



Ireland & Northern Ireland Biomaterials Product catalogue

Valid from January 2024











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Biomaterials for hard and soft tissue regeneration

Bone graft substitutes, membranes, Reconstructive Tissue Matrix and wound dressings

The correct choice of biomaterials is crucial to achieve optimal clinical outcomes - in functional, structural and esthetic terms. Our portfolio of biomaterials offers you a comprehensive range of products for virtually all requirements needed for the regeneration of hard and soft tissue deficits. The product catalogue provides a summary of our entire biomaterials portfolio. It serves as a guide and aid for the selection of suitable biomaterials.

Our product portfolio includes allogeneic (human origin), xenogeneic (porcine and bovine origin) and synthetic bone substitute materials and membranes. Due to their structural properties and manufacturing processes, the materials differ in their resorption behavior as well as their handling.

The range of **allogeneic bone substitute material** is an allograft made from human donor bone and is subject to high safety standards in the manufacturing process. The range of **xenogeneic** bone substitute materials is methodically processed from bovine or porcine bone and extensively tested to eliminate potential antigenicity and to provide a favorable environment for new bone growth. **Synthetic** bone substitute material offers an alternative to commercially available bone substitute materials and extends the treatment spectrum.

In addition to bone substitute materials, our portfolio also includes **membranes** as well as an acellular dermal **tissue matrix** of porcine origin. The **collagen wound dressings** round off our product portfolio allowing complete patient centric planning and treatment selection.





Clinical proven



CE identification of the products





Partner of success

Allogenic bone graft substitute

MinerOss® A



MinerOss[®] A is an allograft made from human donor bone. Scientific studies have shown that allografts are most similar to the patient's autologous bone in use. They integrate quickly and have the potential for remodeling $-^{1-5}$.

MinerOss® A is processed by Cells+Tissuebank Austria (C+TBA) in a multistep purification process for safe use – after the donor tissue has undergone a stringent serological screening protocol. It consists of allogeneic bone tissue and enables reliable and predictable results for the regeneration of bone defects.

Ideal for following indications

- Regeneration of periodontal osseous defects, even after cyst or root tip resections
- Regeneration of extraction sockets and filling gaps between the alveolar wall and dental implants
- Sinus floor augmentation
- Horizontal augmentation of alveolar ridges
- Three dimensional (horizontal and/or vertical) augmentation of the alveolar ridge

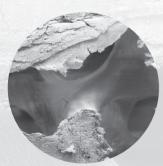
MinerOss[®] A is largely derived from donated human femoral heads that are received and screened following hip replacement surgery. It is available as granules, blocks and plates.

Due to the natural composition of the bone, which contains mineralized human collagen, MinerOss[®] A exhibits a high biological regenerative capacity in combination with a natural remodeling behavior ⁴. Therefore, MinerOss[®] A is an excellent alternative to harvesting bone from patients. Surgical intervention to harvest an autologous graft is eliminated, reducing morbidity for the patient.

Product features

- Proprietary tissue processing maintains tissue integrity
- Bone from human donors (living donors: femoral heads, post-mortem donors: diaphysis)
- Natural bone composition mineralized human collagen
- High biologic regeneration capability and natural remodeling⁴
- Osteoconductive properties support controlled tissue remodeling
- 5 years shelf-life at room temperature (5–30 °C)

See Product Overview at the end for all the product options and codes for MinerOss® A



SEM picture of MinerOss® A at 100-fold magnification showing macroporous structure.

Porcine bone graft substitute

MinerOss[®] XP



MinerOss[®] XP is a porous bone mineral matrix consisting largely of calcium phosphate. It is obtained by removing organic components from cancellous bone of porcine origin. The inorganic MinerOss[®] XP bone matrix has macro- and microscopic structures which resemble those of human bone. Due to this trabecular architecture with interconnecting macro- and micropores, the ingrowth of new vessels and bone at the graft site is optimized.

Ideal for following indications

- Augmentation or reconstruction of the alveolar ridge
- · Filling of intrabony periodontal defects
- Filling of defects after root resection, apicoectomy, or cystectomy
- Filling of extraction sockets for the protection and preservation of the alveolar ridge
- Sinus floor elevation
- Filling of periodontal defects in conjunction with products for guided tissue regeneration (GTR) or guided bone regeneration (GBR)
- Filling of peri-implant defects in conjunction with products for guided bone regeneration (GBR)

Product features

- Intra and interparticle space ⁶
- The highly porous structure of MinerOss® XP provides substantial space for the growth of new blood vessels and new bone.
- More intra and interparticular space is provided for osteoconduction and new bone formation than with comparable materials.
- Rough surface facilitates cell adhesion and spread for bone in-growth⁶
- High volume fill per unit weight⁶
- Carbonate apatitie substitution promotes better osteoclastic remodelling than hydroxyapatite ⁷⁻¹⁰

See Product Overview at the end for all the product options and codes for MinerOss[®] XP



SEM picture of MinerOss® XP at 25-fold magnification – macropores andmicropores resemble human bone.

