



نيواسلر للخدمات الطبية  
New Osler For Medical Services



OSTEOGENICS

REGENERATION  
PRODUCTS CATALOG

25  
OSTEOGENICS







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### 31 SELECTION OF APPLICABLE REFERENCES

- *New Items Available*

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

Zcore™

Xenograft Particulate



Zcore™ is an osteoconductive, porous, anorganic bone mineral with a carbonate apatite structure.

### INTERCONNECTING PORES

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

### %88 TO %95 VOID SPACE

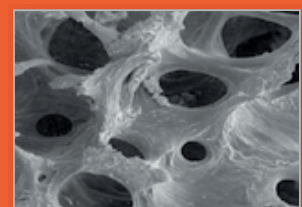
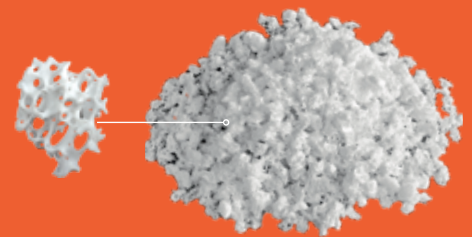
%88 to %95 Void Space: hyper-porosity of porcine cancellous matrix and intra-particle space facilitated by rough particle morphology reduce bulk density of the graft, allowing greater empty space for new bone growth\*

### PROCESSED USING MINIMAL HEAT

Heat treated to an optimal temperature that ensures a degree of crystallinity<sup>1</sup> consistent with native bone mineral to allow for remodeling of the healing bone

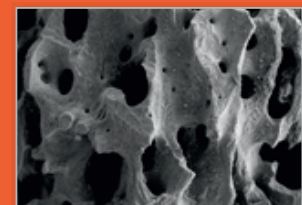
\*0.25 mm - 1.0 mm particle size = %88 void space, 1.0 mm - 2.0 mm = %95 void space

1. Li ST, Chen HC, Yuen D. Isolation and Characterization of a Porous Carbonate Apatite From Cancellous Bone. *Science, Technology, Innovation*, Aug. 13-1 :2014.



SEM of Processed Human Bone

Magnification x50



SEM of Zcore™ Xenograft Particulate

Magnification x50

# Zcore™

Xenograft Particulate

## Zcore™ 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™ 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

**NEW**

# Zcore™ Form

Moldable Collagen-Enriched 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)



## **%80 ZCORE™ XENOGRAFT PARTICULATE %20 TYPE I COLLAGEN**

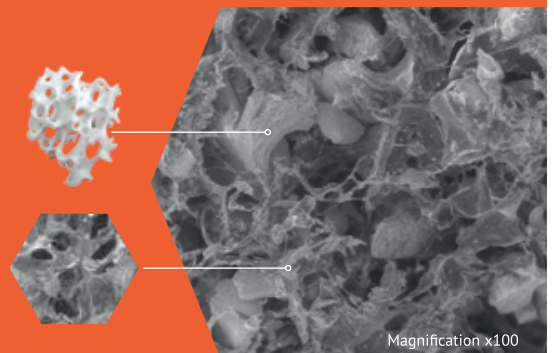
A composite of osteoconductive bone mineral and collagen, Zcore™ Form is composed of %80 xenograft particulate and %20 collagen by volume (%90 xenograft and %10 collagen by weight). The moldable consistency allows it to take the shape of the defect while also making the overall handling of the product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



*Zcore™ 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.*



# Zcore™ Expand

Expandable Collagen-Enriched 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 void space in a socket or sinus defect.*



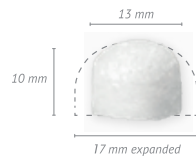
shown actual size



## Socket

**5 mm x 17 mm**  
10 mm x 17 mm EXPANDED

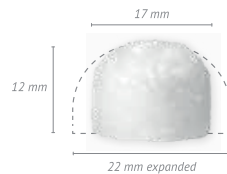
| ZXSOCKET (1 per box)



