BioHorizons commitment to science, innovation and service has helped us become one of the fastest growing companies in the dental industry.

**highest quality standards**

BioHorizons partners with national tissue banks who take extraordinary measures to ensure the recovery and processing of all tissue meets or exceeds the guidelines set forth by the AATB and FDA.

**clinically proven**

BioHorizons is committed to developing evidence-based and scientifically proven products. With over 245 publications, our comprehensive biologics product portfolio has proven results for a wide range of soft and hard tissue applications.

**novel solutions**

BioHorizons has a history of identifying and developing game-changing products to enhance practices’ clinical outcomes. This commitment started in 2000 when BioHorizons introduced AlloDerm™, the first soft tissue augmentation product in the dental industry.

**partner for success**

BioHorizons understands the importance of providing excellent service. Our global network of professional representatives and our highly trained customer care support team are well equipped to meet the needs of patients and clinicians.
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BONE GRAFTING OPTIONS

MinerOss® family of allografts

MinerOss® Blend
In 2004, BioHorizons pioneered the combination of mineralized cortical and cancellous chips with an optimal size range. Today, MinerOss® Blend is the most popular allograft blend in the U.S. market. MinerOss® Blend forms an osteoconductive scaffold for volume enhancement and effective site development to place dental implants.

MinerOss® Putty
MinerOss® Putty is 100% allograft materials offering a proprietary combination of demineralized cortical fibers with mineralized cortical & cancellous chips. MinerOss® Putty is engineered for enhanced regenerative capacity compared to particulate DBM.

ordering information

<table>
<thead>
<tr>
<th>MinerOss® Blend (Particle size range: 600μm -1250μm)</th>
<th>MinerOss® Putty (100% pure allograft)</th>
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</thead>
<tbody>
<tr>
<td>MIN-CC0.5 0.5cc Jar</td>
<td>MIN-PT0.5 0.5cc Syringe</td>
</tr>
<tr>
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<td>MIN-PT1.0 1.0cc Syringe</td>
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<td>MIN-CC2.5 2.5cc Jar</td>
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<td></td>
<td>MIN-PT5.0 5.0cc Syringe</td>
</tr>
</tbody>
</table>

applications include

• extraction site grafting
• periodontal defects
• lateral and vertical ridge augmentation
• sinus grafting
• peri-implant defects
• composite grafting with Grafton® DBM

applications include

• ridge and sinus augmentation
• peri-implant defects
• extraction socket grafting
• periodontal defects
MinerOss® Cancellous
MinerOss® Cancellous is a mineralized allograft cancellous bone particle. The osteoconductive properties along with the fast remodeling time allow for rapid revascularization and predictable results. MinerOss® Cancellous provides ideal handling characteristics for regeneration procedures of all sizes.

MinerOss® Cortical
The strength of a cortical allograft is ideal in procedures where structural integrity and long lasting stability is needed for proper regeneration. MinerOss® Cortical is available in 300-1000 microns to allow for easy handling and fast hydration.

MinerOss® family of allografts

applications include
• ridge and sinus augmentation
• socket grafting
• periodontal defects
• grafting for implant placement

"MinerOss® Cancellous is an outstanding choice for particulate grafting. Its exceptional handling and predictable results have proven to be an asset in my practice."
Dr. Bach Le, DDS, MD, FICD, FACD

ordering information

<table>
<thead>
<tr>
<th>MinerOss® Cancellous (Particle size range: 300μm - 1000μm)</th>
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<td>MIN-COR2.5 2.5cc Jar</td>
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</tbody>
</table>

MinerOss® Cancellous case images courtesy of Dr. Bach Le
BONE GRAFTING OPTIONS

MinerOss® Block Allograft
MinerOss® Block Allograft is pre-hydrated and ready for immediate implantation using Aqueous Solution Preservation (ASP). MinerOss® Block Allograft restores bone volume and provides an alternative to harvesting an autogenous block graft from the patient therefore eliminating the need for a second surgical procedure.

applications include¹
• bone remodeling
• block grafting procedures
• bony defects

ordering information

<table>
<thead>
<tr>
<th>Product</th>
<th>Size</th>
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<tr>
<td>MO-BLH15</td>
<td>15mm x 10mm x 15mm</td>
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</tbody>
</table>

Grafton® DBM
Grafton® DBM incorporates potent DBF (demineralized bone fibers) technology to ensure superior osteoconductivity. With more than 20 years of clinical history, Grafton DBM gives you the ability to preserve bone height and width.² Proven in published, peer reviewed clinical studies, Grafton DBM in multiple forms gives clinicians options for bone grafting applications.³