Bovine bone graft substitute

MinerOss® X



MinerOss® X is an anorganic, bovine bone, mineral matrix available in a variety of options. Physically and chemically, the product is comparable to the mineral structure of human bone. The formation and ingrowth of new bone at the implantation site of MinerOss® X is favored, due to its trabecular architecture, interconnecting macro and micro pores and its natural consistency. MinerOss® X Collagen is a combination of 95 % anorganic, cancellous, bovine bone and approximately 5% bovine collagen. This block form allows for convenience during placement and is an ideal solution for many applications, including ridge preservation, minor bone augmentations and periodontal regeneration.

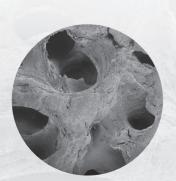
Ideal for following indications

- Augmentation or reconstruction of the alveolar ridge
- Filling of intrabony periodontal defects
- Filling of defects after root resection, apicoectomy, or cystectomy
- Filling of extraction sockets for the protection and preservation of the alveolar ridge
- Sinus floor elevation
- Filling of periodontal defects in conjunction with products for guided tissue regeneration (GTR) or guided bone regeneration (GBR)
- Filling of peri-implant defects in conjunction with products for guided bone regeneration (GBR)

Product features

- Flexible, to meet clinical needs
- In combination with Mem-Lok® RCM, MinerOss® X preserves ideal space and long-term cell occlusion for maximum bone volume
- Matrix for osseointegration
 - Diffraction patterns are close to the mature native bone diffraction pattern¹¹
 - High porosity which supports and enhances integration of new bone
- Dependable stability and strength
- Deproteinized and delipidized, gamma-sterilized
- Optimal calcium/phosphate balance comparable to human bone $^{\mbox{\tiny 12}}$

See Product Overview at the end for all the product options and codes for MinerOss® X



SEM picture of MinerOss® X at 50-fold magnification – macropores and micropores resemble human bone.

Synthetic bone graft substitute

SynMax®



SynMax[®] is a fully synthetic, safe and biocompatible material that, when brought into an osseous environment, serves as an osteoconductive scaffold to support the ingrowth and fusion of adjacent, vital bone. It's composed of 60 % hydroxyapatite and 40% betatricalcium phosphate.

After implantation the material undergoes a natural remodeling and is gradually resorbed and replaced by new bone. SynMax[®] is a bone graft material that provides clinicians and their patients with an ideal alternative to human allograft and animal origin bone graft material.¹³⁻¹⁵

Ideal for following indications

- Sinus lift
- Ridge augmentation
- Intraosseous defects
- Extraction sockets
- Osseous defects
- Furcation defects

SynMax[™] (Particle size 500 - 1000µm)

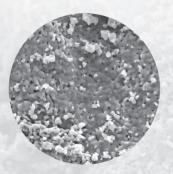
ltem code	
BM1013.1005	0.5cc Vial
BM1013.1010	1.0cc Vial

Product features

- 100 % synthetic, no risk of disease transmission, high safety
- Controlled resorption due to biphasic composition
- Very rough surface and high porosity supports integration and bone formation

SynMax[™] (Particle size 800 - 1500µm)

ltem code	
BM1014.1005	0.5cc Vial
BM1014.1020	2.0cc Vial



SEM picture of SynMax® at 1000-fold magnification showing microporous structure.



Introducing Xtract Packs: Stronger Together



MinerOss® XP & Striate+ ™ Xtract PackMinerOss® XP 0.5cc Small & Striate+ ™ 15 x 20MinerOss™ A & Striate+™ Xtract PackMinerOss® A Cortico-cancellous Granulate 0.5cc & Striate+ ™ 15 x 20

Introducing **Xtract Pack** – your solution for individual case management.

BioHorizons Camlog offers the regenerative solutions needed to create a solid base for hard and soft tissue growth – the perfect synergy between natural looking esthetics and long-term function. Now available with a Striate+ \mathbb{M} , a non-crosslinked, accelular Type 1 collagen, bi-layered membrane. Our Xtract Packs have been designed to simplify the ordering process, case management and stock storage.

Secure your discount now and order an Xtract Pack to receive 1 dental membrane and 1 dental bone graft for your next case.

BioHorizons Camlog UK & Ireland

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More information or to enquire:





Please note products can only be returned for exchange not credit. Products discounted from list price only. Note VAT will be applied to all non-allograft products. Our standard Terms & Conditions apply. Where applicable a Human Tissue Contract will be required. BioHorizons®, Mem-Lok® and MinerOss® are registered trademarks of BioHorizons. MinerOss™ A is manufactured by C+TBA. Allotec® is a registered trademark of C+TBA. Not all products are available in all countries. ©BioHorizons. All Rights Reserved. SPMP21074GB REV A APR 2021

Introducing Striate+ collagen membrane exceptional clinical results

Non-crosslinked, acellular Type I porcine collagen

does not induce abnorma inflammatory response¹

Dense barrier layer

prevents infiltration of gingival cells while allowing passage of bioactive molecules and proteins¹

Bi-layer membrane structure readily conforms to bone surfaces

Exceptional handling properties

adapts easily to the bone surface, does not collapse or stick when wet

Bioactive chamber

enables early integration of boneforming cells and provides a favourable environment for osteogenesis¹⁶



CURIOUS? SCAN THE QR CODE & REACH OUT TODAY!





