Biomaterials@Straumann®.

When one option is not enough.

dental
bone & tissue
regeneration

botiss
biomaterials

straumann
simply doing more

Content

Biomaterials@Straumann®.

When one option is not enough.

Decades of experience in dentistry and oral regeneration propelled us to understand and meet the diversity of needs, indications and preferences. The right solution in implantology and periodontology is designed to fit the individual. Straumann offers an exceptional range of biomaterials that meet your expectations and those of your patients. Ask for options. Contact Straumann.

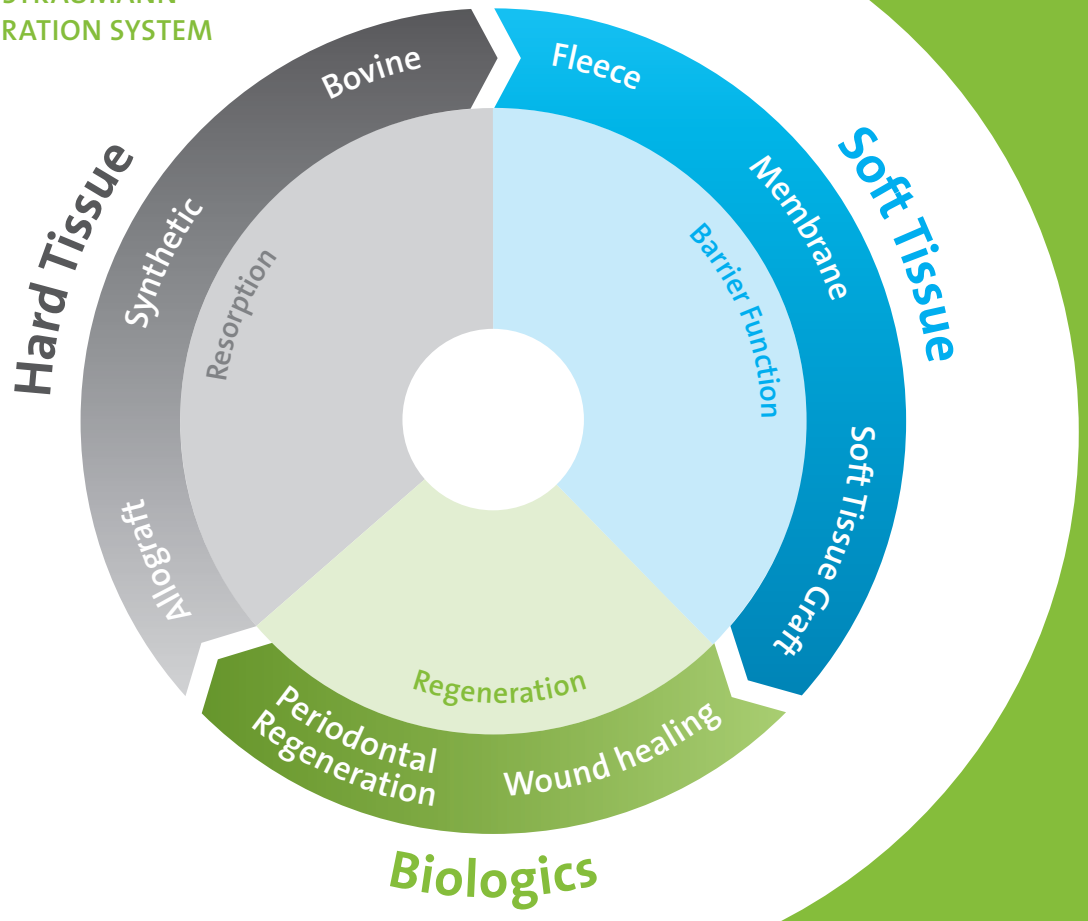
BIOMATERIALS@STRAUMANN®. MORE REGENERATIVE OPTIONS FOR THE RIGHT CHOICE.

Treatment concepts in modern dentistry are getting more complex taking a holistic view on the clinical situation and the desired outcome. We believe that providing complete solutions for tooth replacement will help you achieve the best possible results.
One-size-fits-all is not enough. Your daily practice shows that you need a complete range of integrated regenerative solutions with predictable positive outcomes for all biological situations and indications in implantology and periodontology.

STRAUMANN AND BOTISS BIOMATERIALS OFFER AN UNPARALLELED RANGE OF REGENERATIVE SOLUTIONS TO SUPPORT IMPLANT AND PERIODONTAL PROCEDURES.

From bone augmentation to esthetically optimal soft tissue results, we offer you a substantial range of long-term proven biological materials (bovine, synthetic, allografts, collagen, granules, blocks, membranes, soft tissue matrices) and Straumann® Emdogain®, the unrivaled biological solution for periodontology.
Engineered to predictably and reliably regenerate soft and hard tissue, this expanding range of flexible solutions is designed to provide patients with the functional and esthetic result they desire.
It is the total solution for regeneration that can potentially elevate the patient experience and your practice success.

BOTISS/STRAUMANN
REGENERATION SYSTEM



A DIFFERENTIATED PORTFOLIO FOR HARD TISSUE RECONSTRUCTION. MORE OPTIONS.

Straumann bone regeneration biomaterials offer predictable remodeling and resorption, so you can pick the product that best meets your specific clinical needs such as the size of defect or stability:

botiss cerabone®, derived from bovine bone, predictably integrates into the newly formed bone matrix providing a strong and long-lasting scaffold to support implants.

botiss maxgraft® allograft is a matrix most similar to a patient's own bone with a high osteoconductive potential. The maxgraft® product family comes with an impressive track record on safety and efficacy.

