

OSTEOGENICS

REGENERATION PRODUCTS CATALOG

www.osteogenics.com | 888.796.1923



UNRIVALED
REGEN SOLUTIONS

**Save with our
Standard Bulk
Discounts!**

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	1.888.796.1923 (US & Canada only)
INTERNATIONAL	+1 806.796.1923
FAX	806.796.0059
EMAIL	sales@osteogenics.com
WEBSITE	www.osteogenics.com
ADDRESS	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:

Buy 5, Get 1 FREE | Buy 12, Get 3 FREE | Buy 30, Get 10 FREE*
on all products except Pro-Fix™ kits, Versah®, Meisinger, Master-Mill, and Hu-Friedy products.

**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. Osteogenics also provides a warranty against defects in materials and workmanship on all Pro-Fix™ Precision Fixation System instrumentation for a period of 3 years from date of purchase. Call customer service at 1.888.796.1923 for return authorizations.



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SELECTION OF APPLICABLE REFERENCES

- *New Items Available*

| All **PART NUMBERS** are denoted with a vertical bar

NEW

Cytoplast MicroDerm™

Acellular dermal matrix with surface micro-cuts

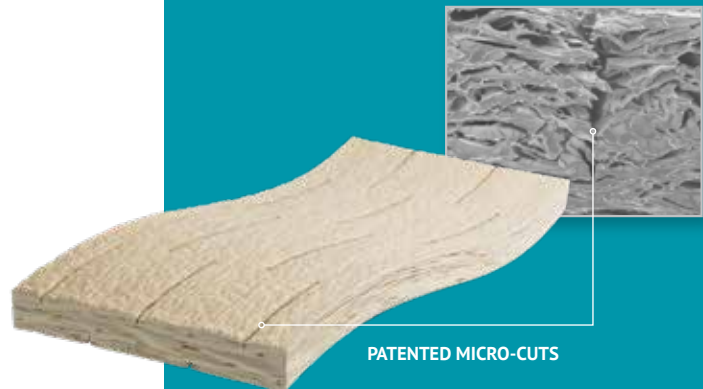
dry

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



Dual-sided cross-hatching to increase surface area

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. One year post-op

Site treated with Cytoplast MicroDerm™ via a vestibular tunnel access approach and sutured with Glycolon™.



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.

Cytoplast MicroDerm™

Acellular dermal matrix with surface micro-cuts

NEW

hydrated



"The **early healing** and **soft tissue appearance** is really **where Cytoplast MicroDerm™ shines**. Tissue never looks this good so early on with traditional allograft."

Shaun Rotenberg
Periodontist

shown actual size

Thick (1.75 +/- .25 mm)	Thin (1.25 +/- .25 mm)
----------------------------	---------------------------

1 cm x 1 cm



CMD1010TK	CMD1010 (1 per box)
-----------	---------------------

1 cm x 2 cm



CMD1020TK	CMD1020 (1 per box)
-----------	---------------------

1 cm x 4 cm



CMD1040TK	CMD1040 (1 per box)
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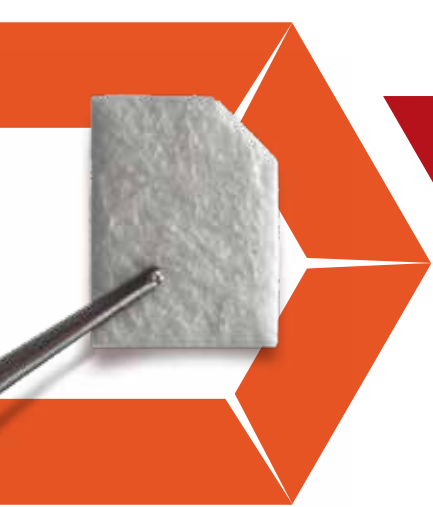
2 cm x 4 cm



CMD2040TK	CMD2040 (1 per box)
-----------	---------------------



After hydration, Cytoplast MicroDerm™ becomes soft and pliable.

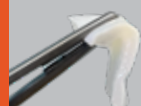


NEW

Zderm™

Collagen Soft Tissue Matrix

A NEW SOLUTION in SOFT TISSUE GRAFTING DESIGNED TO PERFORM WHEN LEFT EXPOSED*

	 ZDERM™	LEADING COMPETITOR
Easily handles when dry or hydrated	✓	X
Superior suture retention strength ¹	✓	X
Superior tissue regeneration at 12 weeks ²	✓	X
Excellent handling after hydration (product images shown after 30 seconds of hydration)		

1. Suture Retention Strength: Zderm™ (1.67 +/- 0.29) vs. Leading Competitor (1.46 +/- 0.77)

2. Zderm vs. Mucograft Canine Keratinized Tissue Study data on file

PURPOSEFULLY ENGINEERED

Zderm™ Collagen Soft Tissue Matrix is a cross-linked resorbable matrix engineered from highly purified Type I collagen fibers derived from porcine Achilles tendon.

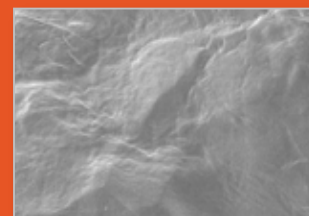
The product is composed of two structures: a coated outer layer that acts as a barrier membrane and a porous matrix layer to allow cell invasion and tissue ingrowth. The product is oriented so that the porous layer is in contact with the host tissue to facilitate tissue integration.

**Primary closure is not required for device performance. Complete wound closure should be attempted when possible.*



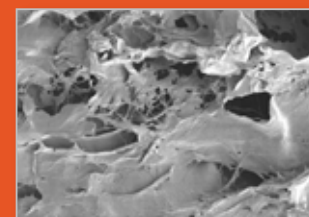
INDICATED for:

- Soft tissue augmentation to increase keratinized tissue
- Soft tissue augmentation around implants



Coated Surface

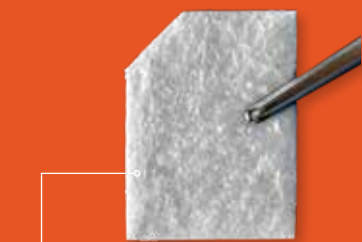
Magnification x100



Porous Matrix Surface

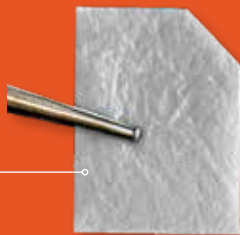
Magnification x100

The coated front layer should face outward, away from underlying bone. The porous back layer should face inward toward the bone. The front is identified by the location of the chamfer on the **upper left corner** when the Zderm™ is oriented vertically. For the round option, the front layer contains an impression.



