GÄRÄNTIE®
IMPLANT SYSTEM

BONE REGENERATION MATERIALS

CE 0484

INDEX

MEMBRELLA COLLAGEN

REGAIN-OSS

MAX-FIX SCREWS

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Donarstr. 13 51107 Köln, Germany.
+49 163 3388610

GÄRÄNTIE®
IMPLANT SYSTEM

GARANTIE GMBH is a German leading company in the oral implantology sector . It specializes in manufacturing and designing dental implants, fixation screws, dental instruments and bone regeneration materials. Passion for dentistry and top quality are our belief . Our products designed by professionals of engineering and dentists teamwork for dentists and their visitors.

Quality Control

GARANTIE GmbH packs its products in Clean Rooms / Clean Room, with strict particle controls and environmental control. This environment was designed to maintain the integrity and quality of products.
The dental implants and bone regeneration materials are packaged in ISO 7

* classified room. Contains HEPA filters that ensures 3 .000 particles per cubic meter, with 40 air renovations in two minutes. The prosthetic and surgical components are packed in a clean room classified as ISO 8.

*Classification according to ISO 14644-1.

Garantie GMBH Dental has developed a comprehensive line of materials and tools to improve implant results.

Garantie GMBH Dental's philosophy is always that production starts with the careful selection of raw materials, which are then processed using innovative methods, in order to offer quality products that have passed strict scrutiny by our experts.

Garantie GMBH Dental aims to become your trusted partner for your successful implant practice.

MEMBRELLA -BARRIER COLLAGEN

The membrane is made from natural, highly purified type I and III collagen and bovine elastin. Possesses the increased durability and moderate extensibility. It is indispensable for carrying out operations of scientific and technological revolution and NCR. It has two dissimilar surfaces - smooth and fleecy. The high strength and elasticity of the membrane allows it to be fixed at the implantation site without damaging the structure. Creates a barrier after planting the osteoplastic material and prevents soft tissue migration. The controlled and standardized manufacturing technology of the product guarantees biocompatibility, lack of immune response and stable clinical performance with predictable results. Membrella Barrier Membrane bioresorbable, which avoids surgery to remove it, and consequently, additional trauma to the patient.

MEMBRELLA -BARRIER COLLAGEN

Membrane biocompatibility has been repeatedly proven in experimental studies, and the effectiveness is confirmed by the results of clinical use. Publications describing the results of using this product can be found in the "Publications" section. With the Membrella - Barrier membrane, your bone grafting will always be protected.

INDICATIONS FOR USE

GBR-guided bone regeneration (horizontal augmentation) GBR-guided bone regeneration (vertical augmentation) Creation of a mechanical barrier to prevent the migration of soft tissues; Reconstruction of the alveolar process; Stabilization of the blood clot; Fixation of the osteoplastic material; Closing of the sinus perforations; Closing of the mandibular canal perforations

* (Horizontal augmentation)
*(Vertical augmentation)
* Creation of a mechanical barrier preventing soft tissue migration
* Reconstruction of the alveolar process* Stabilization of the blood clot
* Fixation of osteoplastic material
* Closure of maxillary sinus perforations
* Closure of perforations of the mandibular canal

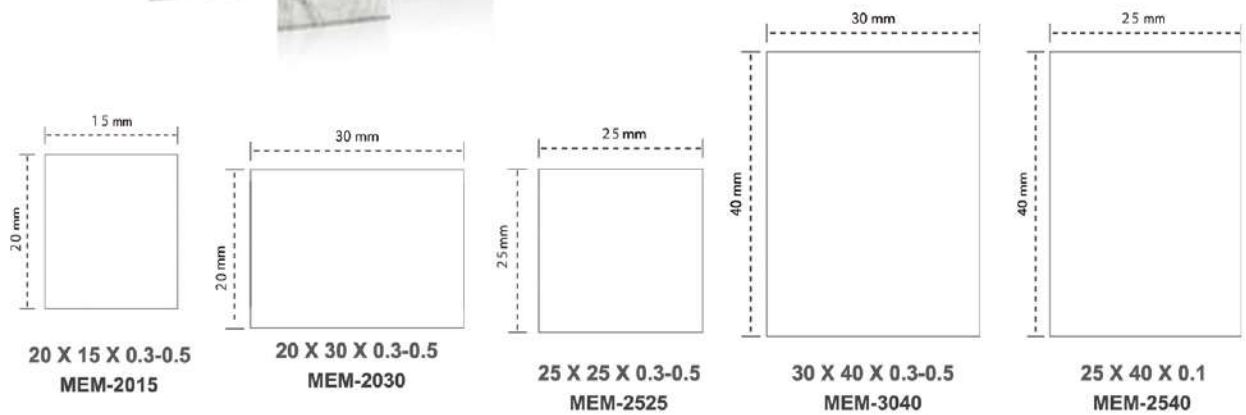
PHYSICAL AND MECHANICAL PROPERTIES

The membrane is convenient to use due to its physical and mechanical properties:

1. It does not always require additional fixation due to its high hydrophilicity.
2. It has high tensile strength and thread cutting strength.
3. Tightly stabilizes the graft even of a small volume.The membrane acts as an exoskeleton and protects the augment from ingrowth of the mucosa. When exposed, the membrane is not infected, the tissues heal by secondary intention.

Origin : Bovine
Thickness: 0.3_0.5
Elasticity : Standard
Resorption: 14_24 weeks
Layers : 2
Strength: 910 mg
Heterogeneity of surface : Yes

ORDER INFORMATION :
20*15 mm
20*30 mm
25*25 mm
30*40 mm
25*40 mm



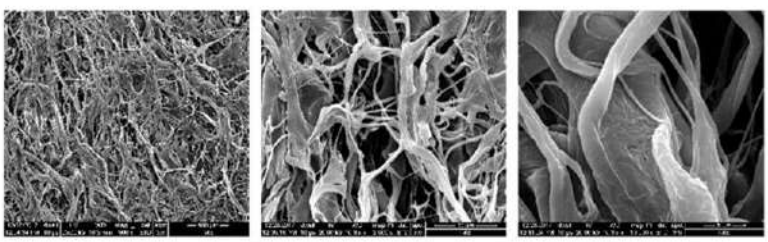
20 X 15 X 0.3-0.5
MEM-2015

20 X 30 X 0.3-0.5
MEM-2030

25 X 25 X 0.3-0.5
MEM-2525

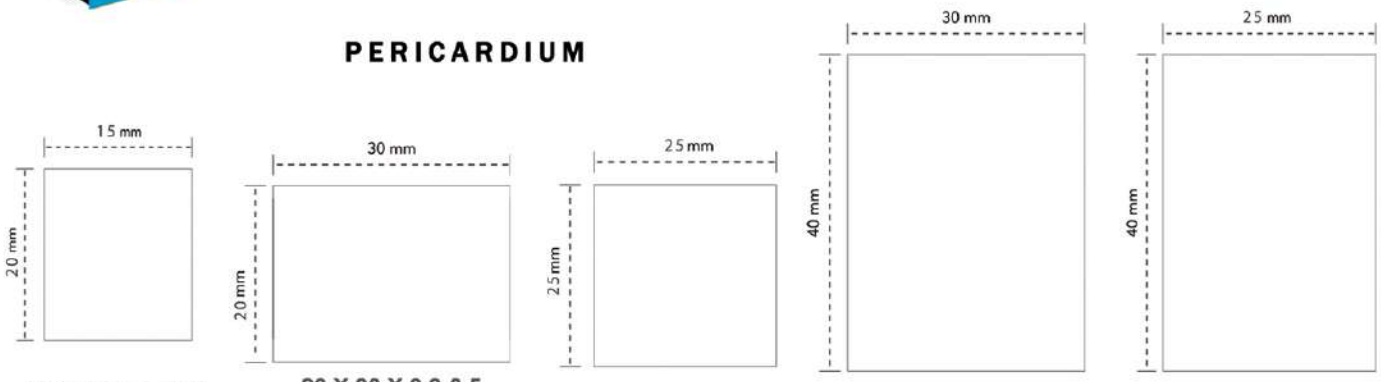
30 X 40 X 0.3-0.5
MEM-3040

25 X 40 X 0.1
MEM-2540



NEW

PERICARDIUM



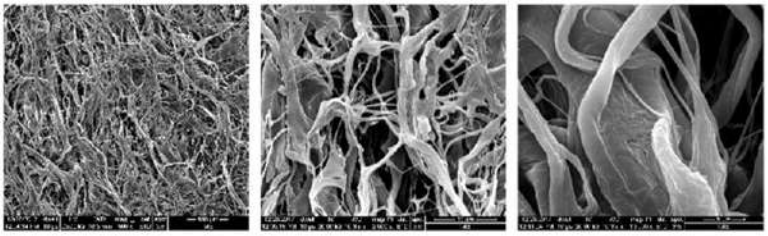
20 X 15 X 0.3-0.5
MEM-2015

20 X 30 X 0.3-0.5
MEM-2030

25 X 25 X 0.3-0.5
MEM-2525

30 X 40 X 0.3-0.5
MEM-3040

25 X 40 X 0.1
MEM-2540



The membrane is made from natural, highly purified type I and III collagen and bovine elastin. Possesses the increased durability and moderate extensibility.
It is indispensable for carrying out operations of scientific and technological revolution and NCR.
It has two dissimilar surfaces - smooth and fleecy.
The high strength and elasticity of the membrane allows it to be fixed at the implantation site without damaging the structure. Creates a barrier after planting the osteoplastic material and prevents soft tissue migration. The controlled and standardized manufacturing technology of the product guarantees biocompatibility, lack of immune response and stable clinical performance with predictable results.
Membrella® Barrier Membrane bioresorbable, which avoids surgery to remove it, and consequently, additional trauma to the patient.

Membrella® -Barrier
xeno - **P E R I C A R D I U M**

Membrane biocompatibility has been repeatedly proven in experimental studies, and the effectiveness is confirmed by the results of clinical use. Publications describing the results of using this product can be found in the "Publications" section. With the Membrella® - **PERICARDIUM** Barrier membrane, your bone grafting will always be protected.

Indications for use

GBR-guided bone regeneration (horizontal augmentation) GBR-guided bone regeneration (vertical augmentation) Creation of a mechanical barrier to prevent the migration of soft tissues, Reconstruction of the alveolar process, Stabilization of the blood clot, Fixation of the osteoplastic material, Closing of the sinus perforations, Closing of the mandibular canal perforations

- (Horizontal augmentation)
- (Vertical augmentation)