## Small Sinus

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

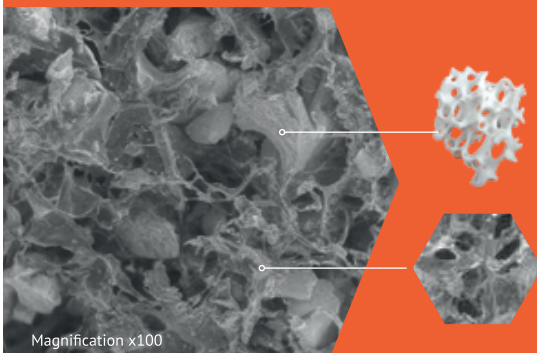
| ZXSINUSS (1 per box)



## Large Sinus

**17 mm diam. x 12 mm**  
22 mm x 12 mm EXPANDED

| ZXSINUSL (1 per box)



Magnification x100

## **%65 ZCORE™ XENOGRAFT PARTICULATE %35 TYPE I EXPANDABLE COLLAGEN**

A composite of osteoconductive bone mineral and expandable collagen, Zcore™ Expand is composed of %65 xenograft particulate and %35 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*

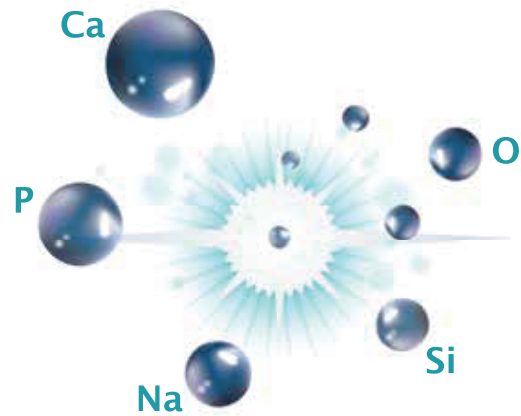


## UNIQUE FORMULATION OF NOVABONE® DENTAL PUTTY

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 (125-32 µm) are more rapidly resorbed, providing the initial burst of Ca and P ions. Subsequently, the larger particles (710-90 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

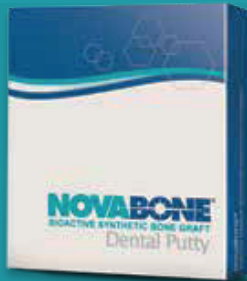
NovaBone® Putty is available in multiple delivery options: trays, pre-filled syringes, and a unique industry-first cartridge delivery system. NovaBone® is the only graft material in the world that is available in disposable uni-dose cartridges. The cartridges simplify dispensing of the graft, especially in hard-to-reach areas, thus facilitating 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

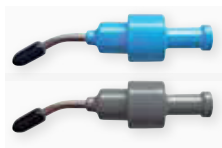
The synthetic solution to bone regeneration



“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® 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 18-12 month period. The morsels have an “osteostimulative” effect similar to NovaBone® Dental Putty.*



## 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)



not actual size

## NovaBone® Morsels in Trays

1.3 cc	EU0820	(2 per box)
4.0 cc	EU0822	(2 per box)

# 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

## 38 – 26 WEEK RESORPTION TIME

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

## HIGH TENSILE STRENGTH

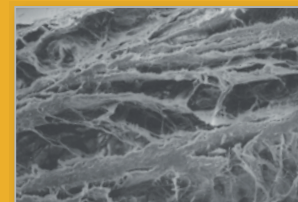
You can suture or tack the membrane in place without tearing

## 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

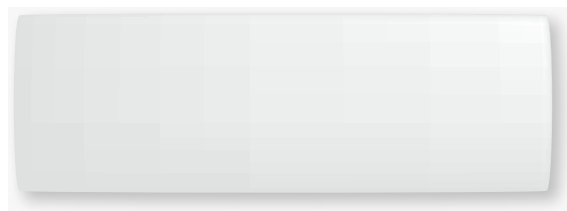
| RTMPLUG10 (10 per box)



## RTMFoam

2 cm x 4 cm (3 mm thick)

| RTMFOAM10 (10 per box)