Front View

Coated outer layer that acts as a barrier membrane
- face outward



Back View

Porous layer allows cell invasion and tissue ingrowth - face inward

shown actual size

Thick
(4 - 5 mm)

Thin
(1.5 - 3 mm)

15 mm x 20 mm

| ZD1520TK

| ZD1520TN

(1 per box)

20 mm x 30 mm

| ZD2030TK

| ZD2030TN

(1 per box)

30 mm x 40 mm

| ZD3040TK

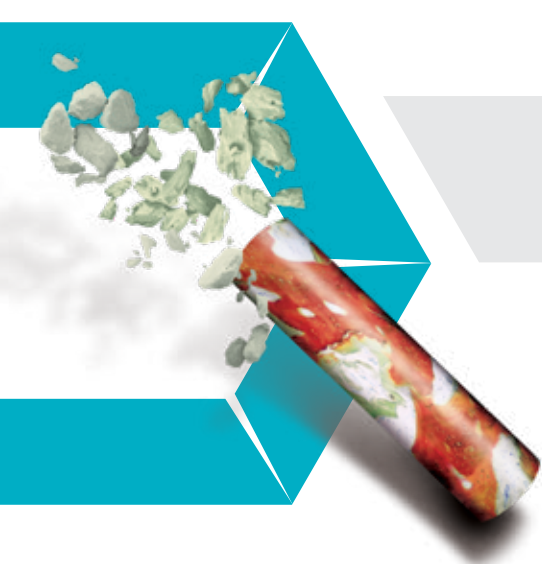
| ZD3040TN

(1 per box)

Round 10 mm

| ZD10TK

(1 per box)



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 allograft is pre-mixed to reduce inventory and chair-side preparation
- Double-sterile packaged for aseptic presentation in the surgical field

TESTED TO ENSURE ITS OSTEOINDUCTIVITY

- Pre-sterilization *in vitro* BMP-2 assay
Prior to packaging and terminal sterilization, each lot is tested for a minimum threshold of BMP-2; Lots failing to meet this are discarded

BEST PRACTICES IN SAFETY

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



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 cc	C73250	(1 per box)

enCore® Natural Blend Cortical & Cancellous

Cortical and Cancellous Allograft from a Single Donor

0.25 mm - 1.0 mm Particle Size

0.25 cc	NAT025	(1 per box)
0.5 cc	NAT050	(1 per box)
1.0 cc	NAT100	(1 per box)
1.5 cc	NAT150	(1 per box)
2.5 cc	NAT250	(1 per box)





enCore® 50|50 Cortical & Cancellous Allograft

50% Mineralized Cortical and 50% Mineralized Cancellous
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 cc	CM55250	(1 per box)



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® Cortical Allograft

0.25 mm - 1.0 mm Particle Size

0.25 cc	SMIN025	(1 per box)
0.5 cc	SMIN050	(1 per box)
1.0 cc	SMIN100	(1 per box)
1.5 cc	SMIN150	(1 per box)
2.5 cc	SMIN250	(1 per box)

NEW



enCore® Cancellous Allograft

0.25 mm - 1.0 mm Particle Size

0.25 cc	MCAN025	(1 per box)
0.5 cc	MCAN050	(1 per box)
1.0 cc	MCAN100	(1 per box)
1.5 cc	MCAN150	(1 per box)
2.5 cc	MCAN250	(1 per box)

NEW



enCore® Demineralized Cortical Allograft

0.125 mm - 0.85 mm Particle Size

0.25 cc	DMCR025	(1 per box)
0.5 cc	DMCR050	(1 per box)
1.0 cc	DMCR100	(1 per box)
1.5 cc	DMCR150	(1 per box)
2.5 cc	DMCR250	(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

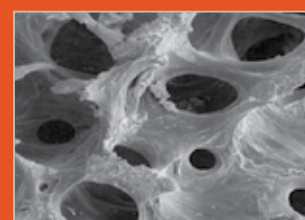
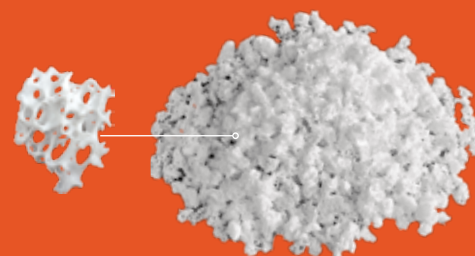
Derived from porcine cancellous bone, eliminating risk of BSE transmission

PROCESSED USING MINIMAL HEAT

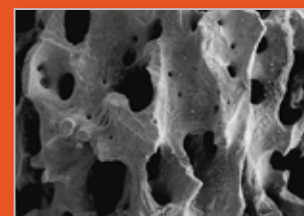
Heat treated to an optimal temperature that ensures a degree of crystallinity¹ consistent with native bone mineral to allow for remodeling of the healing bone

*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	ZS200	(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 cc	ZL200	(1 per box)



Zcore™ Porcine Xenograft Particulate in Syringe

.25 mm - 1.0 mm Particle Size

0.25 cc	ZY025	(1 per box)
0.5 cc	ZY050	(1 per box)



not actual size

Zcore™ Form

Moldable Collagen-Enriched Porcine Xenograft



9 mm diam. x 8 mm

0.5 cc

| ZF050

(1 per box)

shown actual size



11 mm diam. x 12 mm

1.0 cc

| ZF100

(1 per box)



11 mm diam. x 22 mm

2.0 cc

| ZF200

(1 per box)



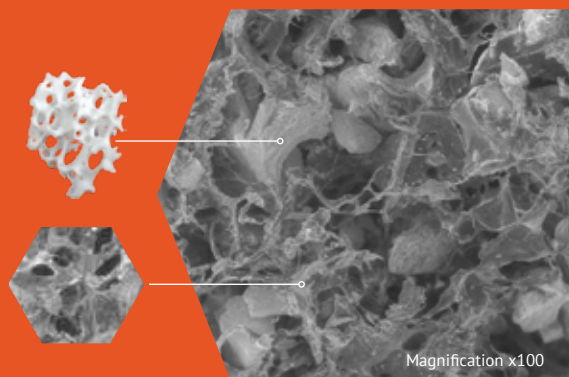
Zcore™ Form hydrates almost immediately when introduced to the patient's blood or sterile saline.