Porcine collagen membrane

Striate+[™] – natural collagen membrane with a bilayer structure



Striate+[™] is a resorbable non-crosslinked collagen barrier membrane for guided bone and tissue regeneration. It is the next generation of collagen membranes which, due to its unique manufacturing process, creates a favorable environment for rapid regeneration of high-quality bone and soft tissue.

Optimal for following indications 16

- Treatment of jaw bone defects in oral and maxillofacial surgery
- Guided bone regeneration
- Guided soft tissue regeneration
- Periodontal defect regeneration

Striate+[™] Collagen Membrane

ltem code	
OCG-152	15 x 20mm
OCG-203	20 x 30mm
OCG-304	30 x 40mm



- Preservation of the collagen architecture of the original tissue due to the optimized manufacturing process.
 - Results in very good processing properties and natural degradation profile
- Exceptional handling properties
 - The membrane can be sutured, screw retained or pinned without tearing or deforming
 - The membrane does not stick in hydrated state
- Bilayer structure to stimulate specific biological responses
 - Osteoconductive, rough side with bioactive chambers serves as a guide for cells and blood vessels
 - faces the bone defect
 - Smooth side with dense collagen structure for barrier function
 - barrier function prevents the migration of gingival cells
 - allows the passage of bioactive molecules
- Minimized inflammatory response
- Predictable results
- Optimal wound stabilization and healing
- Ideal soft tissue integration and hence esthetic results



SEM picture of Striate+ showing the collagen fibre

Porcine collagen membrane

Mem-Lok[®] Pliable



Mem-Lok[®] Pliable is a strong and conformable collagen membrane made of highly purified, porcine tissue. Mem-Lok[®] Pliable offers flexibility and strength. It is easy to handle and simple to fixate. This barrier membrane supports soft tissue and stabilizes the grafting area. Meticulously manufactured from highly purified, intact, porcine collagen and minimally cross-linked, it is biocompatible and predictably resorbable. It is smoothly adaptable to defects and contours and can easily be repositioned. Due to its high suture pullout strength, it can be firmly anchored to the surrounding tissue.

Ideal for following indications

- Augmentation around implants placed in extraction sockets
- Augmentation around implants placed in extended extraction sockets
- Local ridge augmentation for later implantation
- Reconstruction of the alveolar ridge for prosthetic treatment
- Filling of bone defects after root resection, cystectomy, or removal of retained teeth
- Guided bone regeneration in dehiscence defects
- Guided bone regeneration procedures in periodontal defects

Mem-Lok® Pliable Collagen Membrane

ltem code	
PBLE-ML1520	15 x 20mm
PBLE-ML2030	20 x 30mm
PBLE-ML3040	30 x 40mm



SEM picture of Mem-Lok® Pliable at 50-fold magnification – not side-specific; dense, uniform single layer ¹¹

Product features

- Special handling characteristics¹⁷
 - Not side-specific
 - Can be placed dry or hydrated
 - Does not adhere to gloves or instruments
 - Simple, easy fixation
 - Single layer, intact collagen
 - Cell occlusive
 - High tear strength
- Supports wound healing¹⁷
 - Reduced degree of inflammation and foreign body response confirmed in pre-clinical testing at early timepoints
 - Protects the graft area from undesirable soft-tissue infiltration uring initial healing phase
 - Enables nutrient transfer
 - Predictable resorption in 12 to 16 weeks
 - Greater initial stability during the critical early weeks of healing due to slow resorption time
- Dependable strength
 - Proven biomechanical strength safeguards fixation
 - In pre-clinical testing, suture pullout strength was three times higher than a comparable collagen membrane.¹⁷

Bovine collagen membrane

Mem-Lok[®] Resorbable Collagen Membrane (RCM)



Mem-Lok® RCM is manufactured from highly purified, type I bovine collagen. Clinicians can be confident that Mem-Lok® RCM will serve as an effective barrier membrane for bone regeneration. Mem-Lok® RCM supports graft stabilization and bone growth by providing soft tissue support and space maintenance over a predictable timeframe. It is manufactured to ensure predictable resorption rates. Due to its in-vivo stability, it enables easy handling in demanding indications.

Ideal for following indications

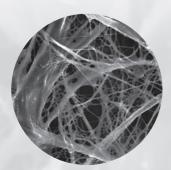
- Periodontal defects
- Extraction sockets
- Horizontal ridge enhancement
- Vertical ridge enhancement
- Sinus augmentation
- Dehiscence defects
- Immediate implantation

Mem-Lok[®] RCM Collagen Membrane

ltem code	
RCM-ML1520	15 x 20mm
RCM-ML2030	20 x 30mm
RCM-ML3040	30 x 40mm

Product features

- Special handling characteristics ¹²
 - Membrane only 0.3 mm thick, yet rigid
 - Easy to use due to dimensional stability
 - Easy placement since membrane is not side-specific
 - Potentially reduced treatment time thanks to easy fixation
 - Minimal hydration for optimal bio-adaptability
- Flexible, to meet clinical needs
 - Mem-Lok[®] RCM maintains ideal space and long-term cell occlusion for maximum bone volume
- Permeability permits the exchange of essential nutrients during healing
- Easily adapts to a whole range of bone defects
- Cell-occlusive for supporting bone regeneration
- Protecting the graft area from undesirable soft tissue infiltration during the initial healing phase
- Predictable resorption after 26 to 38 weeks ¹⁸ eliminates the need of a removal surgery