Synthetic Straumann® BoneCeramic™ and botiss maxresorb® combine the demands of regenerated vital bone and volume preservation. They are the convenient alternative when human- or animal-derived materials are not an option.

A DIFFERENTIATED PORTFOLIO FOR THE MANAGEMENT OF SOFT TISSUE. MORE OPTIONS.

Predictable long-term clinical results and perfect esthetic outcomes require an adequate hard and soft tissue management. And the right choice of products.

The botiss Jason® membrane, made from porcine pericardium, features a delayed degradation behavior. Therefore it is the membrane of choice for larger augmentation procedures within the Biomaterials@Straumann® portfolio. The botiss collprotect® membrane, due to its natural structure, has a hemostatic effect and supports early wound stabilization and healing.

The soft tissue graft botiss mucoderm® is a 3-dimensional collagen tissue matrix derived from porcine dermis that supports fast revascularization and soft tissue integration. It is the valid alternative to the patient's own soft or connective tissue in certain indications. It will be integrated into the patient's own tissue within 6 to 9 months.

botiss Jason® fleece and botiss collacone® are our two collagen products for oral wound management with an inherent hemostyptic effect.

STRAUMANN® EMDOGAIN®, THE UNRIVALED SOLUTION FOR SOFT AND HARD TISSUE MANAGEMENT. THE ONE OPTION.

Soft tissue healing and attachment are essential success factors both in periodontology and implantology. With its unique biologic potential to accelerate healing, Emdogain® has established itself as the unrivaled solution to induce the true regeneration of teeth supporting periodontal tissues lost due to trauma or disease.

In addition the proteins in Emdogain® accelerate early healing of oral surgical wounds in general. Therefore it helps to achieve best results possible and to minimize patient discomfort of esthetic and invasive oral surgical procedures.

Bovine

botiss cerabone®

Natural bovine bone grafting material

Courtesy of Dr. Viktor Kalenchuk, Chernivtsi/Ukraine

cerabone® provides dependable stability and strength and predictably integrates into newly formed bone ensuring volume maintenance and a strong, long-lasting matrix to support the successful placement of dental implants.

- Demonstrated biocompatibility in more than 500 000 successful augmentation procedures
- Clinicians' first choice to esthetically preserve and restore the volume of the treatment site

FEATURES AND BENEFITS

- Safe and sterile xenogenic, phase pure hydroxyapatite (HA) without organic components
- Rough and open porous structure is similar to native human bone allowing for bone ingrowth and vascular penetration
- Osteoconductive
- Excellent hydrophilicity enabling rapid uptake of blood
- Fast and controlled osseous integration
- Long-term 3-dimensional graft stability
- No foreign body or inflammatory reaction
- Easy handling

cerabone® is best suited for

Implantology, oral surgery and periodontology and craniomaxillofacial surgery (CMS)

Indications

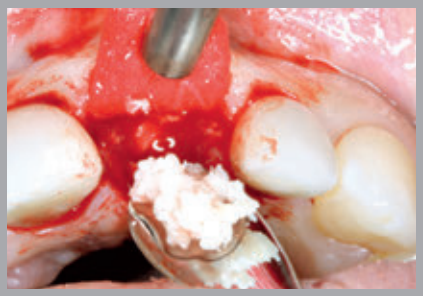
- Sinus lift
- Horizontal augmentation
- Intraosseous defects
- Peri-implant defects
- Extraction sockets
- Vertical augmentation
- Furcation defects

Available in the following sizes

Art.No.	Particle size	Content
BO-1510	0.5–1.0 mm	1 × 0.5 cc (ml)
BO-1511	0.5–1.0 mm	1 × 1.0 cc (ml)
BO-1512	0.5–1.0 mm	1 × 2.0 cc (ml)
BO-1515	0.5–1.0 mm	1 × 5.0 cc (ml)
BO-1520	1.0–2.0 mm	1 × 0.5 cc (ml)
BO-1521	1.0–2.0 mm	1 × 1.0 cc (ml)
BO-1522	1.0–2.0 mm	1 × 2.0 cc (ml)
BO-1525	1.0–2.0 mm	1 × 5.0 cc (ml)

Allograft

botiss maxgraft® granules and blocks
Processed human allograft



Courtesy of Dr. Algirdas Puišys, Vilnius/Lithuania

maxgraft® allograft is the safe and established alternative to autologous bone. maxgraft® granules are 100 % derived from living donor bone processed under pharmaceutical conditions by the Cells and Tissue Bank Austria (C+TBA). It's the safe and trusted bone regeneration solution most similar to a patient's own bone and has been shown to deliver strong structural support, rapid bone regeneration, and volume preservation with a high osteoconductive potential.