• indicated as a bone void filler, bone graft extender, and bone graft substitute⁴
• available in multiple forms to give the desired handling characteristics for multiple clinical indications

ordering information

<table>
<thead>
<tr>
<th>Product</th>
<th>Size</th>
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</thead>
<tbody>
<tr>
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<td>8mm x 8mm x 10mm Plugs</td>
</tr>
<tr>
<td>Grafton® DBM Putty in a Syringe (Network of DBM fibers)</td>
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</tr>
<tr>
<td>Grafton® DBM Putty in a Jar (Network of DBM fibers)</td>
<td>0.5cc Jar</td>
</tr>
<tr>
<td>Grafton® DBM Flex Sheet (Pressed DBM fibers)</td>
<td>1.0cc Jar</td>
</tr>
<tr>
<td>Grafton® DBM Flex Sheet (Pressed DBM fibers)</td>
<td>2.5cc Jar</td>
</tr>
<tr>
<td>Grafton® DBM Flex Sheet (Pressed DBM fibers)</td>
<td>1.5cm x 1.5cm Sheet</td>
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</table>

MinerOss® family of allografts

MinerOss® Block Allograft applications include¹
• bone remodeling
• block grafting procedures
• bony defects

ordering information

<table>
<thead>
<tr>
<th>Product</th>
<th>Size</th>
</tr>
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<tbody>
<tr>
<td>MO-BLH10</td>
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</tr>
<tr>
<td>MO-BLH15</td>
<td>15mm x 10mm x 15mm</td>
</tr>
</tbody>
</table>

Grafton® DBM applications include¹
• extraction socket grafting
• ridge and sinus augmentation
• bone augmentation around implants
• bony defects
• composite grafting with MinerOss®
• filling of periodontal defects
BONE GRAFTING OPTIONS

MinerOss® X
Available in a variety of options, MinerOss® X is an anorganic bovine bone mineral matrix that is physically and chemically comparable to the mineral structure of human bone. The MinerOss® X family of xenografts† can be used in a wide variety of grafting applications.

applications include¹
- ridge and sinus augmentation
- extraction socket grafting
- infrabony periodontal defects
- grafting for implant placement

MinerOss® X Particulate
MinerOss® X Particulate is available in either cancellous or cortical form. The complex trabecular architecture and natural consistency allow for ideal bone formation at the defect site.

MinerOss® X Collagen
MinerOss® X Collagen is a combination of 95% anorganic cancellous bovine bone mineral and approximately 5% highly purified Type I collagen. This block form allows for convenience during placement and is an ideal solution for many applications.

MinerOss® X Syringe
MinerOss® X Syringe is cancellous particulate pre-loaded into a delivery syringe to assist with optimal placement at the defect site.

MinerOss® family of xenografts

<table>
<thead>
<tr>
<th>MinerOss® X Cancellous (Particle size ranges from 250-1000μm)</th>
<th>MinerOss® X Cortical (Particle size ranges from 500-1000μm)</th>
<th>MinerOss® X Syringe (Particle size ranges from 250-1000μm)</th>
</tr>
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<tbody>
<tr>
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<td>MINX-COR0.25GR 0.25g/0.4cc</td>
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</tr>
<tr>
<td>MINX-COLLAGEN-MED 8x9x9mm</td>
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<td></td>
</tr>
<tr>
<td>MINX-COLLAGEN-LG 10x11x12mm</td>
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</table>

†Family of xenograft-derived bone graft matrices.

\(^1\) Family of xenograft-derived bone graft matrices.
MinerOss® family of xenografts

MinerOss® XP
Highly porous anorganic porcine bone mineral matrix designed for hard tissue grafting applications. Increased porosity allows for optimal osteoconductivity and adequate space for new bone deposition.

applications include\(^1\)
- ridge and sinus augmentation
- extraction socket grafting
- infrabony periodontal defects
- grafting for implant placement

SEM images of MinerOss XP illustrate a structure that is similar to a natural bone mineral which is highly porous to provide more space for new bone deposition and a rough surface which facilitates cell adhesion and spread for bone in-growth.\(^1\)

ordering information

<table>
<thead>
<tr>
<th>MinerOss® XP Cancellous</th>
<th>MinerOss® XP Cancellous</th>
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MinerOss® XP Syringe
(Particle size ranges from 250–1000μm)

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BONE GRAFTING OPTIONS

Bone Grafting Applications

<table>
<thead>
<tr>
<th></th>
<th>periodontal defects</th>
<th>4-wall extraction sockets</th>
<th>3-wall extraction sockets</th>
<th>sinus augmentation</th>
<th>ridge augmentation</th>
<th>grafting for implant placement</th>
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shop online at store.biohorizons.com
**AlloDerm™ Regenerative Tissue Matrix**

Since its introduction to dentistry in 1997, AlloDerm™ Regenerative Tissue Matrix (RTM) has been a widely accepted acellular dermal matrix (ADM) for soft tissue applications. AlloDerm™ RTM supports tissue regeneration by allowing rapid revascularization, white cell migration, and cell population – ultimately being transformed into host tissue for a strong, natural repair. (Thickness ranges from 0.9–1.6mm)