## RTMTape

2.5 cm x 7.5 cm (1 mm thick)

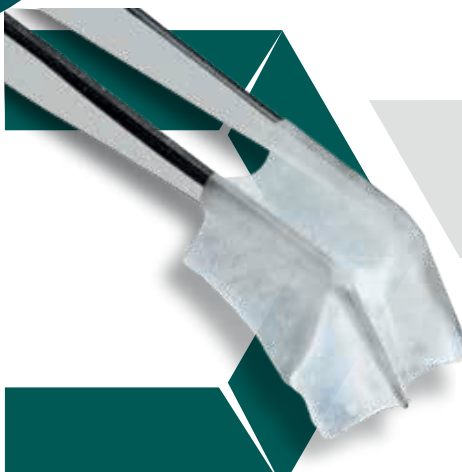
| RTMTAPE10 (10 per box)



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



Vitala®

pericardium collagen membrane | Substantially resorbed in 26 weeks

10 mm x 10 mm

| VIT1010 (1 per box)

15 mm x 20 mm

| VIT1520 (1 per box)

13 mm x 25 mm

| VIT1325 (1 per box)

20 mm x 30 mm

| VIT2030 (1 per box)

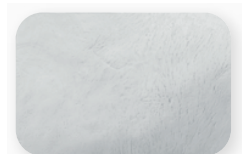
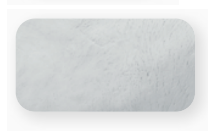
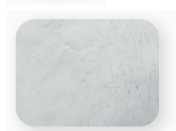
30 mm x 40 mm

| VIT3040 (1 per box)

shown actual size

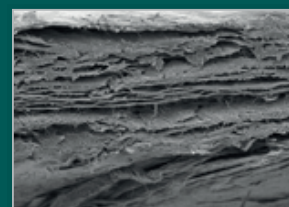


vitala mini



"I have used Vitala™ membranes for larger GBR procedures and I really like the *ease of use, the drapeability/ no memory structure*, but still has the strength to allow tacking the membrane without tearing. Thus far, the regenerative results have been very promising."

Samir Shah, DMD  
Periodontist



1000x magnification



Excellent tensile strength



Supple and flexible

### NATURAL

Manufactured using a proprietary protocol designed to maintain the natural, microporous, -3layered architecture of the tissue without the need for cross-linking chemicals and agents

### DURABLE

Designed to resist tearing during placement, Vitala® is naturally strong

### ADAPTABLE

The natural collagen structure provides a unique combination of supple handling and ideal defect adaptability. Because both sides are smooth, either side may be placed against the defect

# Zmatrix™

peritoneum collagen membrane | Substantially resorbed in 26 weeks



“I have used many easy-to-adapt materials. The Zmatrix™ works well in about any procedure where this type of barrier would be appropriate. It has *superior handling characteristics* and stays in place once adapted.”

*Joseph Marchi, DMD  
Periodontist*

*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)

**20 mm x 30 mm**

| ZM2030 (1 per box)

**30 mm x 40 mm**

| ZM3040 (1 per box)

## NATURAL, NATIVE COLLAGEN MEMBRANE

Zmatrix™ is a natural, native collagen membrane; cross-linking chemicals and agents are unnecessary. Proprietary processing technology allows preservation of collagen as well as extracellular components including laminin, fibronectin, elastin, and glycosaminoglycans.\*

## EASY TO HANDLE

Designed to drape without adhering to itself

## ELASTIC

Natural peritoneum collagen structure allows for elasticity

\*Hoganson DM, Owens GE, O'Doherty EM, Bowley CM, Goldman SM, Harilal DO, Neville CM, Kronengold RT, Vacanti JP. Preserved extracellular matrix components and retained biological activity in decellularized porcine mesothelium. *Biomaterials*. 6940-6934 :27, 2010.