FEATURES AND BENEFITS

- Donors accepted from selected central European countries which have successfully transferred Directive 2004/23/EU into national law
- Osteoconductive properties support natural and controlled tissue remodeling
- A true alternative to autologous bone, eliminating donor site complications such as morbidity, infection or post-operative pain
- Excellent biological regeneration capability
- Storable at room temperature for 5 years (from date of irradiation)
- Shown to deliver rapid bone regeneration
- Impressive track record on safety and efficacy

maxgraft® granules and blocks are best suited for

Implantology, periodontology and oral and cranio-maxillofacial (CMF) surgery

Indications

- Ridge augmentation, ridge reconstruction
- Filling of osseous defects
- Extraction sockets
- Sinus floor elevation

Available in the following sizes

maxgraft® cancellous granules		
Art.No.	Particle size	Content
BO-30005	0.5–2.0 mm	1 × 0.5 cc (ml)
BO-30010	0.5–2.0 mm	1 × 1.0 cc (ml)
BO-30020	0.5–2.0 mm	1 × 2.0 cc (ml)
BO-30040	0.5–2.0 mm	1 × 4.0 cc (ml)

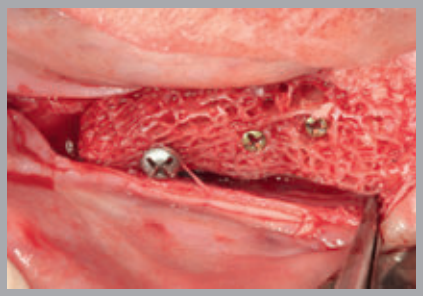
maxgraft® cortico-cancellous granules		
Art.No.	Particle size	Content
BO-31005	0.5–2.0 mm	1 × 0.5 cc (ml)
BO-31010	0.5–2.0 mm	1 × 1.0 cc (ml)
BO-31020	0.5–2.0 mm	1 × 2.0 cc (ml)
BO-31040	0.5–2.0 mm	1 × 4.0 cc (ml)

maxgraft® cancellous blocks		
Art.No.	Dimension	Content
BO-32111	10 × 10 × 10 mm	1 × block
BO-32112	20 × 10 × 10 mm	1 × block

maxgraft® uni-cortical blocks		
Art.No.	Dimension	Content
BO-31111	10 × 10 × 10 mm	1 × block
BO-31112	20 × 10 × 10 mm	1 × block

Allograft

botiss maxgraft® bonebuilder
Customized allogenic bone block



Courtesy of Dr. Markus Schlee, Forchheim/Germany

The maxgraft® bonebuilder is a new innovative, customized allogenic bone block which is individually designed and adjusted to the desired 3-dimensional bone contour. Based on planning data and clinician-approved, the bonebuilder is produced by a milling machine and is provided in a sterile condition ready for implantation.

The bonebuilder is the ideal bone substitute to rebuild 3-dimensional defects and to reconstruct the ridge, allowing a patient friendly treatment.

- Easy to apply because it is designed to fit perfectly to the recipient site
- Saves chair-site time compared to autologous blocks
- Reduces pain medication and post-operative complications due to reduced surgical time
- Maximum contact between graft and bone for improved vascularization
- Eliminates the need to harvest autologous bone, reducing patient morbidity and discomfort

FEATURES AND BENEFITS

- Physiological structure provides ideal matrix for revascularization and osseous integration
- Maximum contact area between graft and the bone is ensured; fast vascularization and integration of the graft is supported
- The natural collagen content leads to an increased flexibility which facilitates screw fixation

maxgraft® bonebuilder is best suited for
Implantology, oral and maxillofacial surgery

Indications

- Extensive bone defects
- Atrophic maxilla/mandibula
- Horizontal/vertical augmentation

Available in the following sizes

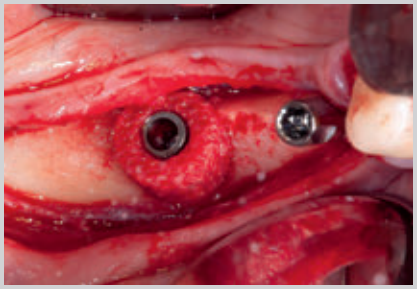
Art.No.	Size
PMIa	Individual planning and production of a bone transplant max. dimension 23 × 13 × 13 mm

Dr. Stephan Euler,
specialist in oral and maxillofacial surgery,
Bayreuth/Germany

«Thanks to professional cooperation and good planning agreements, we can reconstruct complex alveolar ridge defects almost entirely using minimally invasive treatment. The healing results are impressive and open up implantology opportunities for high-quality prosthetic concepts. This creates enormous added value for patients and treatment providers.»

Allograft

botiss maxgraft® bonering
Processed allogenic bonering



Courtesy of Dr. Berndhard Giesenhagen, Kassel/Germany

The maxgraft® bonering is a pre-fabricated ring of processed allogenic donor bone, which is placed press-fit into a trephine drill-prepared ring bed.

The bonering with its technique is your innovative solution for 3-dimensional vertical augmentation of bone defects with a single-stage graft and implant placement. The simultaneous implant placement saves you and your patient time and a surgical step compared to a conventional bone block.

- Reduces chair time by 45 to 60 minutes
- Eliminates the need for second harvesting site with all associated complications of autogenous blocks
- Increases the possibility of a shorter time-to-teeth, and reduces overall treatment costs

FEATURES AND BENEFITS

- Simultaneous bone augmentation and implant placement significantly reduces treatment time compared with a bone block
- Ring design is ideally suited for reconstruction of the anatomical shape of the jaw

Dr. Bernhard Giesenhagen, implantologist and academic teaching partner at Johann Wolfgang Goethe-Universität Frankfurt/ Germany

«I've been using the bone ring technique since 2005 and have so far successfully set more than 1000 autologous and 200 allograft bone rings. The introduction of allograft bone rings into the market has enabled me to reduce surgery time considerably. Clinically, the allograft bone rings have the same success rate as autogenous bone rings. The significant benefits of this technique are that augmentation and implantation can be performed in a single step, it is significantly less invasive than most other augmentation techniques and I can prevent the patient from needing a second procedure, and the healing time is reduced by around six months compared to a bone block.»