- most published ADM in implant dentistry
- reduced post-operative complications as shown in trials\(^6\)
- randomized clinical trials indicated no statistical difference to connective tissue for recession coverage\(^7,8\)

**applications include\(^1\)**
- root coverage
- gingival augmentation
- soft tissue ridge augmentation
- soft tissue augmentation around implants

### ordering information

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<tr>
<th>Size</th>
<th>Description</th>
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<td>AlloDerm™ RTM 1cm x 4cm</td>
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<tr>
<td>ALLODERM 2x4</td>
<td>AlloDerm™ RTM 2cm x 4cm</td>
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</tbody>
</table>

Since its introduction to dentistry in 1997, AlloDerm™ Regenerative Tissue Matrix (RTM) has been a widely accepted acellular dermal matrix (ADM) for soft tissue applications. AlloDerm™ RTM supports tissue regeneration by allowing rapid revascularization, white cell migration, and cell population – ultimately being transformed into host tissue for a strong, natural repair. (Thickness ranges from 0.9–1.6mm)

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<td>AlloDerm™ RTM 1cm x 1cm</td>
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<tr>
<td>ALLODERM 1x4</td>
<td>AlloDerm™ RTM 1cm x 4cm</td>
</tr>
<tr>
<td>ALLODERM 2x4</td>
<td>AlloDerm™ RTM 2cm x 4cm</td>
</tr>
</tbody>
</table>

AlloDerm™ RTM can be stored at room temperature.\(^1\)

AlloDerm™ RTM case images courtesy of Dr. Edward P. Allen, Dallas, Texas

**Regenerative Tissue Matrix**

Complex acellular heterogenous scaffold and blood vessel architecture; dehydrated and ready to implant

AlloDerm™ RTM and AlloDerm GBR™ RTM size reference
AlloDerm GBR™ Regenerative Tissue Matrix (RTM) is manufactured utilizing the same proprietary process used for AlloDerm Regenerative Tissue Matrix (RTM), however AlloDerm GBR™ RTM is used as an effective barrier membrane that transitions into the patient’s own tissue.\(^9\) (Thickness ranges from 0.5–0.9mm)

- benefits soft tissue quality and serves as a barrier membrane\(^9\)
- less technique sensitive due to its ability to be exposed during healing\(^10\)
- demonstrated alternative to bioabsorbable membranes\(^11\)

**applications include\(^1\)**
- graft protection and containment
- flap extender to achieve primary closure

<table>
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AlloDerm GBR™ RTM can be stored at room temperature.\(^1\)

AlloDerm GBR™ RTM case images courtesy of Dr. Lewis C. Cummings, Kingwood, Texas

### Soft Tissue Augmentation Applications

<table>
<thead>
<tr>
<th></th>
<th>root coverage</th>
<th>gingival augmentation</th>
<th>soft tissue augmentation around implants</th>
<th>soft tissue ridge augmentation</th>
<th>graft protection &amp; containment</th>
<th>flap extender to achieve primary closure</th>
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</table>

shop online at store.biohorizons.com
BioPlug and BioStrip are collagen wound dressings designed to absorb blood or fluids and protect the site for optimal regeneration.

- fully resorbed in 10-14 days
- quantity of 10 units per box
- packaged sterile

BioPlug applications include:
- extraction sockets
- biopsy sites

BioStrip applications include:
- closure of grafted sites
- dressing of minor wounds

RESORBABLE WOUND DRESSINGS

<table>
<thead>
<tr>
<th></th>
<th>graft protection &amp; containment</th>
<th>ridge preservation</th>
<th>closure of grafted sites</th>
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<tbody>
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<td></td>
</tr>
<tr>
<td>BioStrip</td>
<td></td>
<td>☑</td>
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</table>

BioPlug size reference: 1cm x 2cm

BioStrip size reference: 2.5cm x 7.5cm

ordering information

BioPlug

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<thead>
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BioStrip

<table>
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<th>Pack of 10</th>
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Resorbable Wound Dressing Applications
Mem-Lok® RCM is engineered from highly purified type I collagen to provide an increased resorption period and ensure optimal bone regeneration. Clinicians can be confident that Mem-Lok® RCM will serve as an effective barrier membrane for bone regeneration.

- predictable resorption period of 26 – 38 weeks
- macromolecular pore size permeability that permits the exchange of essential nutrients during healing
- adapts easily to various bony defects

applications include
- extraction sockets
- sinus augmentation - sinus window
- ridge preservation
- bone augmentation around implants
- bony defects
- peri-implant bone defect around implants

ordering information

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<tr>
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<th>Description</th>
<th>Dimensions</th>
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Suture pull-out strength

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<th>BioMend®</th>
<th>Grams</th>
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<tbody>
<tr>
<td></td>
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<td>74 ± 10</td>
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<td></td>
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</tbody>
</table>

Dense membrane allows for increased mechanical strength.
Mem-Lok® Pliable is a strong, conformable collagen barrier membrane manufactured from highly purified porcine tissue.