SEM picture of Mem-Lok® RCM

Synthetic PTFE membrane

PermaPro®



PermaPro[®] is an exceptionally thin, non-resorbable, temporary implantable and biocompatible membrane. It is composed of biologically inert, highdensity polytetrafluoroethylene (PTFE), which acts as an efficient barrier against bacterial and cellular penetration, and can therefore be used for open healing in certain indications.

Ideal for following indications

- For the regeneration of extraction sockets (Socket and Ridge Preservation)
- For use as a space-creating barrier in guided bone regeneration (GBR) and guided tissue regeneration (GTR)
- For covering bone defects during surgical procedures in periodontology, oral and maxillofacial surgery, oral surgery, and implant dentistry

PermaPro® (synthetic PTFE membrane)

ltem code	
BM.2005.1520	15 x 20mm
BM.2005.2030	20 x 30mm
BM.2005.3040	30 x 40mm

Product features

- 100 % synthetic PTFE barrier membrane
- Ultra-thin (approx. 0.08mm)
- Impervious to bacteria due to dense structure
- Easily removable due to minimal tissue ingrowth into the surface structure
- No need for primary soft tissue closure (indication-dependent)^{20,21}
- Easy recovery thanks to blue color
- Rounded edges for minimal tissue trauma
- Easy fixation with sutures or pins
- Higher dimensional stability compared to commercially available collagen membranes
- Augmentation outside the ridge contour
- Synthetic nature no religious or dietary conflicts
- Exposure situations where primary wound closure is not desired (indication dependent)



SEM picture of PermaPro® at 30-fold magnification

Dental Membranes

Cytoplast™ Titanium-Reinforced Dense PTFE Membranes



The traditional frame design, incorporating delicate and strategicallyplaced 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

Cytoplast[™] Titanium-Reinforced Dense PTFE Membranes Item Code Description Size OG-TI250ANL-2 Ti-250 Anterior Narrow (pack of 2) 12mm x 24mm Coverage of narrow single-tooth extraction sites, especially where one bony wall is missing. OG-TI250AS-2 Ti-250 Anterior Singles (pack of 2) 14mm x 24mm Coverage of single-tooth extraction sites, especially where one or more bony walls are missing. OG-TI250ATC-2 Ti-250 Anterior Trans Crestal (pack of 2) 24mm x 38mm Designed for bony defects between adjacent teeth, including ridge augmentation. OG-TI250BL-2 Ti-250 Buccal (pack of 2) 17mm x 25mm Treatment of large buccal defects. OG-TI250PD-2 Ti-250 Posterior Distal (pack of 2) 38mm x 38mm Designed for large bony defects, including distal extension of the posterior ridge.



OG-TI250PL-2	Ti-250 Posterior Large (pack of 2)	25mm x 30mm
Suited for treating large bony defects, including ridge augmentation.		



OG-TI250PS-2 20mm x 25mm Ti-250 Posterior Singles (pack of 2) Suited for covering posterior extraction sites and limited ridge augmentation.



OG-TI250PST-2	Ti-250 Posterior Singles T2 (pack of 2)	25mm x 36mm
Designed for grafting extraction sites and limited ridge augmentation.		

Dental Membranes

Cytoplast™ Titanium-Reinforced Dense PTFE Membranes



Cytoplast[™] Titanium-Reinforced Dense PTFE Membranes

ltem Code	Description	Size
OG-TI250PTC-2	Ti-250 Posterior Trans Crestal (pack of 2)	38mm x 38mm
Designed for large bony defects between adjacent teeth, including ridge augmentation.		



OG-TI250XL-2	Ti-250 XL (pack of 2)	30mm x 40mm
	bony defects, including ridge augmentation. La rane for additional rigidity.	arger titanium spans



OG-TI250XLK-2	Ti-250 XLK (pack of 2)	30mm x 40mm
Sized to cover large bony defects, including ridge augmentation. Smaller titanium frame		
allows for greater versatility when shaping.		

Bovine collagen wound dressings

BioPlug and BioStrip



BioPlug and BioStrip are wound dressings made from bovine collagen. They are designed to absorb blood or fluids and to protect the wound, thus supporting optimal healing. Collagen supports the formation of the blood coagulum and contributes to a rapid stabilization of the wound area.²² Because of their haemostyptic effect, collagen wound dressings are used for the stabilization of extraction sockets and biopsy sampling points as well as in the treatment of smaller wounds.

applications include

- extraction sockets
- denture sores
- oral ulcers
- periodontal surgical wounds
- burns
- surgical wounds
- traumatic wounds

Product features

- Fully resorbable in 10 to 14 days
- 10 units per pack
- Packaged sterile

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Soft Tissue Regeneration

NovoMatrix[™] Reconstructive Tissue Matrix



NovoMatrix[™] is an acellular dermal matrix derived from porcine tissue. In surgical application, the tear-resistant and easy-to-handle ^{23,24} matrix is an excellent alternative to autologous connective tissue grafts (CTG). There is no need for an intraoral surgical donor site, which reduces morbidity for the patient.