Indications

- Vertical augmentation (3-dimensional defects with low-grade horizontal augmentation)
- Single-tooth gap
- Edentulous space
- Sinus lift (not indicated for the Straumann® Bone Level Implant and for implant systems for which an implant cover screw is available that is larger than the coronal implant diameter)

maxgraft® bonering is best suited for
Implantology

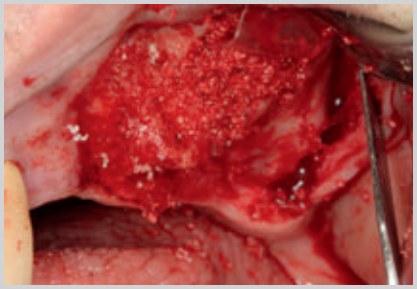
Available in the following sizes

Art.No.	Size
BO-33160	maxgraft® bonering Ø 6.0 mm/3.3 mm, h 10.0 mm
BO-33170	maxgraft® bonering Ø 7.0 mm/3.3 mm, h 10.0 mm
BO-33174	maxgraft® bonering Ø 7.0 mm/4.1 mm, h 10.0 mm

Synthetic

Straumann® BoneCeramic™

Alloplastic biphasic calcium phosphate



Courtesy of Dr. A. Stricker, Konstanz/Germany

One of the best documented alloplastics in the market offers a state-of-the-art scaffold with controlled resorption for vital bone regeneration without compromising on volume preservation.

BoneCeramic™ is an excellent choice for you and your patients in virtually any clinical situation

- Consistent and reproducible quality since it is fully synthetic
- More than 300 000 dental-implant related cases by clinicians around the globe

FEATURES AND BENEFITS

- Safe and sterile biphasic calcium phosphate
- Osteoconductive
- 90 % interconnected porous structure to allow for ingrowth of bone forming cells and nutritive blood vessels
- Slow and controlled resorption properties with a 60/40 mixture of hydroxyapatite (HA) and ß-tricalcium phosphate (ß-TCP)
- Extensively clinically documented in different indications
- Easy handling

BoneCeramic™ is best suited for

Implantology, periodontology and oral surgery

Indications

- Sinus lift
- Bony defects of the alveolar ridge
- Intraosseous defects
- Peri-implant defects
- Extraction sockets

Available in the following sizes

Art.No.	Particle size	Content
070.203	0.4–0.7 mm	1×0.3 cc (ml)
070.204	0.5–1.0 mm	1×1.0 cc (ml)
070.205	0.5–1.0 mm	1×2.0 cc (ml)

Dr. med. dent. Andres Stricker, oral surgeon, Konstanz/Germany

« We have used BoneCeramic™ over 2 500 times and it has become an extremely valuable aid when augmentation measures are called for. Because of its fully synthetic components, constant volume and very high success rate of up to 99.6 %, it has become a standard here. »

Synthetic

botiss maxresorb® & maxresorb® inject

Alloplastic biphasic calcium phosphate

Courtesy of Prof. Dr. Daniel Rothamel, Cologne/Germany

Available as granules and paste maxresorb® makes a difference in handling. Based on the knowledge on synthetic biphasic calcium phosphates maxresorb® comes with a nanostructured surface to provide ideal conditions for the adhesion of osteoblasts.
The slow resorption properties facilitate true bone regeneration.

FEATURES / BENEFITS

- Easy handling
- Available as paste (ready to use)
- Safe and sterile biphasic calcium phosphate
- Osteoconductive
- Slow and controlled resorption properties with a 60/40 mixture of hydroxyapatite (HA) and ß-Tricalciumphosphate (ß-TCP)
- Excellent biocompatibility
- Interconnected porosity

maxresorb® is best suited for
Implantology, periodontology and oral surgery

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

Available in the following sizes

Art.No.	Particle size	Content
BO-20005	0.5–1.0 mm	1 × 0.5 cc (ml)
BO-20010	0.5–1.0 mm	1 × 1.0 cc (ml)
BO-20105	0.8–1.5 mm	1 × 0.5 cc (ml)
BO-20120	0.8–1.5 mm	1 × 2.0 cc (ml)

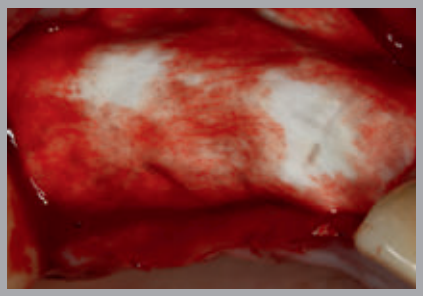
Art.No.	Units injectable	Content
BO-22005	1 × syringe	1 x 0.5 cc (ml)
BO-22010	1 × syringe	1 x 1.0 cc (ml)
BO-22025	1 × syringe	1 x 2.5 cc (ml)

Art.No.	Dimension	Content
BO-21211	20 x 10 x 10 mm	1 x block
BO-21221	20 x 20 x 10 mm	1 x block
BO-20200	Ø7.5 mm; height 15 mm	1 x cylinder
BO-22201	Ø6.0 mm; height 15 mm	1 x cylinder

Porcine

botiss Jason® membrane

Native collagen membrane from porcine pericardium



Courtesy of Prof. Dr. Daniel Rothamel, Cologne/ Germany

The Jason® membrane is a native collagen membrane obtained from porcine pericardium, developed and manufactured for dental tissue regeneration. The advantageous biomechanical and biologic properties of the natural pericardium are preserved during the production process. Due to these unique properties, the Jason® membrane exhibits beneficial handling characteristics such as

- distinct tear resistance despite its low thickness of only 0.1 to 0.25 mm
- easily drapable and adaptable to the bone surface

Due to its natural comb-like and multi-layered collagen structure (with an increased content of collagen type III), the botiss Jason® membrane shows a slow degradation, making it the recommended choice in our portfolio particularly for large augmentative procedures.

