPM200XLK

(1 per box)

Designed for very large bony defects, including ridge augmentation

XLKM (mandible)

30 mm x 40 mm

	RPM200XLKM	(1 per box)
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Designed for very large bony defects, including mandibular ridge augmentation NOTE: Non-perforated region is designed for lingual aspect

XL

30 mm x 40 mm

RPM200XL

(1 per box)

Designed for very large bony defects, including ridge augmentation

K2

40 mm x 50 mm

RPM200K2

(1 per box)

Designed for the largest bony defects, including ridge augmentation



ATC

24 mm x 38 mm

RPM200ATC

(1 per box)

Designed for large extraction sites, including ridge augmentation

ATCM (mandible)

24 mm x 38 mm

RPM200ATCM

(1 per box)

Designed for large extraction sites, including mandibular ridge augmentation NOTE: Non-perforated region is designed for lingual aspect

PTC

38 mm x 38 mm

(1 per box)

Designed for large bony defects, including ridge augmentation

PTCM (mandible)

38 mm x 38 mm

RPM200PTCM

(1 per box)

Designed for large bony defects, including mandibular ridge augmentation NOTE: Non-perforated region is designed for lingual aspect sional measurements shown in mm. measurements noted at widest point harrowest point. Shown actual size. INTERPROXIMAL SHAPES ese configurations are designed to fit between existing teeth.





24

RPM[™] Reinforced PTFE mesh

RPM[™] *Reinforced PTFE mesh*

Dimensional measurements shown in mm. Width measurements noted at widest point and narrowest point. Shown actual size.

INTERPROXIMAL SHAPES These configurations are designed to fit between existing teeth.





PD

38 mm x 38 mm

RPM200PD

(1 per box)

Designed for large bony defects, including distal extension of the posterior ridge

PDMR (mandible right)

38 mm x 38 mm

	RPM200PDMR	(1 per box)

Designed for large bony defects, including distal extension of the right posterior mandibular ridge NOTE: Non-perforated region is designed for lingual aspect

PDML (mandible left)

38 mm x 38 mm

(1 per box)

Designed for large bony defects, including distal extension of the left posterior mandibular ridge NOTE: Non-perforated region is designed for lingual aspect



25 mm x 34 mm (provided non-sterile)

TM2534

45 mm x 45 mm (provided non-sterile)

TM4545

Osteo-Mesh[™] TM-300

Titanium nitride-coated mesh



ULTRA-THIN; 0.2 MM THICK

Easier to get primary closure

0.5 MM PORE SIZE

Contains most graft materials

SAFE, HIGHLY INERT, NON-REACTIVE, NON-STICK NITRIDE COATING

- · Improves tissue release upon removal
- $\cdot\,$ High coating density with no pores to hold contaminants
- · Will not stain or corrode
- · Outstanding wear resistance

REPEATEDLY STERILIZED BY AUTOCLAVE

Unused portions are not wasted



Pore size of 0.5 mm contains graft material while allowing tissue ingrowth.

Cytoplast[™] PTFE Suture

The soft monofilament suture



300 SERIES STAINLESS STEEL NEEDLES

All Cytoplast™ PTFE Sutures now have 300 series stainless steel needles, the gold standard material for suture needles. Tests comparing the new needles to previous needles show a substantial increase in needle strength, initial needle sharpness, and sustained needle sharpness. Tests show that the new 300 series needles are less likely to bend, require less force to penetrate, and maintain sharpness longer. Additionally, all silver needles now have longer and geometrically finer precision cutting edges. Data on file