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

90% ZCORE™ PORCINE XENOGRAPH PARTICULATE 10% TYPE I PORCINE COLLAGEN

A composite of osteoconductive bone mineral and collagen, Zcore™ Form is composed of 90% porcine xenograft particulate and 10% porcine 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.



Magnification x100

Zcore™ Expand

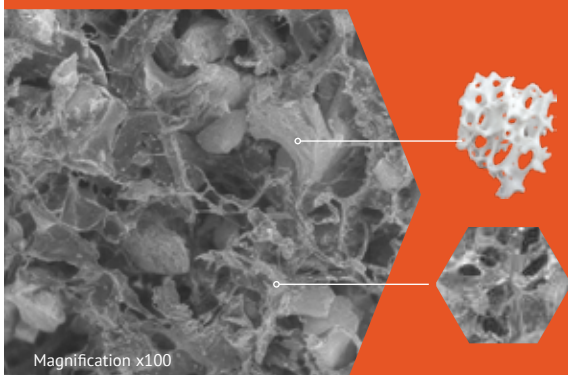
Expandable Collagen-Enriched Porcine Xenograft



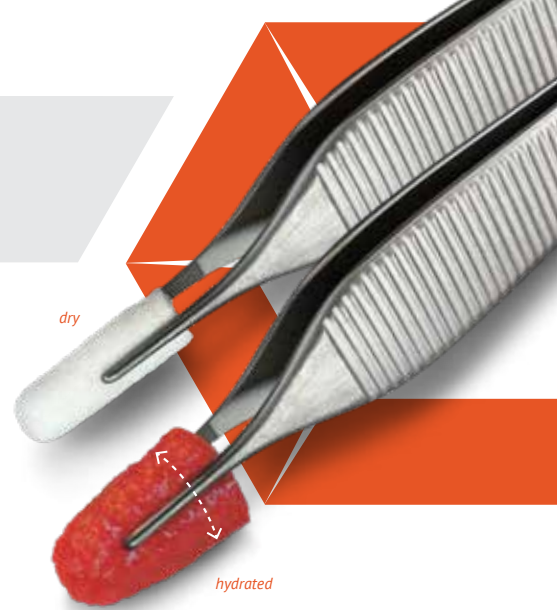
Zcore™ Expand hydrates and expands almost immediately when introduced to the patient's blood or sterile saline.



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



Magnification x100



Socket

5 mm x 17 mm

10 mm x 17 mm EXPANDED

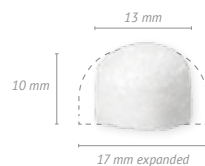
| ZXSCKET (1 unit)

| ZXSCKET-5 (5 units)

| ZXSCKET-10 (10 units)

| ZXSCKET-20 (20 units)

shown actual size

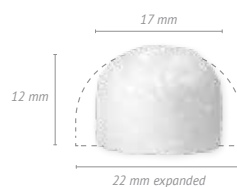


Small Sinus

13 mm diam. x 10 mm

17 mm x 10 mm EXPANDED

| ZXSINUSS (1 unit)



Large Sinus

17 mm diam. x 12 mm

22 mm x 12 mm EXPANDED

| ZXSINUSL (1 unit)

80% ZCORE™ PORCINE XENOGRAFT PARTICULATE 20% TYPE I EXPANDABLE PORCINE COLLAGEN

A composite of osteoconductive bone mineral and expandable collagen, Zcore™ Expand is composed of 80% porcine xenograft particulate and 20% porcine 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



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)



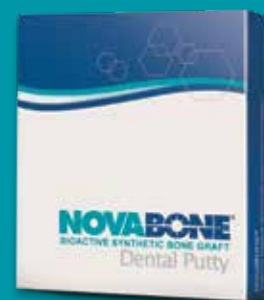
Cartridge Applicator Gun

NA4600	(Fits all cartridges)
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NovaBone® Putty in Syringes

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



"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® Morsels in Trays

1.3 cc	EU0820	(2 per box)
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not actual size

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.

Zmatrix™

Porcine peritoneum collagen membrane



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



Cytoplast™ RTM Collagen

Type I bovine collagen membrane

15 mm x 20 mm

| RTM1520 (2 per box)

shown actual size



20 mm x 30 mm

| RTM2030 (2 per box)



30 mm x 40 mm

| RTM3040 (2 per box)



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

*Jerald Rosenberg, DMD
Periodontist*

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

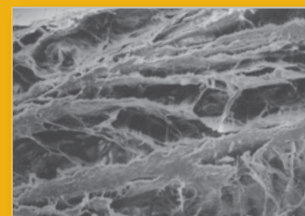
You can suture or tack the membrane in place without tearing

CELL OCCLUSIVE

Prevents epithelial down growth

OPTIMIZED FLEXIBILITY

Stiff enough for easy placement, yet easily drapes over ridge



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



shown actual size



RTMPlug

1 cm x 2 cm

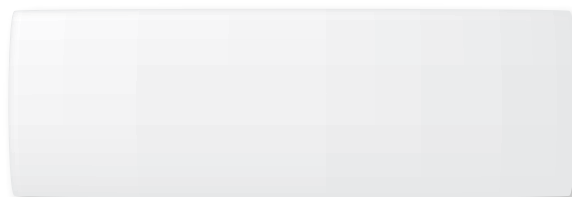
| RTMPLUG10 (10 per box)



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)



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

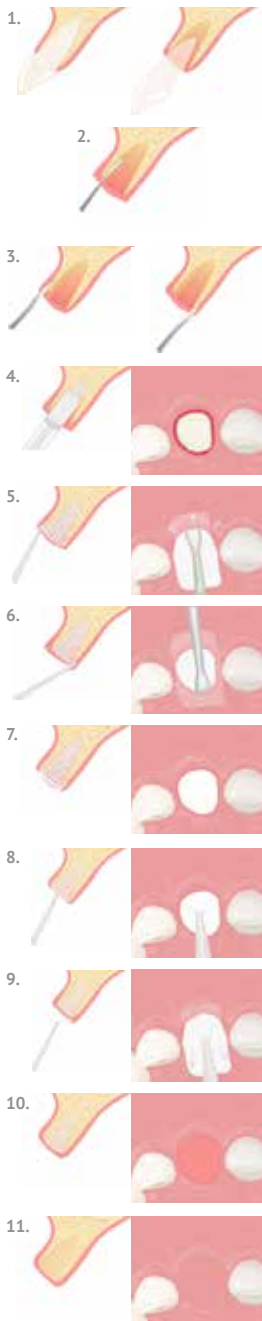
Cytoplast™ Technique

Ridge preservation without primary closure | U.S. Patent # 6,019,764

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



1. Preoperative view. To maximize the result of ridge preservation procedures, techniques designed to minimize trauma to the alveolar bone, such as the use of periostomes and surgical sectioning of ankylosed roots should be considered.