FEATURES AND BENEFITS

- High tensile strength allowing for easy fixation (pinning, sewing)
- Thin membrane facilitates soft tissue manipulation, particularly in challenging thin biotypes
- Easily to manipulate and to cut to size even in wet conditions
- Versatile application under dry or wet conditions without having to care about the membrane sticking to itself

Prof. Dr. Daniel Rothamel, Department of Oral and Craniomaxillofacial Plastic Surgery at the University of Cologne/Germany

«After six years of intensive clinical use, the botiss Jason® pericardium membrane has proven to provide the required outcome, especially in larger augmented areas. In my experience, this combination with a slowly resorbable bone graft material provides ideal volume maintenance and bone formation up to the outline of the graft.»

Jason® membrane is best suited for

Implantology, periodontology and oral and craniomaxillofacial (CMF) surgery

Indications

- Implant dehiscence
- Sinus lift
- Protection of the Schneiderian membrane
- Fenestration defects
- Extraction sockets
- Ridge preservation
- Horizontal and vertical augmentation
- Alveolar ridge reconstruction
- Intraosseous defects (1-3 walls) and furcation defects (class III)

Available in the following sizes

Art.No.	Size
BO-681520	15 × 20 mm botiss Jason® membrane
BO-682030	20 × 30 mm botiss Jason® membrane
BO-683040	30 × 40 mm botiss Jason® membrane

Porcine

botiss collprotect® membrane

Native collagen membrane

Courtesy of Dr. Michael Erbshäuser, Mühldorf am Inn/Germany

The collprotect® membrane is a native collagen membrane made of porcine dermis. Its multistep cleaning process ensures the removal of all antigenic and non-collagenous components while, at the same time, preserving its natural collagen structure. The unique processing as well as the open porous/3-dimensional collagen structure of this membrane are the basis for its application in dental bone and tissue regeneration.
The collprotect® membrane is particularly characterized by the following features:

- The natural hemostatic effect supports early wound stabilization and healing
- The porous structure allows for ingrowth of vessels
- The rough and porous structure supports cell attachment

FEATURES AND BENEFITS

- Open porous and 3-dimensional collagen structure
- Simple handling – can be easily cut to size also under wet conditions
- Versatile application under dry or wet conditions without having to care about the membrane sticking to itself

Prof. Dr. Daniel Rothamel, Department of Oral and Craniomaxillofacial Plastic Surgery at the University of Cologne/Germany

« In my clinical experience, the botiss collprotect® membrane is a good membrane for smaller augmentations and coverage of autogenous bone grafts. My animal studies have shown that the membrane supports the early phases of bone formation by selective blood vessel ingrowth but also provides a reliable barrier function. »

collprotect® membrane is best suited for

Implantology, periodontology, oral and craniomaxillofacial (CMF) surgery

Indications

- Protection and coverage of minor perforations of the Schneiderian membrane
- Sinus lift
- Socket preservation
- Horizontal and vertical ridge augmentation
- Fenestration and dehiscence defects
- Intraosseous and furcation defects

Available in the following sizes

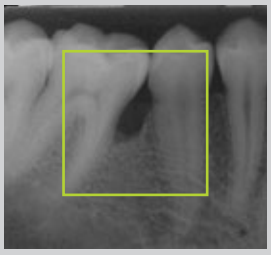
Code	Description
BO-601520	15 × 20 mm botiss collprotect® membrane
BO-602030	20 × 30 mm botiss collprotect® membrane
BO-603040	30 × 40 mm botiss collprotect® membrane

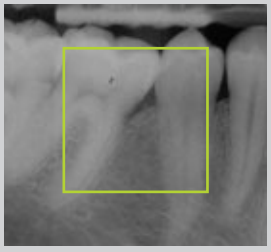
Porcine

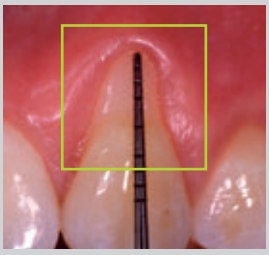
Straumann® Emdogain®
Enamel matrix derivative

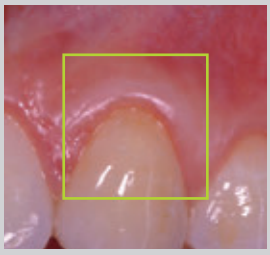
Emdogain® in oral regeneration
Periodontitis is associated with a loss of tooth-supporting tissues which is irreversible and the main reason for tooth loss if left untreated. Emdogain® is the golden standard when it comes to inducing the regeneration of lost periodontal tissues in a safe, easy and predictable way. Long-term clinical studies have demonstrated that Emdogain® can effectively save teeth and revert gingival recessions.