- single layer intact collagen
- not side specific
- cell occlusive
- 12-16 week resorption time
- high suture pull-out strength

**applications include**
- extraction sites
- ridge augmentation
- graft containment around immediate implants
- periodontal defects

### ordering information

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
<th>Size</th>
</tr>
</thead>
<tbody>
<tr>
<td>PBLE-ML1520</td>
<td>Mem-Lok® Pliable</td>
<td>15mm x 20mm</td>
</tr>
<tr>
<td>PBLE-ML2030</td>
<td>Mem-Lok® Pliable</td>
<td>20mm x 30mm</td>
</tr>
<tr>
<td>PBLE-ML3040</td>
<td>Mem-Lok® Pliable</td>
<td>30mm x 40mm</td>
</tr>
</tbody>
</table>

**SEM (cross-section) at 50x**

- Mem-Lok® Pliable
- Bio-Gide®

- fibrous side
- lower density
- smooth side

not side specific
dense, uniform
single layer
Mem-Lok® Pericardium is a long lasting, conformable barrier membrane that drapes easily for graft site contours. It has excellent strength and stability for optimal graft site protection.

- tear resistant, can be sutured or tacked
- 5-year shelf life
- can be stored at room temperature

**applications include**
- extraction sites
- ridge augmentation

**ordering information**

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
<th>Size</th>
</tr>
</thead>
<tbody>
<tr>
<td>PERI-ML1520INT</td>
<td>Mem-Lok® Pericardium</td>
<td>15mm x 20mm</td>
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<tr>
<td>PERI-ML2030INT</td>
<td>Mem-Lok® Pericardium</td>
<td>20mm x 30mm</td>
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<tr>
<td>PERI-ML3040INT</td>
<td>Mem-Lok® Pericardium</td>
<td>30mm x 40mm</td>
</tr>
</tbody>
</table>

Mem-Lok® Pericardium case images courtesy of Dr. Guy Rosenstiel

DENTAL MEMBRANES

Mem-Lok® RCM, Mem-Lok® Pliable and Mem-Lok® Pericardium size reference
Cytoplast™ Titanium-Reinforced Dense PTFE Membranes

The traditional frame design, incorporating delicate and strategically-placed titanium "struts", has more than 25 years of clinical history and successful use in guided bone regeneration. Cytoplast™ Ti-250 membranes provide a wide range of coverage solutions for cases involving extraction sites, bony defects, and ridge augmentation. (250 microns thick)

- non-resorbable material allows the clinician to dictate healing time
- passive fit with no memory retention
- lightweight framework is easy to trim and is compliant with overlying soft tissues

### Ordering Information and Applications

<table>
<thead>
<tr>
<th>Product Code</th>
<th>Description</th>
<th>Size</th>
</tr>
</thead>
<tbody>
<tr>
<td>OG-TI250ANL-2</td>
<td>Ti-250 Anterior Narrow (pack of 2)</td>
<td>12mm x 24mm</td>
</tr>
<tr>
<td></td>
<td>Coverage of narrow single-tooth extraction sites, especially where one bony wall is missing.</td>
<td></td>
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<tr>
<td>OG-TI250AS-2</td>
<td>Ti-250 Anterior Singles (pack of 2)</td>
<td>14mm x 24mm</td>
</tr>
<tr>
<td></td>
<td>Coverage of single-tooth extraction sites, especially where one or more bony walls are missing.</td>
<td></td>
</tr>
<tr>
<td>OG-TI250ATC-2</td>
<td>Ti-250 Anterior Trans Crestal (pack of 2)</td>
<td>24mm x 38mm</td>
</tr>
<tr>
<td></td>
<td>Designed for bony defects between adjacent teeth, including ridge augmentation.</td>
<td></td>
</tr>
<tr>
<td>OG-TI250BL-2</td>
<td>Ti-250 Buccal (pack of 2)</td>
<td>17mm x 25mm</td>
</tr>
<tr>
<td></td>
<td>Treatment of large buccal defects.</td>
<td></td>
</tr>
<tr>
<td>OG-TI250PD-2</td>
<td>Ti-250 Posterior Distal (pack of 2)</td>
<td>38mm x 38mm</td>
</tr>
<tr>
<td></td>
<td>Designed for large bony defects, including distal extension of the posterior ridge.</td>
<td></td>
</tr>
<tr>
<td>OG-TI250PS-2</td>
<td>Ti-250 Posterior Singles (pack of 2)</td>
<td>25mm x 25mm</td>
</tr>
<tr>
<td></td>
<td>Suited for covering posterior extraction sites and limited ridge augmentation.</td>
<td></td>
</tr>
<tr>
<td>OG-TI250PST-2</td>
<td>Ti-250 Posterior Singles T2 (pack of 2)</td>
<td>38mm x 38mm</td>
</tr>
<tr>
<td></td>
<td>Designed for large bony defects between adjacent teeth, including ridge augmentation.</td>
<td></td>
</tr>
<tr>
<td>OG-TI250XL-2</td>
<td>Ti-250 XL (pack of 2)</td>
<td>30mm x 40mm</td>
</tr>
<tr>
<td></td>
<td>Sized to cover very large bony defects, including ridge augmentation. Larger titanium spans more of the PTFE membrane for additional rigidity.</td>
<td></td>
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<tr>
<td>OG-TI250XLK-2</td>
<td>Ti-250 XLK (pack of 2)</td>
<td>30mm x 40mm</td>
</tr>
<tr>
<td></td>
<td>Sized to cover large bony defects, including ridge augmentation. Smaller titanium frame allows for greater versatility when shaping.</td>
<td></td>
</tr>
</tbody>
</table>
Cytoplast™ Titanium-Reinforced Dense PTFE Membranes