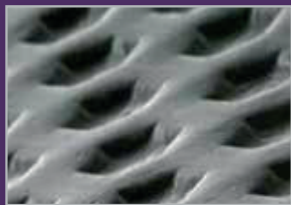
# Cytoplast™ TXT200- & TXT200- Singles

Micro-textured, high-density PTFE membrane



"I always know, *in advance*, the results of my bone grafting when I use Cytoplast™ TXT200- 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**



## TXT200- Singles

12 mm x 24 mm

| TXT1-1224 (1 per box)

| TXT1224 (10 per box)



## TXT200-

25 mm x 30 mm

| TXT1-2530 (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

## Ridge Preservation Kit: Cytoplast™ Technique

| KITRPCT

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

(1) Cytoplast™ TXT200- Single

(1) Cytoplast™ PTFE Suture USP 16 ;0/3 mm RC needle

# Cytoplast™ Titanium-Reinforced

Titanium-reinforced, high-density PTFE membrane

**Ti250-**  
(250 µm thick)

**Ti150-**  
(150 µm thick)

## ANL

12 mm x 24 mm

| Ti250ANL1- | Ti150ANL1- (1 per box)

| Ti250ANL2- | Ti150ANL2- (2 per box)

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

## ANL30

12 mm x 30 mm

| Ti250ANL1-30 | (1 per box)

| Ti250ANL2-30 | (2 per box)

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

## PS

20 mm x 25 mm

| Ti250PS1- | Ti150PS1- (1 per box)

| Ti250PS2- | Ti150PS2- (2 per box)

*Designed for large extraction sites and limited ridge augmentation*

## PL

25 mm x 30 mm

| Ti250PL1- | Ti150PL1- (1 per box)

| Ti250PL2- | Ti150PL2- (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.



\*Ti150- membranes are %40 thinner than Ti250- membranes, providing clinicians another handling option in Cytoplast™ Titanium-Reinforced Membranes.

**Ti250-**  
(250 µm thick)

**Ti150-**  
(150 µm thick)

## XL

30 mm x 40 mm

Ti250XL1-	Ti150XL1-	(1 per box)
Ti250XL2-	Ti150XL2-	(2 per box)

Designed for very large bony defects, including ridge augmentation

## XLK

30 mm x 40 mm

Ti250XLK1-	Ti150XLK1-	(1 per box)
Ti250XLK2-	Ti150XLK2-	(2 per box)

Designed for very large bony defects, including ridge augmentation

## K2

40 mm x 50 mm

Ti250K1-2	Ti150K1-2	(1 per box)
Ti250K2-2	Ti150K2-2	(2 per box)

Designed for the largest bony defects, including ridge augmentation



# Cytoplast™ Titanium-Reinforced

Titanium-reinforced, high-density PTFE membrane



**Ti250-**  
(250 µm thick)

**Ti150-**  
(150 µm thick)

## AS

14 mm x 24 mm

Ti250AS1-	Ti150AS1-	(1 per box)
Ti250AS2-	Ti150AS2-	(2 per box)

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

## ATC

24 mm x 38 mm

Ti250ATC1-	Ti150ATC1-	(1 per box)
Ti250ATC2-	Ti150ATC2-	(2 per box)

*Designed for large extraction sites, including ridge augmentation*

## PTC

38 mm x 38 mm

Ti250PTC1-	Ti150PTC1-	(1 per box)
Ti250PTC2-	Ti150PTC2-	(2 per box)

*Designed for large bony defects, including ridge augmentation*

## PD

38 mm x 38 mm

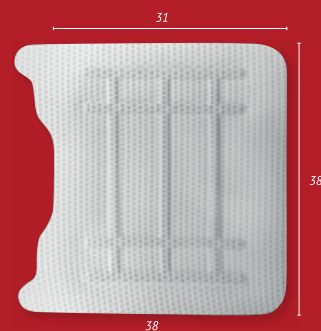
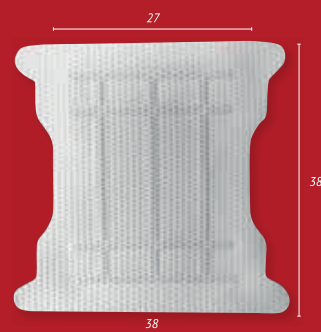
Ti250PD1-	Ti150PD1-	(1 per box)
Ti250PD2-	Ti150PD2-	(2 per box)