Emdogain® in wound healing
As esthetics, comfort and efficiency become more and more important when it comes to implant dentistry, Emdogain® is the solution you have been searching for. Emdogain® allows accelerated healing, minimizing discomfort for your patients through less swelling, pain, and faster recovery. Further it will initiate a natural recovery that leads to esthetic outcomes.


Before treatment


20 years after treatment with Straumann® Emdogain®


Before treatment


8 months after treatment with Straumann® Emdogain®

Courtesy of Prof. Giovanni Zucchelli

FEATURES AND BENEFITS

- Induces true regeneration of periodontium as evidenced by human histological studies
- Improves wound healing around implants for better soft tissue management
- Patient satisfaction thanks to better tooth prognosis and esthetic results
- Patient comfort thanks to less pain and less swelling
- Easy to apply, even when defect is difficult to access
- Shows less complications compared to membranes

Emdogain® is best suited for
Implantology, periodontology and oral surgery

Indications
- Intrabony defects
- Gingival recessions
- Class I and II furcations
- Oral wound healing

Prof. Dr. David Cochran, implantologist, San Antonio/USA

« Emdogain® is a unique protein mix which influences a number of different cells and different processes. It really helps the wound healing and wound closure in the oral cavity. »

EMDOGAIN® IN NUMBERS:

> 20 years on the market

> 400 clinical & **800** scientific studies

Stable results documented **over 10 years** in 2 indications[3,4]

> 2 million patients treated[1]

< 0.002 % post-surgical complications[2]

1 based on the number of syringes sold to date, globally

2 based on our global post-operative complaint rate

3 McGuire MK, Scheyer ET, Nunn M. Evaluation of human recession defects treated with coronally advanced flaps and either enamel matrix derivative or connective tissue: comparison of clinical parameters at 10 years. J Periodontol. 2012 Nov;83(11):1353-62/

4 Sculean A, et al. Ten-year results following treatment of intra-bony defects with enamel matrix proteins and guided tissue regeneration. J Clin Periodontol. 2008 Sep;35(9):817-24

Available in the following sizes

Art.No.	Article
075.098	Straumann® Emdogain® 0.15 ml contains: 5 × Straumann® Emdogain® 0.15 ml
075.101	Straumann® Emdogain® 0.3 ml contains: 1 × Straumann® Emdogain® 0.3 ml
075.102	Straumann® Emdogain® 0.7 ml contains: 1 × Straumann® Emdogain® 0.7 ml
075.114	Straumann® Emdogain® 0.3 ml Multipack contains: 3 × Straumann® Emdogain® 0.3 ml, 3 × Straumann® PrefGel® 0.6 ml ready-to-use syringe
075.116	Straumann® Emdogain® 0.7 ml Multipack contains: 3 × Straumann® Emdogain® 0.7 ml, 3 × Straumann® PrefGel® 0.6 ml ready-to-use syringe
075.117	Straumann® Emdogain® PLUS contains: 1 × Straumann® Emdogain® 0.7 ml, 1 × Straumann® BoneCeramic™ 400–700, 0.25 g, 1 × Straumann® PrefGel® 0.6 ml ready-to-use syringe
075.203	Straumann® PrefGel® 0.6 ml contains: 5 × Straumann® PrefGel® 0.6 ml ready-to-use syringe

Porcine

botiss Jason® fleece and collacone®
Collagenic hemostatic sponge

Courtesy of Dr. Krzystof Chmielewski, Gdansk/Poland

The Jason® fleece and collacone® support and protect wound healing in early stages and are both easy to apply to the site. Both the Jason® fleece and collacone®:

- Support local stabilization of the blood coagulum at the critical time of healing and minimize the risk of secondary bleeding
- Allow for appropriate tissue integration

FEATURES AND BENEFITS

- Native collagen (type I) with a highly efficient local hemostatic effect
- Stabilizes the coagulum and minimizes the risk of secondary bleeding
- Resorption within approx. 2 to 4 weeks; optimal for wound protection
- Ideal for protecting or covering small defects of the Schneiderian membrane

Dr. med. dent. Robin Edel,
Specialist for oral- and maxillofacial surgery,
Praxis Dr. Wegerhoff & Edel, Remscheid/Germany

« The native and open-pore structure of Jason® fleece and collacone® ideally supports haemostatis by stabilization of the blood clot. After integration of these very easy-to-use products in the maxillofacial surgery department of the St. Lukas hospital in Solingen, we could effectively reduce the incidence of postoperative bleeding complications after tooth extraction in patients with compromized hemostasis. »

Jason® fleece and collacone® are best suited for
Implantology, periodontology, oral and craniomaxillofacial (CMF) surgery

Jason® fleece – Indications

- Minor oral wounds
- Protection of Schneiderian membrane
- Extraction sites
- Mucosal flaps
- Biopsy sites
- Periodontal bone defects

collacone® – Indications

- Closure of extraction sites
- Biopsy sites
- Minor oral wounds
- Control and stop of bleeding in extraction sockets or biopsy sites
- Internal sinus lift