Owing to the manufacturing process, the matrix is free of donor cells. At the same time, the structure of the source tissue remains virtually unchanged, thus supporting the ingrowth of cells and micro-vessels. Proprietary tissue processing enables optimal cell repopulation and revascularization through gentle preparation, resulting in esthetic soft tissue regeneration 29 . NovoMatrix^m is supplied pre-hydrated in a patented aqueous phosphate-buffered solution containing matrix stabilizers and can therefore be used promptly without requiring extensive rehydration ³.

Ideal for following indications³

- Increase in attached tissue around teeth and implants
- Reconstruction of the alveolar ridge for prosthetic restoration
- Guided tissue regeneration in recession defects for root coverage

Product features

- The LifeCell[™] tissue preparation process results in rapid revascularization.
- Consistent tissue thickness at all times
- Pre-hydrated ready-to-use out of the package following a 2-minute soak in sterile saline or lactated Ringer's solution³
- Store at -8 °C to +30 °C ³

NovoMatrix™ Reconstructive Tissue Matrix

ltem code	1
NOVO-1.5X1.5	1.5 x
NOVO-1.5X2.5	1.5 x
NOVO-1.5X4.5	1.5 x



Further information, videos and clinical case studies at www.biohorizonscamlog.com/novomatrix

1.5cm 2.5cm 4.5cm

Advantages of NovoMatrix[™] application

Shorter surgery time

The ready-to-use collagen matrix shortens surgery time by eliminating the need for a second donor site $^{\rm 26}. \,$

Lower patient morbidity

Avoiding a donor site on the palate eliminates the post-operative pain associated with a second procedure $^{\rm 26-28}\!.$

Excellent tissue integration

The application of NovoMatrix[™] supports rapid revascularization, cellular repopulation and minimal inflammatory reactions ^{25, 29-31}.

Natural tissue and color structure

The application of NovoMatrix[™] demonstrates irritation-free healing and very good adaptation of the color and tissue structure to the natural surrounding tissue ³².

Rapid and complication-free healing of soft tissue

The application of NovoMatrix™ supports a positive immunological reaction as well as tissue integration and regeneration ^{25, 30, 31, 33}.

Bone fixation and membrane stabilization

truFIX System



The truFIX System, distributed by BioHorizons Camlog, offers you everything you need for the fixation of bone blocks and plates as well as the stabilization of membranes. This system incorporates all the necessary components to pick up and drive the truSCREW and truTACK. The truFIX system eliminates the need for multiple systems and unnecessary components, making it user-friendly for your practice.

Product features

- True centered locking connection
- True axial alignment with pickup each time
- truSCREW: self-drilling screw developed for easy insertion with maximum fixation
- truSCREW: Removal Sleeve for disengaging the screw from the driver without damaging screw head
- truTACK: hexagon driver head and barbed tip to pierce without drilling for simple tack insertion and easy screw-like removal
- Easy insertion and easy screw-like removal of the truTACK

The truFIX System includes:

- 1 truFIX Tray (empty)
- 2 truFIX Driver Handle, 98 mm (3.875") long
- 3 truTACK Driver Tip (includes blue Tip Cover)
- 4 truSCREW Driver Tip
- 5 truSCREW Driver Removal Sleeve
- 6 truSCREW Driver Tip, Contra-Angle
- 7 CA 2-Step Countersink Bur, 0.8 mm and 1.6 mm Steps
- 8 1.1 mm Pilot Twist Drill, 29.8 mm
- 9 Pilot Bur, 0.45 mm, 27 mm long, Contra Angle
- 10 External Hex Hand Driver, 0.88 mm
- 11 truSCREW Packaging Removal Tool

(also available separately)

Optional:

truFIX Small Driver Handle, 89 mm (3.5") long

(sold separately)



See Product Overview at the end for all the product options and codes for TruFIX.

truTACK, truSCREW and truTENT



The truTACK makes the stabilization of membranes quick and troublefree. Our unique tack incorporates a hexagon on its head and threads on its shaft, allowing for easy removal. The truTACK is placed like a tack and removed like a screw, a feature that you will not find in any other system.

The truSCREW, with its aggressive cutting flutes, is the ideal bone screw for the fixation of small bone within the oral and maxillofacial environment. These cutting flutes (in most instances) eliminate the need for any pre-drilling. The design of the screw ensures an effortless insertion into all types of bone.