All Cytoplast[™] Sutures are 12 per box Now in NEW 28" lengths

18" Undyed 28" Undyed	Precision RC 19 mm	2/0 USP	CS0418 CS0428
18" Undyed 28" Undyed	Precision RC 16 mm	3/0 USP	CS0518 CS0528
18" Undyed 28" Undyed	Precision RC 19 mm	3/0 USP	CS051819 CS052819
18" Undyed 28" Undyed	RC 16 mm black needle	3/0 USP	CS0518BK CS0528BK
18" Undyed 28" Undyed	RC 19 mm black needle	3/0 USP	CS051819BK CS052819BK
18" Undyed 28" Undyed	TP 13 mm	4/0 USP	CS0618PERIO CS0628PERIO
18" Undyed 28" Undyed	Precision RC 13 mm	4/0 USP	CS0618PREM CS0628PREM
18" Undyed 28" Undyed	Precision RC 16 mm	4/0 USP	CS0618RC CS0628RC
18" Undyed 28" Undyed	Precision RC 13 mm	5/0 USP	CS071813 CS072813
18" Undyed 28" Undyed	Precision RC 16 mm	5/0 USP	CS071816 CS072816

NEEDLE CODE DETAIL

- RC 3/8 CIRCLE REVERSE CUTTING

100% MEDICAL GRADE PTFE

Biologically inert

MONOFILAMENT

Doesn't wick bacteria

SOFT (NOT STIFF)

Comfortable for patients

LITTLE TO NO PACKAGE MEMORY

Excellent handling, knots securely

NON-RESORBABLE

Keeps the surgical site reliably closed



NEW Violet	DSM 16 mm	3/0 USP	OD01204
NEW Violet	DSM 18 mm	3/0 USP	OD01205
Violet	HRT 18 mm	4/0 USP	OD01101
Violet	DSM 16 mm	4/0 USP	OD01201
Violet	DSM 18 mm	4/0 USP	OD01203
Violet	DSM 13 mm black needle	5/0 USP	OD01210
Violet	DSM 16 mm black needle	5/0 USP	OD01211
Violet	DSM 18 mm black needle	5/0 USP	OD01212
Violet	HRT 16 mm	5/0 USP	OD01100
Violet	DSM 16 mm	5/0 USP	OD01214
Undyed	DSM 18 mm	5/0 USP	OD01202
Undyed	DSM 13 mm	6/0 USP	OD01200
Violet	DSM 13 mm	6/0 USP	OD01213
MICRO SUTUR	E:		
Violet	HRT 10 mm	6/0 USP	OD01102

NEEDLE CODE DETAIL

- DSM 3/8 CIRCLE PREMIUM REVERSE CUTTING
- HRT 1/2 CIRCLE ROUND-BODIED CUTTING

Resorba[®] Glycolon[™]

Absorbable, Monofilament

Glycolon™ Is Resorba's © top selling suture material worldwide and is comprised of poly-glycolic acid (PGA) and polycaprolactone (PCL). The monofilament structure provides excellent handling properties, does not wick bacteria, and allows for atraumatic passage through the tissue. Glycolon™ maintains 50% of its tensile strength for 11-13 days. In Vivo data on file

"I like it so much that if I ask for a suture, *my staff doesn't need to ask what I want...they know it's 6-0 Glycolon*™. Can't beat that."

> Israel Puterman, DMD, MSD Periodontist

"Hands down my favorite resorbable sutures; very easy to handle, so clean on post ops, also I love that it stays for a long time with good tensile strength. Last, but not least, it looks so beautiful in pictures."

> Thaer Alqadoumi, DDS Periodontist

Resorba[®] PGA Resorba[™]

Absorbable, Multifilament

PGA Resorba[™] is an absorbable suture made of precision-braided filaments of polyglycolic acid coated with a special resolactone coating to reduce surface friction when passing through tissue. The composition of PGA Resorba[™] ensures predictable and moderately rapid resorption in tissue. PGA Resorba[™] maintains 50% tensile strength for up to 21 days. In Vivo data on file



NEEDLE CODE DETAIL

- **DSM** 3/8 CIRCLE PREMIUM REVERSE CUTTING
- S 3/8 CIRCLE STANDARD REVERSE CUTTING
- **IRT** 1/2 CIRCLE ROUND-BODIED CUTTING
- HR 1/2 CIRCLE ROUND-BODIED
- HSM 1/2 CIRCLE PREMIUM REVERSE CUTTING