2. All soft tissue remnants should be removed with sharp curettage. Special care should be taken to remove all soft tissue at the apical extent of the socket of endodontically treated teeth. Bleeding points should be noted on the cortical plate. If necessary, decortication of the socket wall should be done with a #2 round burr to improve blood supply.

3. A subperiosteal pocket is created with a micro periosteal elevator or small curette, extending 3-5 mm beyond the socket margins on the palatal and the facial aspect of the socket. In the esthetic zone, rather than incising and elevating the interdental papilla, it is left intact and undermined in a similar fashion. The Cytoplast™ high-density PTFE membrane will be tucked into this subperiosteal pocket.

4. Particulate graft material can be placed into the socket with a syringe or with a curette. Ensure that the material is evenly distributed throughout the socket. However, the particles should not be densely packed to preserve ample space for blood vessel ingrowth.

5. The Cytoplast™ high-density PTFE membrane is trimmed to extend 3-5 mm beyond the socket walls and then tucked subperiosteally under the palatal flap, the facial flap and underneath the interdental papilla with a curette. The membrane should rest on bone 360° around the socket margins, if possible. Note that minimal flap reflection is necessary to stabilize the membrane.

6. Ensure that there are no folds or wrinkles in the membrane and that it lies passively over the socket. To prevent bacterial leakage under the membrane, take care to avoid puncturing the membrane, and do not overlap two adjacent pieces of membrane material.

7. The membrane is further stabilized with a criss-cross Cytoplast™ PTFE suture. Alternatively, interrupted sutures may be placed. The PTFE sutures, which cause minimal inflammatory response, are left in place for 10 to 14 days.

8. The membrane is removed, non-surgically, in 21 to 28 days. Sockets with missing walls may benefit from the longer time frame. Topical anesthetic is applied, then the membrane is grasped with a tissue forcep and removed with a gentle tug.

9. Studies have shown that by 21-28 days there is a dense, vascular connective tissue matrix in the socket and early osteogenesis is observed in the apical 2/3 of the socket.

10. Immediately following membrane removal, a dense, highly vascular, osteoid matrix is observed. The natural position of the gingival margin has been left intact because primary closure was not necessary. The dense PTFE membrane has contained the graft material and prevented epithelial migration into the socket.

11. The socket at 6 weeks. Keratinized gingiva is beginning to form over the grafted socket. The natural soft tissue architecture is preserved, including the interdental papillae. New bone is beginning to form in the socket. Over the next 6 to 10 weeks, increasing thickness of trabeculae and mineralization will result in load bearing bone suitable for implant placement.

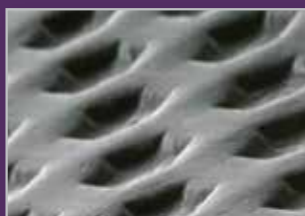
Cytoplast™ TXT-200 & TXT-200 Singles

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)



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

SOFT TISSUE ATTACHES, BUT DOESN'T GROW THROUGH THE MEMBRANE

Exposed membrane allows for non-surgical removal; no anesthesia required

HEXAGONAL DIMPLES INCREASE SURFACE AREA

Designed to increase membrane stabilization



Cytoplast™ Titanium-Reinforced

Titanium-reinforced, high-density PTFE membrane

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

ANL

12 mm x 24 mm

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

VERSATILE RECTANGULAR SHAPES

These configurations can be trimmed to fit a variety of defects.

Shown actual size.



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 (250 µm thick)	Ti-150 (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



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.

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

AS

14 mm x 24 mm

Ti250AS-N-1	Ti150AS-N-1	(1 per box)
Ti250AS-N-2	Ti150AS-N-2	(2 per box)

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

ATC

24 mm x 38 mm

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

*Designed for large extraction sites, including ridge
augmentation*



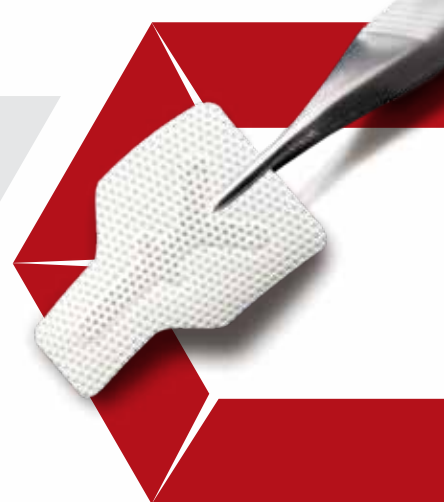
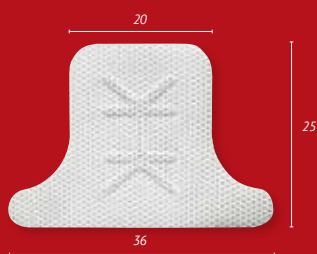
Cytoplast™ Titanium-Reinforced

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
(250 µm thick)

Ti-150
(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*



CIRCULAR MACROPORES

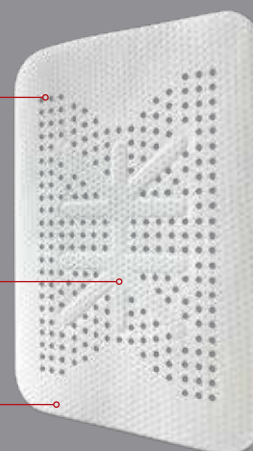
Allow direct contact between the bone graft and periosteum, allowing naturally occurring revascularization and infiltration of cells into the bone graft