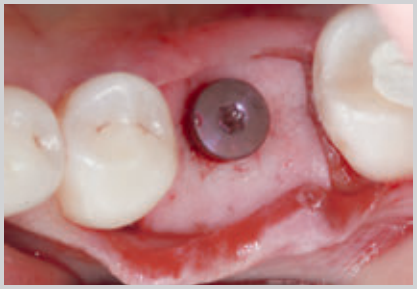
Available in the following sizes

Code	Description
BO-690412	20 × 20 mm Jason® fleece
BO-692510	50 × 50 mm Jason® fleece
BO-511112	16 mm height, width on top 11 mm, bottom width 7 mm, collacone®

Porcine

botiss mucoderm®

3D-soft tissue graft



Courtesy of Dr. Algirdas Puišys, Vilnius/Lithuania

mucoderm® provides a true alternative in certain indications to the patient's own connective tissue. This stable 3-dimensional collagen soft tissue replacement, made of porcine dermis, supports fast revascularization and soft tissue integration, including color and texture. mucoderm® can help you increase patient acceptance:

- Reduces surgical chair-time
- Avoids donor-site morbidity
- Eliminates pain of tissue harvesting

The mucoderm® has been successfully used in more than 20.000 treatments.

FEATURES AND BENEFITS

- 3-dimensional matrix supports fast vascularization and integration
- Complete remodeling into patient's own tissue within 6–9 months – a viable alternative to the patient's own tissue in certain indications
- High tensile strength allows mucoderm® to be shaped and used for any surgical soft tissue techniques (incl. the tunnel technique)

DDS, MSc, PhD Adrian Kasaj,
Specialist in Periodontology, Associate Professor, Department of Operative Dentistry and Periodontology at University of Mainz/ Germany

«Based on my clinical experience and research, the mucoderm® matrix provides an effective and patient-friendly alternative to palatal donor tissue for root coverage procedures and correction of soft tissue deficiencies.»

mucoderm® is best suited for

Implantology, periodontology,
oral and craniomaxillofacial (CMF) surgery

Indications

- Root coverage
- Broadening of attached gingiva
- Soft tissue augmentation/thickening

Available in the following sizes

Code	Description
BO-701520	15 × 20 mm mucoderm®
BO-702030	20 × 30 mm mucoderm®
BO-703040	30 × 40 mm mucoderm®

botiss cerabone®

Available in the following sizes

Art.No.	Particle size	Content
BO-1510	0.5–1.0 mm	1×0.5 cc (ml)
BO-1511	0.5–1.0 mm	1×1.0 cc (ml)
BO-1512	0.5–1.0 mm	1×2.0 cc (ml)
BO-1515	0.5–1.0 mm	1×5.0 cc (ml)
BO-1520	1.0–2.0 mm	1×0.5 cc (ml)
BO-1521	1.0–2.0 mm	1×1.0 cc (ml)
BO-1522	1.0–2.0 mm	1×2.0 cc (ml)
BO-1525	1.0–2.0 mm	1×5.0 cc (ml)

botiss maxgraft® granules and blocks

Available in the following sizes

maxgraft® cancellous granules		
Art.No.	Particle size	Content
BO-30005	0.5–2.0 mm	1×0.5 cc (ml)
BO-30010	0.5–2.0 mm	1×1.0 cc (ml)
BO-30020	0.5–2.0 mm	1×2.0 cc (ml)
BO-30040	0.5–2.0 mm	1×4.0 cc (ml)
maxgraft® cortico-cancellous granules		
Art.No.	Particle size	Content
BO-31005	0.5–2.0 mm	1×0.5 cc (ml)
BO-31010	0.5–2.0 mm	1×1.0 cc (ml)
BO-31020	0.5–2.0 mm	1×2.0 cc (ml)
BO-31040	0.5–2.0 mm	1×4.0 cc (ml)
maxgraft® cancellous blocks		
Art.No.	Dimension	Content
BO-32111	10×10×10 mm	1×block
BO-32112	20×10×10 mm	1×block
maxgraft® uni-cortical blocks		
Art.No.	Dimension	Content
BO-31111	10×10×10 mm	1×block
BO-31112	20×10×10 mm	1×block

botiss maxgraft® bonebuilder

Available in the following sizes

Art.No.	Size
PMIa	Individual planning and production of a bone transplant max. dimension 23×13×13 mm

botiss maxgraft® bonering

Available in the following sizes

Art.No.	Size
BO-33160	maxgraft® bonering Ø 6.0 mm/3.3 mm, h 10.0 mm
BO-33170	maxgraft® bonering Ø 7.0 mm/3.3 mm, h 10.0 mm
BO-33174	maxgraft® bonering Ø 7.0 mm/4.1 mm, h 10.0 mm

Straumann® BoneCeramic™

Available in the following sizes

Art.No.	Particle size	Content
070.203	0.4–0.7 mm	1×0.3 cc (ml)
070.204	0.5–1.0 mm	1×1.0 cc (ml)
070.205	0.5–1.0 mm	1×2.0 cc (ml)

botiss maxresorb® & maxresorb® inject

Available in the following sizes

Art.No.	Particle size	Content
BO-20005	0.5–1.0 mm	1×0.5 cc (ml)
BO-20010	0.5–1.0 mm	1×1.0 cc (ml)
BO-20105	0.8–1.5 mm	1×0.5 cc (ml)
BO-20120	0.8–1.5 mm	1×2.0 cc (ml)
Art.No.	**Dimension**	**Content**
BO-21211	20×10×10 mm	20×10×10 mm
BO-21221	20×20×10 mm	20×20×10 mm
BO-20200	Ø7.5 mm; height 15 mm	Ø7.5 mm; height 15 mm
BO-22201	Ø6.0 mm; height 15 mm	Ø6.0 mm; height 15 mm
Art.No.	**Units injectable**	**Content**
BO-22005	1×syringe	1×0.5 cc (ml)
BO-22010	1×syringe	1×1.0 cc (ml)
BO-22025	1×syringe	1×2.5 cc (ml)

botiss Jason® membrane

Available in the following sizes

Art.No.	Size
BO-681520	15×20 mm botiss Jason® membrane
BO-682030	20×30 mm botiss Jason® membrane
BO-683040	30×40 mm botiss Jason® membrane

botiss collprotect® membrane

Available in the following sizes

Code	Description
BO-601520	15×20 mm botiss collprotect® membrane
BO-602030	20×30 mm botiss collprotect® membrane
BO-603040	30×40 mm botiss collprotect® membrane