Cytoplast™ Titanium-Reinforced Dense PTFE Membranes size reference

Ti-250 Anterior Narrow
12mm x 24mm

Ti-250 Anterior Singles
14mm x 24mm

Ti-250 Anterior Trans Crestal
24mm x 38mm

Ti-250 Buccal
17mm x 25mm

Ti-250 Posterior Distal
38mm x 38mm

Ti-250 Posterior Large
25mm x 30mm

Ti-250 Posterior Singles
20mm x 25mm

Ti-250 Posterior Singles T2
25mm x 36mm

Ti-250 Posterior Trans Crestal
38mm x 38mm

Ti-250 XL
30mm x 40mm

Ti-250 XLK
30mm x 40mm

Ti-250 Posterior Distal
38mm x 38mm

Cytoplast™ Titanium-Reinforced Dense PTFE
Membrane size reference

DENTAL MEMBRANES
The micro-textured TXT-200 & TXT-200 Singles provide a textured surface to increase the area available for cellular attachment without increasing porosity (200 microns thick)

- patented Regentex™ surface for increased stability
- impervious to bacteria (membrane pore size less than 0.3 microns)
- designed to withstand exposure for easy, non-surgical removal
- for socket grafting and grafting where primary closure is not possible

### Dental Membrane Applications

<table>
<thead>
<tr>
<th>Membrane Type</th>
<th>Graft Protection &amp; Containment</th>
<th>Sinus Lift</th>
<th>Ridge Preservation</th>
<th>Bony Defects</th>
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</thead>
<tbody>
<tr>
<td>Mem-Lok® RCM</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
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<tr>
<td>Mem-Lok® Pliable</td>
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<td>✓</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>Mem-Lok® Pericardium</td>
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<td>✓</td>
<td>✓</td>
<td>✓</td>
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<tr>
<td>Cytoplast™ TXT-200 &amp; TXT-200 Singles</td>
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<td>✓</td>
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<tr>
<td>Cytoplast™ Ti-250</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
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</table>

### Ordering Information

<table>
<thead>
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<th>Code</th>
<th>Description</th>
<th>Size</th>
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</thead>
<tbody>
<tr>
<td>OG-TXT1224-1</td>
<td>Cytoplast™ TXT-200 Singles</td>
<td>12mm x 24mm</td>
</tr>
<tr>
<td>OG-TXT1224</td>
<td>Cytoplast™ TXT-200 Singles (pack of 10)</td>
<td>12mm x 24mm</td>
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<tr>
<td>OG-TXT2530-1</td>
<td>Cytoplast™ TXT-200</td>
<td>25mm x 30mm</td>
</tr>
<tr>
<td>OG-TXT2530</td>
<td>Cytoplast™ TXT-200 (pack of 4)</td>
<td>25mm x 30mm</td>
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</table>
RECOMMENDED SUTURES

Cytoplast™ PTFE Sutures

- manufactured using 100% non-resorbable, medical grade PTFE for a biologically inert suture that prevents bacterial wicking into surgical sites
- 300 series stainless steel needle, provides a substantial increase in needle strength as well as initial and sustained needle sharpness
- soft monofilament ensures little to no package memory for excellent handling, secure knots and increased patient comfort

OG-CS-0618RC

For dental implant and bone grafting procedures. Designed to have longer and geometrically finer precision cutting edges.

OG-CS-0618PREM

For dental implant and bone grafting procedures where a smaller reverse cutting needle is desired. Designed to have longer and geometrically finer precision cutting edges.