TITANIUM FRAME

Maintains space essential for horizontal and vertical ridge augmentation

PTFE MESH

Easily conforms to tissue contours



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

BL

17 mm x 25 mm

| RPM200BL

(1 per box)

Designed for large buccal defects

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)

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

PLT

41 mm x 30 mm

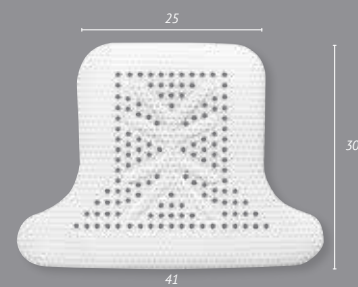
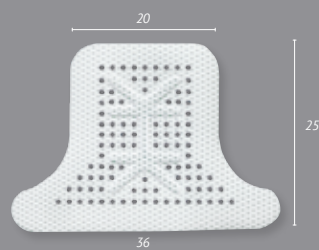
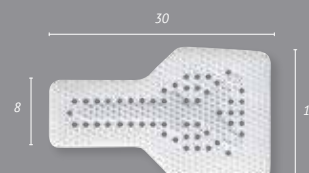
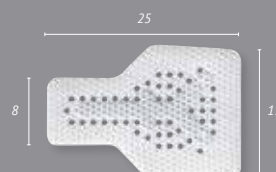
| RPM200PLT

(1 per box)

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

SHAPES WITH FIXATION POINTS

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

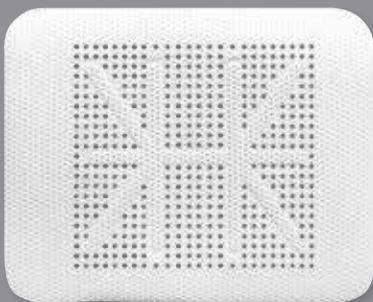


RPM™

Reinforced PTFE mesh

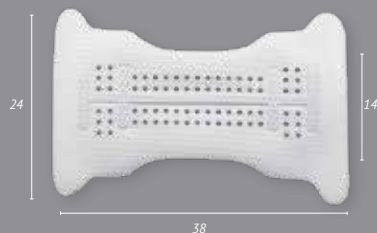
VERSATILE SHAPES

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



INTERPROXIMAL

This configuration is designed to fit between existing teeth.



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

| RPM200PL

(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

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

Cytoplast™ PTFE Suture

The soft monofilament suture

All Cytoplast™ Sutures are 12 per box
Available in 18" and 28" lengths

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



300 SERIES STAINLESS STEEL NEEDLES

All Cytoplast™ PTFE Sutures have 300 series stainless steel needles, the gold standard material for suture needles. Tests comparing the 300 series needles to previous needles show a substantial increase in needle strength, initial needle sharpness, and sustained needle sharpness. Tests show that they 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

CYTOPLAST™ NEEDLE CODE DETAIL

RC 3/8 CIRCLE REVERSE CUTTING



TP 1/2 CIRCLE ROUND-BODIED



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

Resorba® Glycolon™

Absorbable, Monofilament

Glycolon™ is Resorba's® top selling suture material worldwide and is comprised of polyglycolic 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

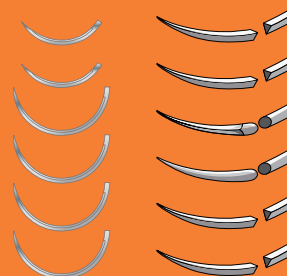
Violet	DSM 16 mm	3/0 USP	OD01204
Violet	DSM 18 mm	3/0 USP	OD01205
Violet	HRT 18 mm	4/0 USP	OD01101
Violet	DSM 16 mm	4/0 USP	OD01201
Violet	DSM 18 mm	4/0 USP	OD01203
Violet	DSM 13 mm black needle	5/0 USP	OD01210
Violet	DSM 16 mm black needle	5/0 USP	OD01211
Violet	DSM 18 mm black needle	5/0 USP	OD01212
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 SUTURE:

Violet	HRT 10 mm	6/0 USP	OD01102
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RESORBA™ NEEDLE CODE DETAIL

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



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.

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	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

MICRO SUTURE:

Blue	DSM 13 mm black needle	7/0 USP	OD13211
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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	DSM 18 mm	4/0 USP	OD12201
Undyed	DSM 16 mm	4/0 USP	OD12200
Undyed	HS 15 mm	4/0 USP	OD12700

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



Violet	HRT 18 mm	4/0 USP	OD03100
Violet	DSM 18 mm	4/0 USP	OD03202
Violet	HR 17 mm	5/0 USP	OD03500
Violet	DS 18 mm	5/0 USP	OD03400
Violet	DSM 13 mm	5/0 USP	OD03201
Violet	DSM 13 mm	6/0 USP	OD03200

MICRO SUTURE:

Violet	HRT 10 mm	5/0 USP	OD03103
Violet	HSM 10 mm	5/0 USP	OD03700
Violet	HSM 10 mm	6/0 USP	OD03701
Violet	DSM 11 mm	6/0 USP	OD03203
Violet	DSM 7 mm	7/0 USP	OD03206
Violet	DSM 11 mm	7/0 USP	OD03204

NEW

X-Gut™ Chromic Gut Suture

Maintains tensile strength for 14 – 21 days

All X-Gut™ Sutures are 12 per box
All needles are 3/8 Circle except where indicated

45 cm Chromic Gut	RC 19 mm	USP 3/0	GC301945
75 cm Chromic Gut	RC 19 mm	USP 3/0	GC301975
45 cm Chromic Gut	Precision RC 19 mm	USP 3/0	GC3019P45
75 cm Chromic Gut	Precision RC 19 mm	USP 3/0	GC3019P75
45 cm Chromic Gut	RC 19 mm	USP 4/0	GC401945
75 cm Chromic Gut	RC 19 mm	USP 4/0	GC401975
45 cm Chromic Gut	Precision RC 13 mm	USP 4/0	GC4013P45
45 cm Chromic Gut	Precision RC 19 mm	USP 4/0	GC4019P45
45 cm Chromic Gut	Precision RC 13 mm	USP 5/0	GC5013P45
45 cm Chromic Gut	RC 19 mm	USP 5/0	GC501945
45 cm Chromic Gut	Precision RC 16 mm	USP 5/0	GC5016P45



X-Gut™ Chromic Gut suture is an absorbable suture composed of purified connective tissue (mostly collagen) derived from the serosal layer of beef (bovine) intestines.