The truTENT is a refinement of the truSCREW. Its raised collar and wider head is designed to support a membrane or titanium mesh during augmentation procedures.

truTACK - Bone Tacks (head Ø 2.5 mm)

- Thread Ø 0.7 mm / Total length 3.0 mm (pack of 10)
- Thread Ø 0.7 mm / Total length 5.0 mm (pack of 10)

truSCREW - Bone Screws (head Ø 3.0 mm)

- Thread Ø 1.2 mm / Total length 4.5 mm (pack of 5)
- Thread Ø 1.2 mm / Total length 6.0 mm (pack of 5)
- Thread Ø 1.2 mm / Total length 7.5 mm (pack of 5)
- Thread Ø 1.2 mm / Total length 9.0 mm (pack of 5)
- Thread Ø 1.2 mm / Total length 10.5 mm (pack of 5)
- Thread Ø 1.5 mm / Total length 6.0 mm (pack of 5)
- Thread Ø 1.5 mm / Total length 7.5 mm (pack of 5)
- Thread Ø 1.5 mm / Total length 9.0 mm (pack of 5)
- Thread Ø 1.5 mm / Total length 10.5 mm (pack of 5)
- Thread Ø 1.5 mm / Total length 12.0 mm (pack of 5)
- Thread Ø 1.5 mm / Total length 13.5 mm (pack of 5)
- Thread Ø 1.5 mm / Total length 15.0 mm (pack of 5)
- Thread Ø 2.0 mm / Total length 6.0 mm (pack of 5)
- Thread Ø 2.0 mm / Total length 7.5 mm (pack of 5)
- Thread Ø 2.0 mm / Total length 9.0 mm (pack of 5)
- Thread Ø 2.0 mm / Total length 10.5 mm (pack of 5)
- Thread Ø 2.0 mm / Total length 12.0 mm (pack of 5)
- Thread Ø 2.0 mm / Total length 13.5 mm (pack of 5)
- Thread Ø 2.0 mm / Total length 15.0 mm (pack of 5)

truTENT – Tenting Screws (head Ø 5.0 mm)

- Thread Ø 1.5 / Total length 10.0 mm / Collar height 4.0 mm
- Thread Ø 1.5 / Total length 12.0 mm / Collar height 6.0 mm
- Thread Ø 1.5 / Total length 14.0 mm / Collar height 8.0 mm

Titanium Meshes

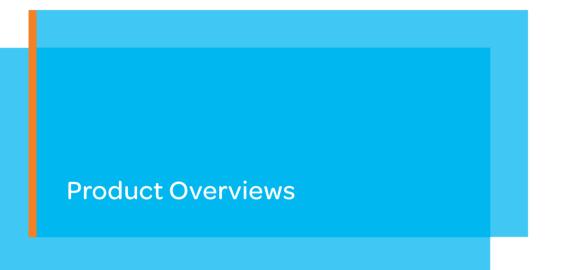


For the reconstruction of extensive combined bony alveolar ridge defects, the use of titanium meshes is advantageous. They serve as a cage to preserve the space created for the augmentate for regeneration. The meshes are adapted intraoperatively to the defect, filled with augmentation material and fixed in positionally stable with screws. They have no barrier function. The titanium meshes are available in different sizes and structures as flat meshes. Depending on the indication, implantation can be performed on one or two sides.

- Titanium Micro Mesh, 120 × 60 mm, 0.1 mm thick
- Titanium Micro Mesh, 34 × 25 mm, 0.1 mm thick
- Titanium Micro Mesh, 152 × 66 mm, 0.2 mm thick
- Titanium Single Butterfly Tenting Mesh, 30×80 mm, 0.25 mm thick
- Titanium Tenting Mesh, 13 \times 33 mm, 0.2 mm thick
- Titanium Custom Tenting Mesh, 13×33 mm, 0.2 mm thick
- Titanium Tenting Mesh, 7 × 14 mm, 0.2 mm thick

See Product Overview at the end for all the product options and codes for TruTACK, TruSCREW, TruTENT and Titanium Meshes.







Bone graft substitutes



Allograft

MinerOss® A Cancellous Granulate (human bone graft substitute)

ltem Code	Volume	Particle size
BM1007.1005	0.5 cm ³	250–1000 µm
BM1007.1010	1.0 cm ³	250–1000 µm
BM1007.1020	2.0 cm ³	250–1000 µm
BM1007.1040	4.0 cm ³	250–1000 µm

MinerOss® A Cortico-cancellous Granulate (human bone graft substitute)

Item Code	Volume	Particle size
BM1008.1005	0.5 cm ³	250–1000 µm
BM1008.1010	1.0 cm ³	250–1000 µm
BM1008.1020	2.0 cm ³	250–1000 µm
BM1008.1040	4.0 cm ³	250–1000 μm

MinerOss® A Cancellous Block (human bone graft substitute)

ltem Code	Product size
BM1010.1010	10 × 10 × 10 mm
BM1010.1020	10 × 10 × 20 mm

MinerOss[®] A Unicortical Block (human bone graft substitute)

Item Code	Product size
BM1009.1010	10 × 10 × 10 mm
BM1009.1020	10 × 10 × 20 mm

MinerOss® A Cortical Strut (human bone graft substitute)

Item Code	Product size
BM1010.1000	25 × 10 × 1 mm



SynMax[®] (synthetic bone graft substitute)

ltem Code	Volume	Particle size
BM1013.1005	0.5 cm ³	500–1000 µm
BM1013.1010	1.0 cm ³	500–1000 µm
BM1014.1005	0.5 cm ³	800–1500 μm
BM1014.1020	2.0 cm ³	800–1500 μm