OG-CS-051819

Most popular needle in dentistry and most popular suture size.

OG-CS-0518

Most popular size for dental implant and bone grafting procedures.
Hu-Friedy® Sutures

- 300 series stainless steel, the ideal alloy for dental suture needles, ensures a strong sharp needle pass after pass
- manufactured from a stronger alloy composition, increasing ductile strength - if the needle does bend, it is less likely to break when reshaping
- finer point geometry for smooth tissue penetration, requiring up to 20% less force* than other suture needles
- laser-drilled needles for reduced tissue disruption

Dr. Edward P. Allen’s Recommended Sutures

- **HF-PSN1816C**
  - 10.7mm
  - 3/8 Circle Premium Reverse Cut

- **HF-PSN8697P**
  - 10.7mm
  - 3/8 Circle Premium Reverse Cut

- **HF-PSN8696P**
  - 10.7mm
  - 3/8 Circle Premium Reverse Cut

- **HF-PSN8384P**
  - 12mm
  - 3/8 Circle Reverse Cut

*Data on file at Hu-Friedy®

Dr. Carl E. Misch’s Recommended Sutures

- **HF-PSN460V**
  - 23mm
  - 1/2 Circle Reverse Cut

- **HF-PSN392V**
  - 18.7mm
  - 3/8 Circle Reverse Cut

For use in oral plastic surgery procedures

- **Perma Sharp® Suture**
  - 6-0 Chromic Gut 18”, C-1 Premium.
  - Finer point geometry for smoother penetration.

For use in implant and bone graft related procedures

- **Perma Sharp® Suture**
  - 3-0 Violet PGA Suture. 27”, C-9.
  - Finer point geometry for smoother penetration.

- **Perma Sharp® Suture**
  - 4-0 Violet PGA Suture. 18”, C-6.
  - Finer point geometry for smoother penetration.
Allen Oral Plastic Surgery Kit

Developed by Dr. Edward P. Allen, this comprehensive kit provides precision microsurgical instruments specifically designed for invasive soft tissue grafting procedures.

HF-IMN4160  16 Instrument Infinity Series Cassette
HF-IM1000  Sig. Series Hinged Instrument Clip, 2 pack

HF-NHM-5026R  Micro Castroviejo, Straight, Diamond Dusted

HF-S5080  Goldman-Fox Perma Sharp® Scissors, Straight

HF-PPAELPX  Allen Periosteal Elevator, Posterior, Black Line
HF-PPAELAX  Allen Periosteal Elevator, Anterior, Black Line

HF-KPAX  Allen End-Cutting Intruscular Knife, Black Line

HF-SYG7/89E2  Younger-Good 7/8, #9 Handle, EverEdge® (2 per kit)

HF-MCUPE  Immunity Steel Cup, Modified (2 per kit)

HF-KO12KPO3R9  Allen Modified Orban Knife 1/2, Round, EverEdge®

HF-S5080  Goldman-Fox Perma Sharp® Scissors, Straight

HF-KPAX  Allen End-Cutting Intruscular Knife, Black Line

HF-SYG7/89E2  Younger-Good 7/8, #9 Handle, EverEdge® (2 per kit)

HF-MCUPE  Immunity Steel Cup, Modified (2 per kit)

HF-KO12KPO3R9  Allen Modified Orban Knife 1/2, Round, EverEdge®

HF-IMN4160  16 Instrument Infinity Series Cassette
HF-IM1000  Sig. Series Hinged Instrument Clip, 2 pack

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HF-PPAELPX  Allen Periosteal Elevator, Posterior, Black Line
HF-PPAELAX  Allen Periosteal Elevator, Anterior, Black Line

HF-KPAX  Allen End-Cutting Intruscular Knife, Black Line

HF-SYG7/89E2  Younger-Good 7/8, #9 Handle, EverEdge® (2 per kit)

HF-MCUPE  Immunity Steel Cup, Modified (2 per kit)

HF-KO12KPO3R9  Allen Modified Orban Knife 1/2, Round, EverEdge®

HF-SYRCW  Cook-Waite Anesthetic Aspirating Syringe, 1.8ml

HF-10-130-05  #5 Scalpel Handle, Round, Straight

HF-PCP116  Color-Coded Probe 3-6-8-11
HF-SP20  Com Suture Pliers

HF-8-905DD  Precision Dressing Forceps, Diamond Dusted

HF-MIR5/3  #5 Front Surface Mouth Mirror, 3 pack
HF-MH6  #6 Satin Steel® Mirror Handle (2 per kit)

HF-PPAELX  Allen Periosteal Elevator, Black Line
HF-ALLENCARD  Allen Membrane Measurement Card

HF-KO12KP3R49  Allen Arrowhead Knife, EverEdge®

additional items available individually

HF-KO12KPO3AR  Allen Modified Orban Knife 1/2, Round, #6 Satin Steel® Handle
INSTRUMENTS

Basic Hard Tissue Grafting Kit

Developed by Dr. Nico Geurs & Dr. Justin Moody, this comprehensive kit provides essential instrumentation for standard hard tissue grafting applications.