X-Gut™ Chromic Gut sutures maintain tensile strength for 14 – 21 days.

X-Gut™ Chromic Gut sutures have a high tensile strength compared to other gut sutures, minimizing the risk of tearing during suturing.

X-Gut™ Plain Gut Suture

Maintains tensile strength for about 10 days

NEW



X-Gut™ Plain Gut suture is an absorbable suture composed of purified connective tissue (mostly collagen) derived from the serosal layer of beef (bovine) intestines.

X-Gut™ Plain Gut sutures maintain tensile strength for about 10 days.

All X-Gut™ Sutures are 12 per box

All needles are 3/8 Circle except where indicated

45 cm Plain Gut	RC 19 mm	USP 3/0	GP301945
75 cm Plain Gut	RC 19 mm	USP 3/0	GP301975
45 cm Plain Gut	1/2 Circle RC 22 mm	USP 3/0	GP302245
75 cm Plain Gut	RC 24 mm	USP 3/0	GP302475
45 cm Plain Gut	RC 19 mm	USP 4/0	GP401945
75 cm Plain Gut	RC 19 mm	USP 4/0	GP401975

X-GUT™ CHROMIC & PLAIN NEEDLE CODE DETAIL

RC | PRECISION RC 3/8 CIRCLE REVERSE CUTTING

1/2 CIRCLE RC 1/2 CIRCLE 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.

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.

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



Individual Components

Stainless Steel Driver Handle

| PFDH

76 mm Cruciform Driver Blade

| PFDH

56 mm Cruciform Driver Blade

| PFDH56

24 mm Contra Angle Blade (10 mm exposed distal length)

| PFDHCA

1.2 mm diam. Latch Type Pilot Drill

| BI1001

Autoclavable Tecapro™ storage tray

| PFT



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)



actual size

1.5 mm x 5 mm

| PFMF5-5 (5 per box)

| PFMF5-10 (10 per box)

| PFMF5-20 (20 per box)

actual size

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 non-resorbable membranes in horizontal and vertical bone regeneration procedures.



Tenting Kit

| PFTK12

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-Drilling Tenting Screws

1.5 mm x 3 mm polished neck

+ 4 mm threaded portion = 7 mm total



actual size

| PFT3 (1 per box)

| PFT3-5 (5 per box)

1.5 mm x 4 mm polished neck

+ 4 mm threaded portion = 8 mm total

actual size

| PFT4 (1 per box)

| PFT4-5 (5 per box)

1.5 mm x 5 mm polished neck

+ 4 mm threaded portion = 9 mm total

actual size

| PFT5 (1 per box)

| PFT5-5 (5 per box)

Fully Threaded Self-Drilling Tenting Screws

1.5 mm x 8 mm



actual size

| PFT8 (1 per box)

1.5 mm x 10 mm

actual size

| PFT10 (1 per box)



Pro-Fix™ Bone Fixation

Precision Fixation System

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.

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.



Self-Tapping Bone Fixation Screws

1.5 mm x 8 mm

| PFB8 (1 per box)

| PFB8-5 (5 per box)



actual size

1.5 mm x 10 mm

| PFB10 (1 per box)

| PFB10-5 (5 per box)

actual size

1.5 mm x 12 mm

| PFB12 (1 per box)

| PFB12-5 (5 per box)

actual size

1.5 mm x 14 mm

| PFB14 (1 per box)

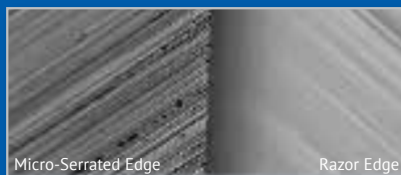
| PFB14-5 (5 per box)

actual size

"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.



15 Blade

- | 01SM15 Stainless Steel (100 per box)
- | 00SM15 Carbon Steel (100 per box)



15C Blade

- | 01SM15C Stainless Steel (100 per box)
- | 00SM15C Carbon Steel (100 per box)



12D Blade

- | 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



Master-Pin-Control (34) Pins

| BMP00

Master-Pin-Control Basic (10) Pins

| BMPBA

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 Screwdriver

Designed to make pin removal easier in hard to reach areas

| MP15 (1 per box)



Membrane Fixation Pin Holder

| MP12 (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)



This system is used for the fixation of membranes in order to avoid micro-mobility of the graft. Mini-threads on the pins make them a screw/pin hybrid, and the sharp tip allows precise placement into cortical bone. The threads increase the surface area of the shaft, resulting in pin stability, making removal possible with the included screwdriver.

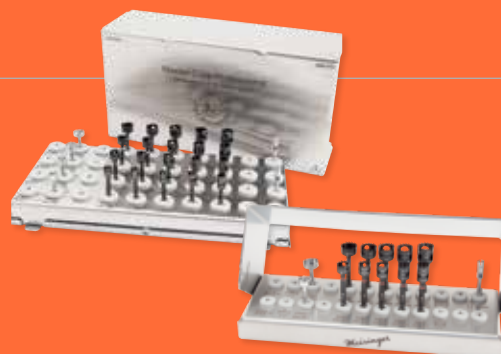


Master-Core Professional (20) Trephines

| BMCPR

Master-Core-Basic (10) Trephines

| BMCBA



Meisinger

The Micro Screw System is used for the minimally invasive and safe fixation of cortical bone grafts. The osteosynthesis screws, developed with Prof. Dr. Fouad Khoury, are made from a special surgical stainless steel and, with their diameters of 1.0 mm and 1.2 mm, they ensure that bone plates are fixed in a stable and secure manner. The Micro Screw System can be used for vertical, horizontal, and three-dimensional bone augmentation with different defect sizes.