Blue	DSM 13 mm	4/0 USP		OD13202
Blue	DSM 16 mm	4/0 USP		OD13205
Blue	DSM 18 mm	4/0 USP		OD13207
Blue	DSM 16 mm black needle	4/0 USP		OD13215
Blue	HS 18 mm	5/0 USP		OD13700
Blue	DSM 13 mm	5/0 USP		OD13201
Blue	DSM 16 mm	5/0 USP		OD13204
Blue	DSM 18 mm	5/0 USP	I	OD13206
Blue	DSM 13 mm black needle	5/0 USP		OD13213
Blue	DSM 16 mm black needle	5/0 USP		OD13214
Blue	DSM 13 mm	6/0 USP		OD13200
Blue	DSM 16 mm	6/0 USP		OD13203
Blue	DSM 13 mm black needle	6/0 USP		OD13212
	E:			
Blue	DSM 13 mm black needle	7/0 USP	I	OD13211

Resorba[®] Resolon[™]

Non-Absorbable, Monofilament

Resolon[™] is initially like traditional nylon sutures until it undergoes a proprietary treatment process that results in a softer and more supple version of a nylon suture. Resolon[™] provides clinicians a non-absorbable monofilament suture option that does not wick bacteria and has superior handling characteristics when compared to traditional nylon sutures.

NEEDLE CODE DETAIL

DSM 3/8 CIRCLE PREMIUM REVERSE CUTTIN

HS 1/2 CIRCLE STANDARD REVERSE CUTTING



Resorba[®] Resolon Twist[™]

Non-Absorbable, Pseudo-Monofilament

Resolon Twist™ is a pseudo-monofilament made of braided nylon fibers that are coated with a nylon sheath. The pseudo-monofilament design offers clinicians a non-absorbable suture that handles similarly to a multifilament suture but, due to its outer nylon coating, has the advantage of reduced drag when being pulled through soft tissue.



Undyed	HRT 18 mm	3/0 USP	OD12100
Undyed	HS 15 mm	4/0 USP	OD12700
Undyed	DSM 16 mm	4/0 USP	OD12200
Undyed	DSM 18 mm	4/0 USP	OD12201

NEEDLE CODE DETAIL

- **DSM** 3/8 CIRCLE PREMIUM REVERSE CUTTING
- HRT 1/2 CIRCLE ROUND-BODIED CUTTING
- HS 1/2 CIRCLE STANDARD REVERSE CUTTING



Pro-Fix[™] Membrane Fixation

Precision Fixation System

Tray and organizer dial are designed to store all Pro-fix™ components including up to 100 membrane fixation, tenting, and bone fixation screws. Blades are designed to work universally with all Pro-fix™ membrane fixation, tenting, and bone fixation screws.

Membrane Fixation Kit

PFMK20

Autoclavable Tecapro[™] storage tray w/ screw organizer dial

Stainless steel driver handle

76 mm cruciform driver blade

56 mm cruciform driver blade

(20) **1.5 x 3 mm self-drilling membrane fixation screws**

Self-Drilling Membrane Fixation Screws

1.5 mm x 3 mm

PFMF-5	(5 per box)
PFMF-10	(10 per box)
PFMF-20	(20 per box)



Individual Components

Stainless Steel Driver Handle	PFDH
76 mm Cruciform Driver Blade	PFDB
56 mm Cruciform Driver Blade	PFDB56
24 mm Contra Angle Blade (10 mm exposed distal length)	PFDBCA
1.2 mm diam. Latch Type Pilot Drill	BI1001
Autoclavable Tecapro™ storage tray	PFT

Pro-fix[™] Membrane Fixation Screws are designed as an attractive alternative to using tacks for membrane stabilization. Easy pick-up, solid stability of the screw during transfer to the surgical site, and easy placement make membrane fixation fast and easy.





Pro-Fix[™] Tenting

Precision Fixation System

Pro-fix[™] Tenting Screws are designed with a self-drilling tip, polished neck, and broader head to maintain space under resorbable and nonresorbable membranes in horizontal and vertical bone regeneration procedures.