Straumann® Emdogain®

Available in the following sizes

	Art.No.	Article
	075.098	Straumann® Emdogain® 0.15 ml contains: 5 × Straumann® Emdogain® 0.15 ml
	075.101	Straumann® Emdogain® 0.3 ml contains: 1 × Straumann® Emdogain® 0.3 ml
	075.102	Straumann® Emdogain® 0.7 ml contains: 1 × Straumann® Emdogain® 0.7 ml
	075.114	Straumann® Emdogain® 0.3 ml Multipack contains: 3 × Straumann® Emdogain® 0.3 ml, 3 × Straumann® PrefGel® 0.6 ml ready-to-use syringe
	075.116	Straumann® Emdogain® 0.7 ml Multipack contains: 3 × Straumann® Emdogain® 0.7 ml, 3 × Straumann® PrefGel® 0.6 ml ready-to-use syringe
	075.117	Straumann® Emdogain® PLUS contains: 1 × Straumann® Emdogain® 0.7 ml, 1 × Straumann® BoneCeramic™ 400–700, 0.25 g, 1 × Straumann® PrefGel® 0.6 ml ready-to-use syringe
	075.203	Straumann® PrefGel® 0.6 ml contains: 5 × Straumann® PrefGel® 0.6 ml ready-to-use syringe

botiss Jason® fleece and collacone®

Available in the following sizes

	Code	Description
	BO-690412	20 × 20 mm Jason® fleece
	BO-692510	50 × 50 mm Jason® fleece
	BO-511112	16 mm height, width on top 11 mm, bottom width 7 mm, collacone®

botiss mucoderm®

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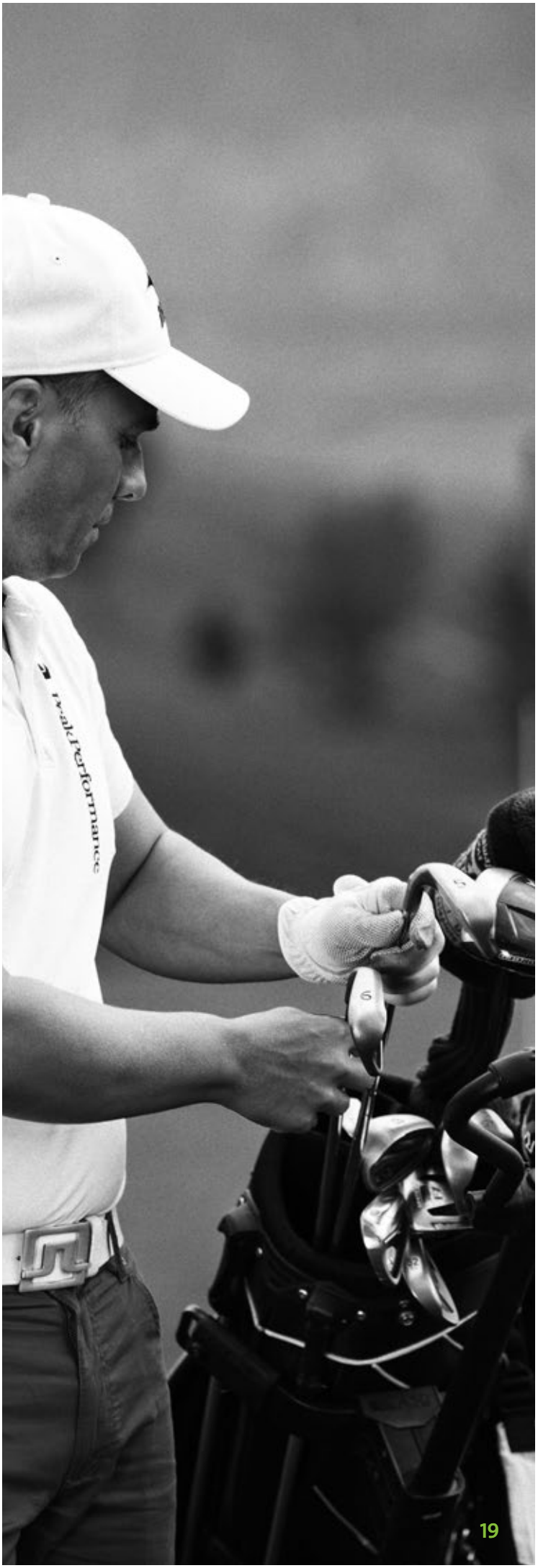

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Straumann distributes both its own regenerative products and those of botiss biomaterials GmbH in selected countries under the name "Biomaterials@Straumann®". Please contact your Straumann local partner for product availability and more information.

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