- Creation of a mechanical barrier preventing soft tissue migration
- Reconstruction of the alveolar process
- Stabilization of the blood clot
- Fixation of osteoplastic material
- Closure of maxillary sinus perforations
- Closure of perforations of the mandibular canal

Physical and mechanical properties

The membrane is convenient to use due to its physical and mechanical properties,
1. It does not always require additional fixation due to its high hydrophilicity.
2. It has high tensile strength and thread cutting strength.
3. Tightly stabilizes the graft even of a small volume.
The membrane acts as an exoskeleton and protects the augment from ingrowth of the mucosa.
When exposed, the membrane is not infected, the tissues heal by secondary intention.

Origin : xeno
Thickness: 0.3 - 0.5
Elasticity : stretch
Resorption: 14 - 24 weeks
Layers : 2
Strength: 910 mg
Heterogeneity of surface : Yes

ORDER INFORMATION :

20*15 mm
20*30 mm
25*25 mm
30*40 mm
25*40 mm

MEMBRELLA ®
ALLO PERICARDIUM ™

BIOCOMPATIBLE AND TISSUE FRIENDLY Preservation of the native pericardium collagen matrix and its mechanical properties

EASY TO HANDLE Easy to tack and suture with high tear resistance
Thin and flexible, high tear resistance yet strong enough to suture or tack with minimal memory.
Pericardium will contour to the ridge or grafting site

Rapid hydration and easy manipulation Maintains shape and size once placed

DURABLE PROTECTION Strong and stable due to the pore structure of native pericardium

ORDER INFORMATION :
15*20*0.5 mm
20*30*0.5 mm

ORIGIN : HUMAN
THICKNESS: 0.5
ELASTICITY : STRETCH
RESORPTION: 16_28 WEEKS

MEMBRELLA ®
ALLO-FASCIA

Lyophilized FASCIA LATA membrane

Derived from the fascial covering of thigh muscle.
A unique cell occlusive, resorbable membrane that can be used in areas where primary closure cannot be achieved, one of the oldest and most proven membranes for dental use.

. Excellent protection for GBR/GTR procedures
. Strong collagen - holds a suture/tack if desired
. Alternative to collagen membranes
. Primary closure required

Thickness < 0.5 mm
Sizes:
20*15
30*20
40*30

REGAIN-OSS® CORTICOCANCELLEOUS GRANULES WITH COLLAGEN - XENOGRAFT COLLAGEN

Regain-OSS® granules based on spongy and cortical bone tissue XENOGRAFT Collagen have background osteoinductive properties. This biomaterial preserves natural collagen and native growth factors, which are the most important supporting proteins and osteoinductive molecules that provide physiological bone regeneration.
The cortical phase in the product ensures long-term volume retention.

Regain-OSS® XENOGRAFT Collagen has all the advantages of a two-phase biomaterial. The product is suitable for filling bone defects.