Bone graft substitutes



MinerOss® XP Cancellous Syringe (Applicator)

ltem Code	Volume	Particle size
MINXP-SYR0.5	0.5 cm ³	250–1000 µm

MinerOss® XP Cancellous (porcine bone graft substitute)

Item Code	Volume	Particle size
MINXP-CAN0.5SM	0.5cc	250–1000 µm
MINXP-CAN1.0SM	1cc	250–1000 µm
MINXP-CAN2.0SM	2cc	250–1000 µm
MINXP-CAN4.0SM	4cc	250–1000 µm
MINXP-CAN1.0LG	1cc	1000–2000 µm
MINXP-CAN2.0LG	2cc	1000–2000 µm





MinerOss® X Cancellous (bovine bone graft substitute)

ltem Code	Weight / Volume	Particle size
MINX-CAN0.25GR	0.25 g / 0.6 cm ³	250–1000 µm
MINX-CAN0.5GR	0.5 g / 1.2 cm ³	250–1000 µm
MINX-CAN1.0GR	1.0 g / 2.4 cm ³	250–1000 µm
MINX-CAN2.0GR	2.0 g / 4.7 cm ³	250–1000 µm
MINX-CAN0.25GRL	0.25 g / 0.9 cm ³	1000–2000 µm
MINX-CAN0.5GRL	0.5 g / 1.7 cm ³	1000–2000 µm
MINX-CAN1.0GRL	1.0 g / 3.4 cm ³	1000–2000 µm
MINX-CAN2.0GRL	2.0 g / 6.8 cm ³	1000–2000 µm

MinerOss[®] X Cancellous Syringe (Applicator)

Item Code	Volume	Particle size
MINX-SYR0.5	0.5 cm ³	250–1000 µm



Membranes



Striate+[™] (porcine collagen membrane)

Item Code	Product size
OCG-152	15 × 20 mm
OCG-203	20 × 30 mm
OCG-304	30 × 40 mm

Mem-Lok[®] Pliable (porcine collagen membrane)

Item Code	Product size
PBLE-ML1520	15 × 20 mm
PBLE-ML2030	20 × 30 mm
PBLE-ML3040	30 × 40 mm



Mem-Lok[®] RCM (bovine collagen membrane)

Item Code	Product size
RCM-ML1520	15 × 20 mm
RCM-ML2030	20 × 30 mm
RCM-ML3040	30 × 40 mm



Synthetic

PermaPro[®] (synthetic PTFE membrane)

Art. No.	Product size
BM2005.1520	15 × 20 mm
BM2005.2030	20 × 30 mm
BM2005.3040	30 × 40 mm









Membranes



Synthetic





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



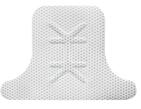
Ti-250 Posterior Distal 38mm x 38mm



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

Cytoplast Titanium-Reinforced Dense PTFE Membrane size reference

Membranes



Synthetic

Cytoplast[™] Titanium-Reinforced Dense PTFE Membranes

Item Code	Item Description	Product size
OG-TI250ANL-2	Ti-250 Anterior Narrow (pack of 2)	12mm x 24mm
Coverage of narrow single-tooth extraction sites, especially where one bony wall is missing.		

OG-TI250AS-2	Ti-250 Anterior Singles (pack of 2)	14mm x 24mm	
Coverage of single-toot are missing.	Coverage of single-tooth extraction sites, especially where one or more bony walls		

OG-TI250ATC-2	Ti-250 Anterior Trans Crestal (pack of 2)	24mm x 38mm
Designed for bony defects between adjacent teeth, including ridge augmentation.		

OG-TI250BL-2	Ti-250 Buccal (pack of 2)	17mm x 25mm
Treatment of large buccal defects.		

OG-TI250PD-2	Ti-250 Posterior Distal (pack of 2)	38mm x 38mm
Designed for large bony defects, including distal extension of the posterior ridge.		posterior ridge.

OG-TI250PL-2Ti-250 Posterior Large (pack of 2)25mm x 30mmSuited for treating large bony defects, including ridge augmentation.

OG-TI250PS-2	Ti-250 Posterior Singles (pack of 2)	20mm x 25mm
Suited for covering posterior extraction sites and limited ridge augmentation.		

OG-TI250PST-2	Ti-250 Posterior Singles T2 (pack of 2)	25mm x 36mm
Designed for grafting ex	traction sites and limited ridge augmentation	1.

OG-TI250PTC-2	Ti-250 Posterior Trans Crestal (pack of 2)	38mm x 38mm
Designed for large bony defects between adjacent teeth, including ridge augmentation.		