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Tenting Kit

| PFTK12 **\$997**

Autoclavable Tecapro[™] storage tray w/ screw organizer dial

Stainless steel driver handle

76 mm cruciform driver blade

56 mm cruciform driver blade

- (4) **1.5 x 3 mm self-drilling tenting screws** (7 mm total length)
- (4) **1.5 x 4 mm self-drilling tenting screws** (8 mm total length)
- (4) **1.5 x 5 mm self-drilling tenting screws** (9 mm total length)

For individual Pro-Fix[™] driver and container components, see opposite page.

	Self-Drill 1.5 mm x 3 n + 4 mm threaded	ing Tenting Scro nm polished neck 1 portion = 7 mm total	ews
V	PFT3	(1 per box)	
actual size	PFT3-5	(5 per box)	
	1.5 mm x 4 n + 4 mm threaded	nm polished neck d portion = 8 mm total	
	PFT4	(1 per box)	
actual size	PFT4-5	(5 per box)	
	1.5 mm x 5 n + 4 mm threaded	nm polished neck d portion = 9 mm total	
8 b c c c c	PFT5	(1 per box)	
actual Size	PFT5-5	(5 per box)	
(;	Fully Thro Tenting S 1.5 mm x 8 n	eaded Self-Drill crews	ing
actual size	PFT8	(1 per box)	
	1.5 mm x 10	mm	
actual size	PFT10	(1 per box)	
		osteogenics.com	1.888.796.1923

Pro-Fix[™] Bone Fixation

Precision Fixation System

Pro-fix[™] Bone Fixation Screws are designed with finer pitched, self-tapping threads that give the screws greater clamping force while using less driver torque. The screws' threads are equipped with a cutting flute that allows for easier insertion into harder bone. The screws are placed into a 1.2 mm pre-drilled pilot hole.



Bone Fixation Kit

PFBK12S

Autoclavable Tecapro[™] storage tray w/ screw organizer dial

Stainless steel driver handle

76 mm cruciform driver blade

56 mm cruciform driver blade

1.2 mm diameter latch type pilot drill

(2) **1.5 x 8 mm bone fixation screws**

(4) **1.5 x 10 mm bone fixation screws**

(4) **1.5 x 12 mm bone fixation screws**

(2) **1.5 x 14 mm bone fixation screws**

For individual Pro-Fix[™] driver and container components, see page 32.

Self-Tapping Bone Fixation Screws

1.5 m	nm x 8 mm	1	-	S
PI	FB8	(1 per box)		000000
PI	FB8-5	(5 per box)	-annund	actual size
1.5 m	nm x 10 m	m		
P	FB10	(1 per box)		
P	FB10-5	(5 per box)		actual size
1.5 m	nm x 12 m	m		
P	FB12	(1 per box)		
P	FB12-5	(5 per box)	-annumental	actual size
1.5 m	nm x 14 m	m		
P	FB14	(1 per box)		
P	FB14-5	(5 per box)		actual size

34 osteogenics.com **1.888.796.1923**

Master-Pin-Control

Revolutionary hybrid pin system







Master-Pin-Control

BMP00

(34) Pins
Master-Pin-Tray
Screw Driver For Pin Removal
Fixation Holder
Initial Bur
Twist Drills: (2) 0.6 mm twist drills, (2) 0.8 mm twist drills

Master-Pin-Control Basic

BMPBA

(10) **Pins** Master-Pin-Tray Screw Driver For Pin Removal **Fixation Holder** Initial Bur

Twist Drills: (2) 0.6 mm twist drills, (2) 0.8 mm twist drills

Master-Pin Longer Screw Driver

Designed to make pin removal easier in hard to reach areas

| MP15 (1 per box)

Replacement Pins



MP10	(10 per box)
MP50	(50 per box)
MP100	(100 per box)

Decortication Bur

1.2 mm diameter x 4.0 mm long decortication bur with drill stop

203S-012-RA (2 per box)

The Master-Pin-Control Bone Management[®] system mobility of the graft. The pins have an extremely pins possible with the included screwdriver.