HF-IMPMOODYK

HF-CSEUWES6  Euwe Bone Scoop/Plunger, #6 Satin Steel® Handle

HF-CL856  #85 Lucas DE Surgical Curette, #6 Satin Steel® Handle

HF-MIR5HD  #5 High Definition Cone Socket Mirror, Single Sided (1 per kit)

HF-P24GSP6  #24G Periosteal, #6 Satin Steel® Handle

HF-NH5038  Crile-Wood Perma Sharp® Needle Holder

HF-PCP126  Color-Coded SE Probe 3-6-9-12, #6 Satin Steel® Handle

HF-CM116  #11 Miller Bone Curette, #6 Satin Steel® Handle

HF-IM8121C4  Gray Signa-Stat, 4 clips

HF-CRM  Retractor University of Minnesota

HF-MH6  #6 Satin Steel® Mirror Handle

HF-DP17  #17 Dressing Pliers

HF-F1XS  #1 Atraumair Extraction Forceps

HF-S18  Iris Scissors, Curved

HF-10-130-05  #5 Scalpel Handle, Round Straight
Allen/Johnston Suture Removal Kit

**HF-AJSRKIT**

Dr. Edward P. Allen, a recognized expert in periodontal surgery, and Shanon Johnston, a CDA, has designed this complete suture removal kit. Microsurgery has recently been introduced into oral plastic surgery. Among the benefits are refined instruments and materials, which allow for finer, more precise surgical procedures that can result in predictable outcomes.

Titanium Tack Driver System

The titanium tack driver system is used for the fixation of barrier membranes and soft tissue in the oral cavity. The system was designed with a durable, long-lasting driver handle with a strong, tack-retaining feature to reduce lost tacks.

- **BSMTDR** Manual Tack Driver
- **BSMTDRT** Replacement Tack Driver Tip

AutoTac® System Kit

The AutoTac® System Kit is used to secure membranes with the push of a button. The efficient “no touch” tack system with a convenient one-handed delivery mechanism effectively fixates membranes.

- **400-270** AutoTac® System Kit includes:
  - sterilization tray
  - autoclavable tack cassette (pre-loaded with 21 titanium tacks)
  - dressing pliers, utility pick-up
  - delivery handle

Re-Order Items

- **400-248** autoclavable tack cassette (tacks not included)
- **400-260** titanium tacks with cassette (pack of 21)
- **400-240** titanium tack vial (pack of 5)
- **HF-DPU17** dressing pliers, utility pick-up

Crestal-Lift-Control Basic Kit

The Crestal-Lift-Control system supports safe and easy access for internal sinus lift procedures.

- **MS-BCLBA2** Crestal-Lift-Control Basic Kit includes:
  - 2.0 pilot drill for initial engagement of bone
  - 3.3/3.6/3.8/4.1mm diameter side cutting crestal drills
  - 3mm-9mm depth stops for accurate access
  - graft spreader to assist with sinus membrane elevation and placement of graft material
Bone Fixation Screw Kit

Indicated for use in fixation of cortical onlay grafts and meshes and for membrane tenting used in Guided Bone Regeneration. The kit is compact and conveniently organized for efficient retrieval of instruments and screws. It includes cortical bone drills for both latch-type and friction-grip handpieces.

160-900   Bone Fixation Screw Kit includes:

- flexible micro mesh
- screwdriver body
- comprehensive instrument set
- autoclavable screw block with lid
- 24 screws:

  (6) 1.4mm x 8.0mm micro screws
  (6) 1.4mm x 10.0mm micro screws
  (6) 2.0mm x 10.0mm mini screws
  (6) 2.0mm x 12.0mm mini screws