Micro Screw System (24) Screws

| BMS00

Micro Screw System Basic (18) Screws

| BMSBA

Micro Screws

1 x 4 mm	MSS10-040	(3 per box)
1 x 6 mm	MSS10-060	(3 per box)
1 x 8 mm	MSS10-080	(3 per box)
1 x 10 mm	MSS10-100	(3 per box)
1.2 x 4 mm	MSS12-040	(3 per box)
1.2 x 6 mm	MSS12-060	(3 per box)
1.2 x 8 mm	MSS12-080	(3 per box)
1.2 x 10 mm	MSS12-100	(3 per box)

1 x 12 mm	MSS10-120	(3 per box)
1 x 14 mm	MSS10-140	(3 per box)
1.2 x 12 mm	MSS12-120	(3 per box)
1.2 x 14 mm	MSS12-140	(3 per box)



Dr. Fouad Khoury Trephine Ejection Kit

| BTE00

The Trephine Ejection Kit, developed with Prof. Dr. Fouad Khoury, offers efficiency, flexibility, and precision for the extraction of bone cylinders. The two-part internally cooled trephines allow for safe, minimally invasive extraction of local bone cylinders. The inner cooling helps prevent overheating damage to bone tissue, while the removable trephine working parts allow for an easy sampling of bone cylinders, which can be pushed out with the aid of the ejection needle or precision-fitted ejection instruments.



Master-Mill

| BKM00

NEW**Versah®****VT5° Series****Regular Densah® Burs**

VT1525	1.5 - 2.5 mm Densah® Bur G3
VT2535	2.5 - 3.5 mm Densah® Bur G3
VT3545	3.5 - 4.5 mm Densah® Bur G3
VT4555	4.5 - 5.5 mm Densah® Bur G3
VT5565	5.5 - 6.5 mm Densah® Bur G3

Short Densah® Burs

VT1525-S	1.5 - 2.5 mm Densah® Bur G3 33mm Length
VT2535-S	2.5 - 3.5 mm Densah® Bur G3 33mm Length
VT3545-S	3.5 - 4.5 mm Densah® Bur G3 33mm Length
VT4555-S	4.5 - 5.5 mm Densah® Bur G3 33mm Length

**VT8° Series****Regular Densah® Burs**

VT1828	1.8 - 2.8 mm Densah® Bur G3
VT2838	2.8 - 3.8 mm Densah® Bur G3
VT3848	3.8 - 4.8 mm Densah® Bur G3
VT4858	4.8 - 5.8 mm Densah® Bur G3
VT5868	5.8 - 6.8 mm Densah® Bur G3

Short Densah® Burs

VT1828-S	1.8 - 2.8 mm Densah® Bur G3 33mm Length
VT2838-S	2.8 - 3.8 mm Densah® Bur G3 33mm Length
VT3848-S	3.8 - 4.8 mm Densah® Bur G3 33mm Length
VT4858-S	4.8 - 5.8 mm Densah® Bur G3 33mm Length

**VS8° Series****Regular Densah® Burs**

VS2228	2.2 - 2.8 mm Densah® Bur G3
VS3238	3.2 - 3.8 mm Densah® Bur G3
VS4248	4.2 - 4.8 mm Densah® Bur G3
VS5258	5.2 - 5.8 mm Densah® Bur G3

**Densah® Bur Technology - Pilot Drills**

VPLTT	1.6 mm Tapered Pilot Drill G3
VPLTT-S	1.6 mm Tapered Pilot Drill G3 33 mm length

The Innovation That Makes Osseodensification Possible

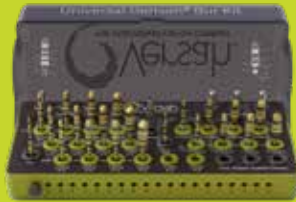
The Densah® Bur uses advanced, patented technology designed to preserve and densify bone. This technique, known as Osseodensification, autografts bone along the entire length of the osteotomy through a hydrodynamic process which can help surgeons facilitate multiple clinical procedures such as Sinus Lift, Ridge, and Molar Septum expansion.





Densah® Bur Technology - Accessories

VXTR	Versah® Extender
VPLP	Versah® Parallel Pin 1.5 mm - 3.5 mm
VPLP-XL	Versah® Parallel Pin 3.5 mm - 5.5 mm



Total Universal Densah® Bur Kit

| TUDBK

DLX Holder, Regular & Short Pilot Drills, Regular & Short Densah® Burs, (3) Parallel Pins, (3) XL Parallel Pins, Drill Extender



Universal Densah® Bur Kit X

| UDBKX

X Holder, Regular Pilot Drill, Regular Densah® Burs, (2) Parallel Pins, (2) XL Parallel Pins, Drill Extender



Universal Regular Densah® Bur Kit

| URDBK

DLX Holder, Regular Pilot Drill, Regular Densah® Burs, (3) Parallel Pins, (3) XL Parallel Pins, Drill Extender



Universal Short Densah® Bur Kit

| USDBK

DLX Holder, Short Pilot Drill, Short Densah® Burs, (3) Parallel Pins, (3) XL Parallel Pins, Drill Extender



Densah® Sinus Lift Kit

| DSLK

Sinus Kit Holder, Guided Pilot Drill, Guided Densah® Burs, Guided Short Densah® Burs, Large Vertical Stops® (3mm, 5mm, 8mm, 10mm, 11.5mm)

NEW

Versah®

VT5° Series - Guided

Guided Densah® Burs

- | VT1525-G 1.5 - 2.5 mm Guided Densah® Bur G4
- | VT2535-G 2.5 - 3.5 mm Guided Densah® Bur G4
- | VT3545-G 3.5 - 4.5 mm Guided Densah® Bur G4
- | VT4555-G 4.5 - 5.5 mm Guided Densah® Bur G4



Guided Short Densah® Burs

- | VT1525-GS 1.5 - 2.5 mm Guided Densah® Bur G4 35 mm Length
- | VT2535-GS 2.5 - 3.5 mm Guided Densah® Bur G4 35 mm Length
- | VT3545-GS 3.5 - 4.5 mm Guided Densah® Bur G4 35 mm Length
- | VT4555-GS 4.5 - 5.5 mm Guided Densah® Bur G4 35 mm Length



VT8° Series - Guided

Guided Densah® Burs

- | VT1828-G 1.8 - 2.8 mm Densah® Bur G4
- | VT2838-G 2.8 - 3.8 mm Densah® Bur G4
- | VT3848-G 3.8 - 4.8 mm Densah® Bur G4
- | VT4858-G 4.8 - 5.8 mm Densah® Bur G4