Master-Mill & Master-Core System

Heising since 1888

Master-Mill

BKM00



Master-Core Professional

BMCPR

(20 Trephines)

(10 Trephines)





The Master-Core System contains trephines with selected lengths and diameters for a safe and simple extraction of bone cylinders. The different trephines included in the system have diameters of 3.0 mm, 5.0 mm, and 7.0 mm and are 3.0 mm to 8.0 mm in length. The trephines are equipped with automatic depth stops, which offer maximum safety and flexibility while saving anatomical structures. Due to the black coating and depth markings on the working parts the user can work without glare.

Master-Core-Basic

BMCBA

36 osteogenics.com **1.888.796.1923**

Swann-Morton®

Premium Micro-Serrated Blades

"The Swann-Morton® blades have several advantages: First they cut, and *they cut clean and easy*. Secondly, *their shape is perfect*. The 15c is like a microsurgical blade, cutting precisely with its spiky tip. The 15 blade has a long, perfectly angulated blade that can be used very safely for eliminating periosteal bundles around the nerve. I use the 15 blade for this and for cutting through the periosteum on the third zone of the lingual flap."

> Istvan Urban, DMD, MD, PhD Periodontist Oral and Maxillofacial Surgeon

SWANN-MORTON® BLADE EDGE DESIGN



Unique cutting-edge design delivers a consistently sharp blade.

COMPETITOR BLADE EDGE DESIGN



While initially sharp, this edge can deteriorate faster.

		5	ENGLAND
	15 Blade		
15	01SM15	Stainless Steel	(100 per box)
	00SM15	Carbon Steel	(100 per box)
	15C Blade		
15C	01SM15C	Stainless Steel	(100 per box)
	00SM15C	Carbon Steel	(100 per box)
	12D Blade		
120	01SM12D	Stainless Steel	(100 per box)
	00SM12D	Carbon Steel	(100 per box)

SMOOTH RAZOR EDGE SUPPORTED BY A MICRO-SERRATED EDGE

Maintains a consistently sharp blade

EDGE DESIGN DELIVERS A TACTILE SENSITIVITY

Improves depth control while providing equal, smooth tissue margins

Micross

Minimally invasive cortical bone collector

not actual size

Holds up to 0.25 cc at a time

4049 (1 sterile scraper per package)

APPLICATIONS

HARVESTING SITES

· Oblique external line with tunnel

Extraction defectsPeriodontal defects

• Sinus lift procedures

Lingual bone

- Sinus window
 - Palate
 - · Zygomatic area with tunnel
 - · Small areas near the defect



The cannula's 5 mm external diameter allows the Micross to be easily inserted into tissue tunnels.

Smartscraper

Cortical bone collector and syringe in one



Holds up to 0.3 cc at a time

4890 (3 sterile scrapers per package)

APPLICATIONS

- Extraction defects
- Periodontal defects
- Sinus lift procedures
- Ridge augmentation

HARVESTING SITES

- Oblique external line with tunnel
- Ramus
 - Mandibular symphysis
- nentation · Sinus window
 - · Lingual bone
 - $\cdot\,$ Zygomatic area
 - \cdot Nasal spine
 - Palate
 - Small areas near the defect





The Smartscraper is opened with a simple movement. The syringe, in which the bone particulate has been collected, can then be used to place graft directly into areas with limited access.

Safescraper[®] Twist - Curve

Versatile cortical bone collector

A 160° blade allows clinicians to collect bone from any bony surface.



The Safescraper® Twist's transparent chamber holds up to 2.5 cc of bone that can be used alone or mixed in combination with other graft materials. not actual size

Holds up to 2.5 cc at a time

3987 (3 sterile scrapers per package)

APPLICATIONS

• Extraction defects

- · Periodontal defects
- Sinus lift procedures
- Ridge augmentation
- Sinus windowLingual bone
- · Zygomatic area
- · Nasal spine
- Palate

· Ramus

· Small areas near the defect

NEW

HARVESTING SITES

· Mandibular symphysis

• Oblique external line with tunnel

Safescraper[®] Twist - Curve Volumizer

Versatile cortical bone collector



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