Bone Fixation Screw Kit Re-Order Items

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>BSV-14X4</td>
<td>1.4mm x 4.0mm micro screw (pack of 6)</td>
</tr>
<tr>
<td>BSV-14X6</td>
<td>1.4mm x 6.0mm micro screw (pack of 6)</td>
</tr>
<tr>
<td>BSV-14X8</td>
<td>1.4mm x 8.0mm micro screw (pack of 6)</td>
</tr>
<tr>
<td>BSV-14X10</td>
<td>1.4mm x 10.0mm micro screw (pack of 6)</td>
</tr>
<tr>
<td>BSV-14X12</td>
<td>1.4mm x 12.0mm micro screw (pack of 6)</td>
</tr>
<tr>
<td>BSV-2X8</td>
<td>2.0mm x 8.0mm mini screw (pack of 6)</td>
</tr>
<tr>
<td>BSV-2X10</td>
<td>2.0mm x 10.0mm mini screw (pack of 6)</td>
</tr>
<tr>
<td>BSV-2X12</td>
<td>2.0mm x 12.0mm mini screw (pack of 6)</td>
</tr>
<tr>
<td>BSV-2X14</td>
<td>2.0mm x 14.0mm mini screw (pack of 6)</td>
</tr>
<tr>
<td>BS-MMESH</td>
<td>micro mesh for guided bone regeneration</td>
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<tr>
<td></td>
<td>24.0mm x 35.0mm, 0.1mm thick</td>
</tr>
<tr>
<td>BS-MCSSFT-HND</td>
<td>micro screwdriver shaft for screwdriver body</td>
</tr>
<tr>
<td>BS-MCSSFT-ANG</td>
<td>micro screwdriver shaft for latch-type handpieces</td>
</tr>
<tr>
<td>BS-1MCDB-ANG</td>
<td>1.0mm micro drill bit for latch-type handpieces</td>
</tr>
<tr>
<td>BS-MNSSFT-HND</td>
<td>mini screwdriver shaft for screwdriver body</td>
</tr>
<tr>
<td>BS-MNSSFT-ANG</td>
<td>mini screwdriver shaft for latch-type handpieces</td>
</tr>
<tr>
<td>BS-16MMDB-ANG</td>
<td>1.6mm mini drill bit for latch-type handpieces</td>
</tr>
<tr>
<td>BS-16X54.8MDB-STR</td>
<td>1.6 x 54.8mm mini drill bit for friction-grip handpieces (Ø2.35mm)</td>
</tr>
<tr>
<td>BS-16X67MDB-STR</td>
<td>1.6 x 67.0mm mini drill bit for friction-grip handpieces (Ø2.35mm)</td>
</tr>
<tr>
<td>BS-SDRIVER</td>
<td>screwdriver body</td>
</tr>
</tbody>
</table>
1. Reference manufacturer’s Instructions for Use (IFU) package insert.


3. Grafton DBM forms and Grafton Plus DBM Paste are FDA 510(k) cleared for use as a bone void filler, bone graft extender and bone graft substitute.

4. FDA 510(k) K051188 and K051195 Indications for Use statements and summaries of safety and effectiveness for use as a bone void filler, bone graft extender and bone graft substitute.

5. Data on file with the manufacturer.


ORDERING & WARRANTY INFORMATION

Territory Manager: ____________________________

Cell phone: ________________________________

Email and/or fax: __________________________

BioHorizons Lifetime Warranty on Implants and Prosthetics: All BioHorizons implants and prosthetic components include a Lifetime Warranty. BioHorizons implant or prosthetic components will be replaced if removal of that product is due to failure (excluding normal wear to overdenture attachments).

Additional Warranties: BioHorizons warrants surgical drills, taps and other surgical and restorative instruments.

(1) Surgical Drills and Taps: Surgical drills and taps include a warranty period of ninety (90) days from the date of initial invoice. Surgical instruments should be replaced when they become worn, dull, corroded or in any way compromised. Surgical drills should be replaced after 12 to 20 osteotomies.

(2) Instruments: The BioHorizons manufactured instrument warranty extends for a period of one (1) year from the date of initial invoice. Instruments include drivers, implant site dilators and BioHorizons tools used in the placement or restoration of BioHorizons implants.

Return Policy: Product returns require a Return Authorization Form, which may be acquired by contacting Customer Care. The completed Return Authorization Form must be included with the returned product. For more information, please see the reverse side of the invoice that was shipped with the product.

Disclaimer of Liability: BioHorizons products may only be used in conjunction with the associated original components and instruments according to the Instructions for Use (IFU). Use of any non-BioHorizons products in conjunction with BioHorizons products will void any warranty or any other obligation, expressed or implied.

Treatment planning and clinical application of BioHorizons products are the responsibility of each individual clinician. BioHorizons strongly recommends completion of postgraduate dental implant education and adherence to the IFU that accompany each product. BioHorizons is not responsible for incidental or consequential damages or liability relating to use of our products alone or in combination with other products other than replacement or repair under our warranties.

Distributed Products: For information on the manufacturer’s warranty of distributed products, please refer to their product packaging. Distributed products are subject to price change without notice.

Validity: Upon its release, this literature supersedes all previously published versions.

Availability: Not all products shown or described in this literature are available in all countries. BioHorizons continually strives to improve its products and therefore reserves the right to improve, modify, change specifications or discontinue products at any time.

Any images depicted in this literature are not to scale, nor are all products depicted. Product descriptions have been modified for presentation purposes. For complete product descriptions and additional information, visit store.biohorizons.com.
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BioHorizons Italy
800-063-040

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