Guided Short Densah® Burs

- | VT1828-GS 1.8 - 2.8 mm Densah® Bur G4 35 mm Length
- | VT2838-GS 2.8 - 3.8 mm Densah® Bur G4 35 mm Length
- | VT3848-GS 3.8 - 4.8 mm Densah® Bur G4 35 mm Length
- | VT4858-GS 4.8 - 5.8 mm Densah® Bur G4 35 mm Length



VS8° Series - Guided

Guided Densah® Burs

- | VS2228-G 2.2 - 2.8 mm Densah® Bur G4
- | VS3238-G 3.2 - 3.8 mm Densah® Bur G4
- | VS4248-G 4.2 - 4.8 mm Densah® Bur G4
- | VS5258-G 5.2 - 5.8 mm Densah® Bur G4



Guided Densah® Bur Technology - Pilot Drills

- | VPLTT-G 1.6 mm Tapered Pilot Drill G4
- | VPLTT-GS 1.6 mm Short Guided Tapered Pilot Drill

Small Vertical Key

- | VTSP-S-O-3 3 mm Drilling Depth
- | VTSP-S-O-5 5 mm Drilling Depth
- | VTSP-S-O-8 8 mm Drilling Depth
- | VTSP-S-O-10 10 mm Drilling Depth
- | VTSP-S-O-11.5 11.5 mm Drilling Depth
- | VTSP-S-O-13 13 mm Drilling Depth
- | VTSP-S-O-15 15 mm Drilling Depth



Medium Vertical Key

- | VTSP-M-O-3 3 mm Drilling Depth
- | VTSP-M-O-5 5 mm Drilling Depth
- | VTSP-M-O-8 8 mm Drilling Depth
- | VTSP-M-O-10 10 mm Drilling Depth
- | VTSP-M-O-11.5 11.5 mm Drilling Depth
- | VTSP-M-O-13 13 mm Drilling Depth
- | VTSP-M-O-15 15 mm Drilling Depth



Large Vertical Key

- | VTSP-L-O-3 3 mm Drilling Depth
- | VTSP-L-O-5 5 mm Drilling Depth
- | VTSP-L-O-8 8 mm Drilling Depth
- | VTSP-L-O-10 10 mm Drilling Depth
- | VTSP-L-O-11.5 11.5 mm Drilling Depth
- | VTSP-L-O-13 13 mm Drilling Depth
- | VTSP-L-O-15 15 mm Drilling Depth



Extra-Large Vertical Key

- | VTSP-XL-O-3 3 mm Drilling Depth
- | VTSP-XL-O-5 5 mm Drilling Depth
- | VTSP-XL-O-8 8 mm Drilling Depth
- | VTSP-XL-O-10 10 mm Drilling Depth
- | VTSP-XL-O-11.5 11.5 mm Drilling Depth
- | VTSP-XL-O-13 13 mm Drilling Depth
- | VTSP-XL-O-15 15 mm Drilling Depth



C-Guides

- | VCG-S Small, Up to 3.25 mm Implant
- | VCG-M Medium, Up to 4.3 mm Implant
- | VCG-L Large, Up to 5.3 mm Implant
- | VCG-XL XL, Up to 6.2 mm Implant





Universal Guided Surgery Densah® Bur Kit

| UGSDBK

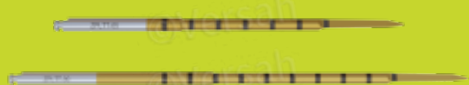
G-Stop® Holder, Guided Pilot Drill, Guided Short Pilot Drill,
Guided Densah® Burs, Guided Short Densah® Burs, (3) Parallel Pins,
(3) XL Parallel Pins, Drill Extender, Vertical G-Stops® depths: 3mm,
5mm, 8mm, 10mm, 11.5mm, 13mm, 15mm (S, M, L, XL)



Universal ZGO™ Densah® Bur Kit

| UZDBK

ZGO™ Holder, ZGO™ Tapered Pilot Drills (65 mm & 90 mm),
ZGO™ Densah® Burs (8)



ZGO™ Densah® Bur Technology - Pilot Drills

ZPLTT-65	Zygoma Tapered Pilot Drill 65 mm
ZPLTT-90	Zygoma Tapered Pilot Drill 90 mm

ZGO™ Densah® Burs

ZGO™ Densah® Burs 65 mm

ZT1525-65	1.5 - 2.5 mm ZGO™ Densah® Bur 65mm Length
ZT2030-65	2.0 - 3.0 mm ZGO™ Densah® Bur 65mm Length
ZT2535-65	2.5 - 3.5 mm ZGO™ Densah® Bur 65mm Length
ZT3040-65	3.0 - 4.0 mm ZGO™ Densah® Bur 65mm Length

ZGO™ Densah® Burs 90 mm

ZT1525-90	1.5 - 2.5 mm ZGO™ Densah® Bur 90mm Length
ZT2030-90	2.0 - 3.0 mm ZGO™ Densah® Bur 90mm Length
ZT2535-90	2.5 - 3.5 mm ZGO™ Densah® Bur 90mm Length
ZT3040-90	3.0 - 4.0 mm ZGO™ Densah® Bur 90mm Length



NEW

Micross & Micross Curve

Minimally invasive cortical bone collectors

not actual size



Hold up to 0.25 cc at a time

Micross | 4049 (1 sterile scraper per package)

Micross Curve | 5489 (1 sterile scraper per package)

APPLICATIONS

- Extraction defects
- Periodontal defects
- Sinus lift procedures

HARVESTING SITES

- Oblique external line with tunnel
- 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.



The Micross Curve's ergonomical 27° design allows the user to easily reach retromandibular, palatal, and other challenging areas.

Smartscraper

Cortical bone collector and syringe in one

not actual size



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
- Sinus window
- Lingual bone
- Zygomatic area
- 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

HARVESTING SITES

- Oblique external line with tunnel
- Ramus
- Mandibular symphysis
- Sinus window
- Lingual bone
- Zygomatic area
- Nasal spine
- Palate
- Small areas near the defect

Safescraper® Twist - Curve Volumizer

Versatile cortical bone collector

Double grooves on the blade allow for three collecting surfaces.



The Volumizer offers the same performance while collecting a larger volume of autologous cortical bone.

not actual size



Holds up to 2.5 cc at a time

| 5501 (3 sterile scrapers per package)

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