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

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

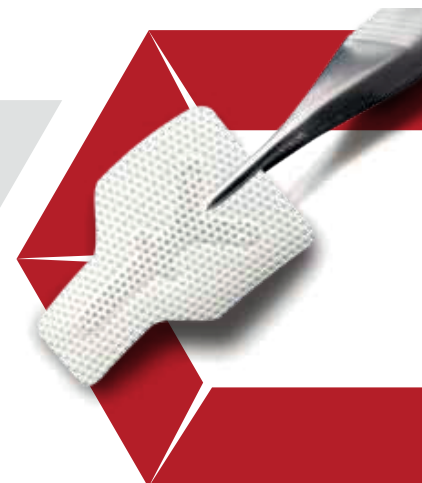
### INTERPROXIMAL SHAPES

These configurations are designed to fit between existing teeth.



# Cytoplast™ Titanium-Reinforced

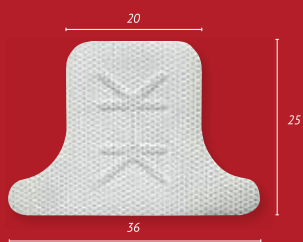
Titanium-reinforced, high-density PTFE membrane



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.



<b>Ti250-</b> (250 µm thick)	<b>Ti150-</b> (150 µm thick)
---------------------------------	---------------------------------

## BL

17 mm x 25 mm

Ti250BL1-	Ti150BL1-	(1 per box)
Ti250BL2-	Ti150BL2-	(2 per box)

Designed for large buccal defects

## BLL

17 mm x 30 mm

Ti250BLL1-	Ti150BLL1-	(1 per box)
Ti250BLL2-	Ti150BLL2-	(2 per box)

Designed for large buccal defects

## PST

36 mm x 25 mm

Ti250PST1-	Ti150PST1-	(1 per box)
Ti250PST2-	Ti150PST2-	(2 per box)

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

## PLT

41 mm x 30 mm

Ti250PLT1-	Ti150PLT1-	(1 per box)
Ti250PLT2-	Ti150PLT2-	(2 per box)

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

RPM™

Reinforced PTFE mesh



### CIRCULAR MACROPORES

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

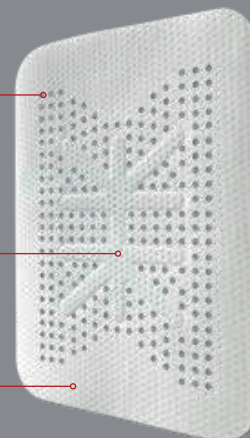
### TITANIUM FRAME

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*



### 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*

### XLKM (mandible)

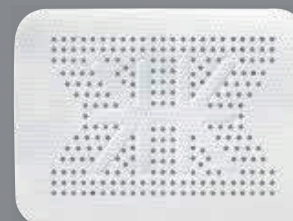
30 mm x 40 mm

| RPM200XLKM (1 per box)

*Designed for very large bony defects, including mandibular ridge augmentation NOTE: Non-perforated region is designed for lingual aspect*