OG-TI250XL-2	Ti-250 XL (pack of 2)	30mm x 40mm
Sized to cover very large bony defects, including ridge augmentation. Larger titanium spans more of the PTFE membrane for additional rigidity.		on. Larger titanium

OG-TI250XLK-2	Ti-250 XLK (pack of 2)	30mm x 40mm
Sized to cover large bony defects, including ridge augmentation. Smaller titanium frame allows for greater versatility when shaping.		maller titanium



Wound dressings



BioPlug and BioStrip (bovine collagen wound dressings)

ltem Code	Product size	
BIOPLUG	10 × 20 mm	Pack of 10
BIOSTRIP	25 × 75 mm	Pack of 10



25 × 75 mm (BioStrip size reference)

1cm x 2cm (BioPlug size)

Product overview

Soft Tissue Regeneration



NovoMatrix[®] (porcine, acellular dermal matrix)

Item Code	Product size
NOV1515	15 × 15 mm
NOV1525	15 × 25 mm
NOV1545	15 × 45 mm
NOV2545	25 × 45 mm



25 × 45 mm

15 × 15 mm

15 × 25 mm

15 × 45 mm



Bone fixation and membrane stabilization

truFIX System (starter set)

Item Code	Product Description
45418015K	truFIX System (consisting of Tray / Instruments 1–11) truTACK 3.0mm (10 pack) truSCREW 1.2mm / 9mm (5 pack) truSCREW 1.2mm / 10.5mm (5 pack) truSCREW 1.5mm / 9mm (5 pack)

truFIX System (complete)

Item Code	Product Description
45418015	truFIX System (consisting of Tray / Instruments 1-11)

Tray / Instruments truFIX System

Item Code	Product Description
45418501	1 truFIX Tray (empty)
45419001	2 truFIX Driver Handle, 98 mm (3.875") long
45417001	3 truTACK Driver Tip (includes blue Tip Cover)
45415001	4 truSCREW Driver Tip
45417901	5 truSCREW Driver Removal Sleeve
45415201	6 truSCREW Driver Tip, Contra-Angle
45440203	7 CA 2-Step Countersink Bur, 0.8 mm and 1.6 mm Steps
45440202	8 1.1 mm Pilot Twist Drill, 29.8 mm
502700045	9 Pilot Bur, 0.45 mm, 27 mm long, Contra Angle
20157702	10 External Hex Hand Driver, 0.88 mm
45450201	11 truSCREW Packaging Removal Tool
45419501	truFIX Small Driver Handle, 89 mm (3.5") long (optional)

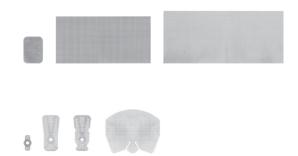
Titanium Meshes (Grade 1, non-sterile, non-resorbable)

Item Code	Product Description
00039429	Titanium Micro Mesh, 34 × 25 mm, 0.1 mm thick
00039430	Titanium Micro Mesh, 120 \times 60 mm, 0.1 mm thick
00039433	Titanium Micro Mesh, 152 × 66 mm, 0.2 mm thick
00039434	Titanium Tenting Mesh, 7×14 mm, 0.2 mm thick
00039440	Titanium Tenting Mesh, 13×33 mm, 0.2 mm thick
00039442	Titanium Custom Tenting Mesh, 13 × 33 mm, 0.2 mm thick
00039444	Titanium Single Butterfly Tenting Mesh, 30×80 mm, 0.25 mm thick









Bone fixation and membrane stabilization

truTACK (Bone Tacks, head Ø 2.5 mm, sterile, single-use)

ltem Code	Thread Ø / Total length	Pack size
09600313	0.7 mm / 3.0 mm	Pack of 10
09600314	0.7 mm / 5.0 mm	Pack of 10

truSCREW (Bone Screws, head Ø 3.0 mm, sterile, single-use)

Item Code	Thread Ø / Total length	Pack size
45427202	1.2 mm / 4.5 mm	Pack of 5
45427203	1.2 mm / 6.0 mm	Pack of 5
45427204	1.2 mm / 7.5 mm	Pack of 5
45427205	1.2 mm / 9.0 mm	Pack of 5
45427206	1.2 mm / 10.5 mm	Pack of 5
45427502	1.5 mm / 6.0 mm	Pack of 5
45427503	1.5 mm / 7.5 mm	Pack of 5
45427504	1.5 mm / 9.0 mm	Pack of 5
45427505	1.5 mm / 10.5 mm	Pack of 5
45427506	1.5 mm / 12.0 mm	Pack of 5
4542.7507	1.5 mm / 13.5 mm	Pack of 5
45427508	1.5 mm / 15.0 mm	Pack of 5
45428002	2.0 mm / 6.0 mm	Pack of 5
45428003	2.0 mm / 7.5 mm	Pack of 5
45428004	2.0 mm / 9.0 mm	Pack of 5
45428005	2.0 mm / 10.5 mm	Pack of 5
4542.8006	2.0 mm / 12.0 mm	Pack of 5
45428007	2.0 mm / 13.5 mm	Pack of 5
45428008	2.0 mm / 15.0 mm	Pack of 5

truTENT (Tenting Screws, head Ø 5.0 mm, sterile, single-use)

ltem Code	Thread Ø / Total length	Collar height
45431001	1.5 mm / 10.0 mm	4.0 mm
45431002	1.5 mm / 12.0 mm	6.0 mm
45431003	1.5 mm / 14.0 mm	8.0 mm







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