### VERSATILE RECTANGULAR SHAPES

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



# RPM™

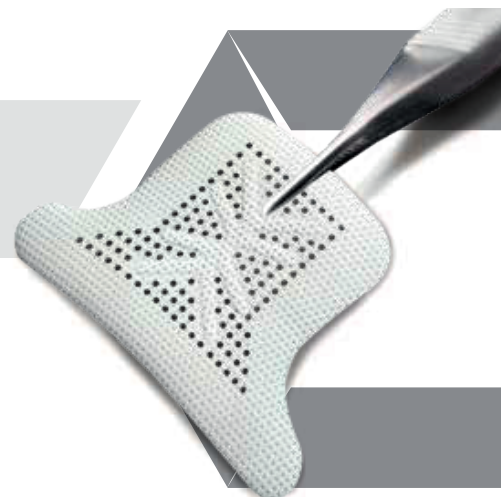
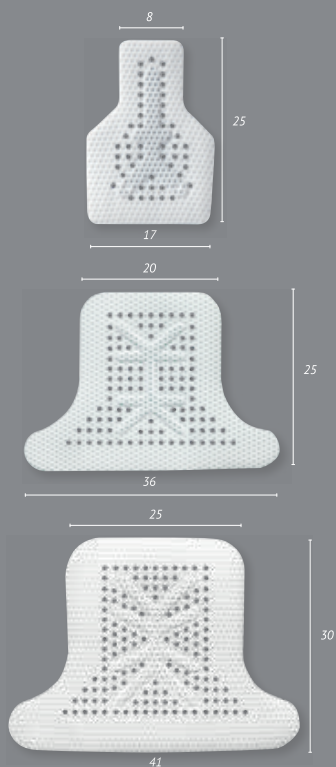
Reinforced PTFE mesh

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.



## 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*

## BL

17 mm x 25 mm

| RPM200BL (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*

RPM™

Reinforced PTFE mesh



### 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

| RPM200PTC

(1 per box)

*Designed for large bony defects, including ridge augmentation*

### PTCM (mandible)

38 mm x 38 mm

| RPM200PTCM

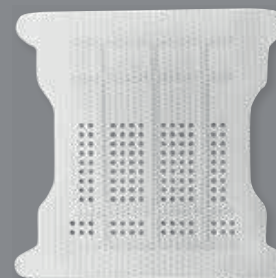
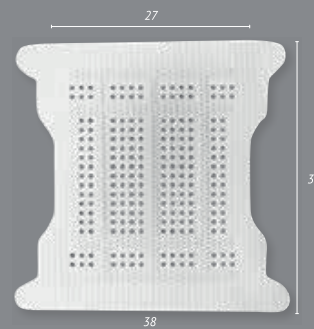
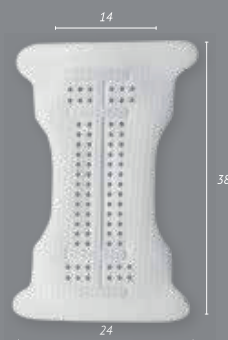
(1 per box)

*Designed for large bony defects, including mandibular ridge augmentation NOTE: Non-perforated region is designed for lingual aspect*

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.



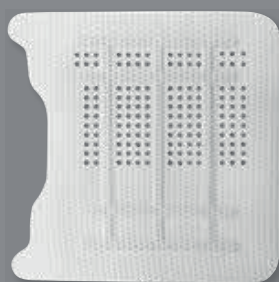
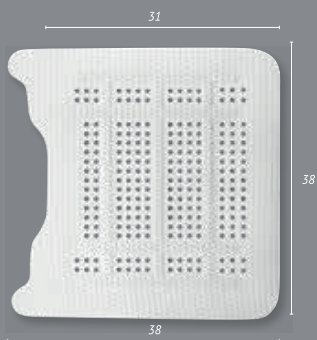
# RPM™

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

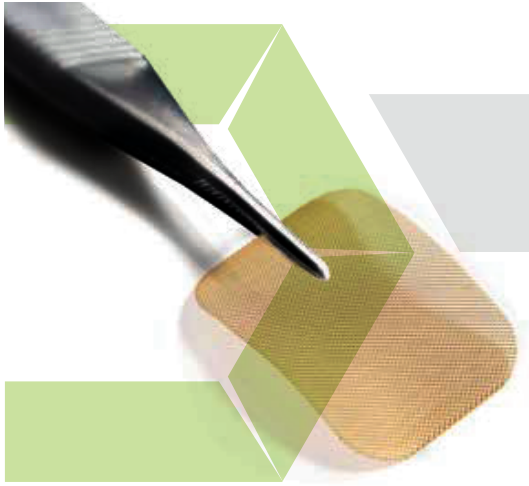
| RPM200PDML

(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*

# Osteo-Mesh™ TM300-

Titanium nitride-coated mesh



shown actual size

**25 mm x 34 mm**

(provided non-sterile)

| TM2534 (1 per box)



**45 mm x 45 mm**

(provided non-sterile)

| TM4545 (1 per box)



## 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
- High coating density with no pores to hold contaminants
- Will not stain or corrode
- Withstands acids, bases, solvents, and high temperatures
- 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.*

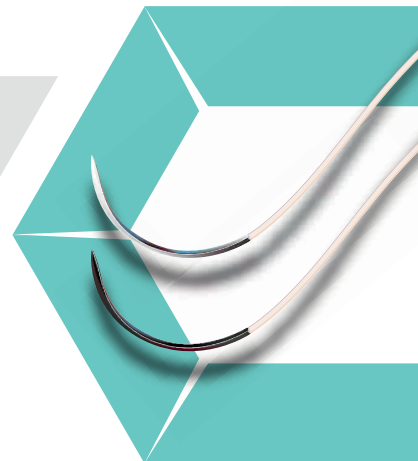
# Cytoplast™ PTFE Suture

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

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

## NEEDLE CODE DETAIL

**RC** 8/3 CIRCLE REVERSE CUTTING



**TP** 2/1 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



# 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



## Self-Drilling Membrane Fixation Screws

1.5 mm x 3 mm

| PFMF5- (5 per box)

| PFMF10- (10 per box)

| PFMF20- (20 per box)



actual size

## 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

| PFPD

Autoclavable Tecapro™ storage tray

| PFT



# 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



- | PFT3 (1 per box)
- | PFT5-3 (5 per box)



1.5 mm x 4 mm polished neck  
+ 4 mm threaded portion = 8 mm total

- | PFT4 (1 per box)
- | PFT5-4 (5 per box)



1.5 mm x 5 mm polished neck  
+ 4 mm threaded portion = 9 mm total

- | PFT5 (1 per box)
- | PFT5-5 (5 per box)



## Fully Threaded Self-Drilling Tenting Screws

1.5 mm x 8 mm



- | PFT8 (1 per box)



1.5 mm x 10 mm

- | PFT10 (1 per box)

# 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

| PFBK12

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

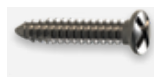
*For individual Pro-Fix™ driver and container components, see page 32.*

## Self-Tapping Bone Fixation Screws

### 1.5 mm x 8 mm

| PFB8 (1 per box)

| PFB5-8 (5 per box)



actual size

### 1.5 mm x 10 mm

| PFB10 (1 per box)

| PFB5-10 (5 per box)

actual size

### 1.5 mm x 12 mm

| PFB12 (1 per box)

| PFB5-12 (5 per box)

actual size

### 1.5 mm x 14 mm

| PFB14 (1 per box)

| PFB5-14 (5 per box)

actual size

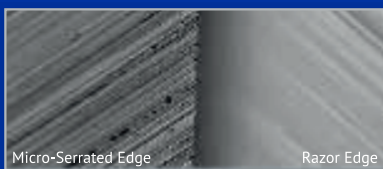
# Swann-Morton®

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 micro-surgical 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

## 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

- 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.*

## 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 Version

Versatile cortical bone collector

“This unit *works really well* and has *nice contours* to use in difficult harvesting sites.”

Tom Faerber, DMD  
Oral and Maxillofacial Surgeon

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

## ERGONOMIC DESIGN

Cortical bone harvesting is easily achieved from intraoral sites with a minimally invasive approach

## 2.5 CC COLLECTION CHAMBER

Large amounts of bone may be collected at once

## BONE IS COLLECTED WITH COAGULATED BLOOD

Graft has high biological plasticity, making it easy to handle and mold

## SUPERIOR HARVESTING METHOD

The manual harvesting technique allows graft to retain cell viability that can be compromised with other harvesting techniques that mill, grind, or potentially overheat bone

## SAFE

The disposable scraper is sterile and allows clinicians to harvest autogenous bone, which eliminates any chance of disease transmission

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