INDICATIONS FOR USE

* Sinus lift
* Alveolar regeneration
* Horizontal augmentation
* Vertical augmentation
* Periodontal intra defects
* Furcation defects (class I and II)
* Socket preservation
* Ridge preservation

SMALL REGAIN-OSS®

Granules (0.25 - 1 MM)

INSTRUCTION FOR USE
Necessary to explain proper use and required precautions to be adopted with the medical Product.

ADDITIONAL LABELS
Useful to be applied on patient's file and documents to ensure the traceability of every Package.

AVAILABLE IN THE FOLLOWING SIZES:

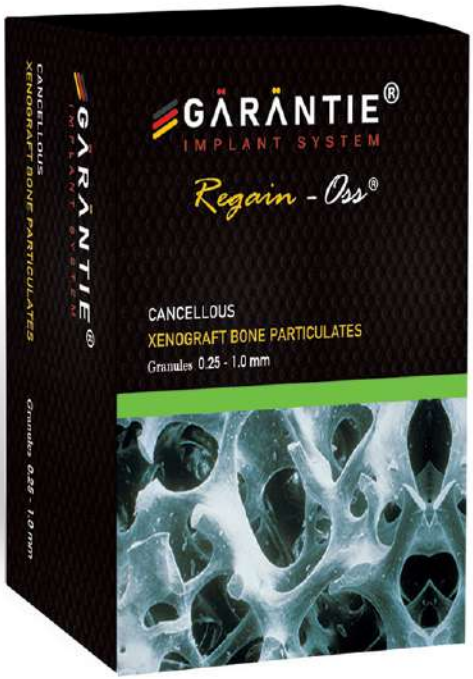
0.5 cc	1.0 cc	2.0 cc	4.0 cc	10.0 cc
Xeno-0.5	Xeno-1	Xeno-2	Xeno-4	Xeno-10

REGAIN-OSS® CANCELLEOUS GRANULES WITH COLLAGEN - XENOGRAFT COLLAGEN

GARANTIE Regain-Oss ® Spongy Bovine Bone Graft cancellous is a porous bone mineral matrix. It is a xenograft produced by removal of organic components from bovine bone. It provides a supportive structure for osteoconduction.
The inorganic bone matrix of GARANTIE Regain-Oss ® spongy bovine bone has macro and microscopic structures that mimic human bone. The formation and ingrowth of new bone at implantation site is favored, due to its trabecular architecture, interconnecting macro and micro pores. The use of GARANTIERegain-Oss ® spongy is ideal when autogenous bone is not indicated, or insufficient in quantity to fulfill the needs of the proposed surgical procedure.

INDICATIONS FOR USE

- Augmentation or reconstructive treatment of the alveolar ridges
- Filling of infrabony periodontal defects
- Filling of extraction sockets to enhance ridge preservation
- Elevation of the maxillary sinus floor
- Filling of peri-implant defects
- Filling of periodontal defects in conjunction with products intended for Guided Tissue Regeneration (GTR) and Guided Bone regeneration (GBR)



SMALL REGAIN-OSS®

Granules (0.25 - 1 MM)

INSTRUCTION FOR USE

Necessary to explain proper use and required precautions to be adopted with the medical Product.

ADDITIONAL LABELS

Useful to be applied on patient's file and documents to ensure the traceability of every Package.

AVAILABLE IN THE FOLLOWING SIZES:

0.25cc	0.5 cc	1.0 cc	2.0 cc	4.0 cc
Xeno-0.25	Xeno-0.5	Xeno-1	Xeno-2	Xeno-4

ALLOGRAFT

CORTICOCANCELLOUS

-Corticocancellous combines mineralized dense cortical bone and porous cancellous bone in single graft. Corticocancellous is a compinition of " cortical & spongy " , it comes from sections of the illium which are ground into several particulate sizes.
The blend of cortical and cancellous that results from this process gives this product the structure of cortical, with the open scaffolding for bone to grow into offered by cancellous , Cancellous bone, also known as spongy or trabecular bone, is porous bone that allows for increased blood flow around a graft site , Cortical bone is manufactured from long bones such as the femur, tibia, fibula, and humerus. Cortical bone is dense compact bone that will maintain space in a graft site. Slower resorption time than cancellous bone means this graft is good for maintaining space.
So in Garantie Regain -Oss a natural mix of cortical and cancellous bone particles offering the dual advantage of slow resorbing, space maintaining cortical bone and relatively faster remodeling, optimally osteoconductive cancellous bone in one single allograft product.

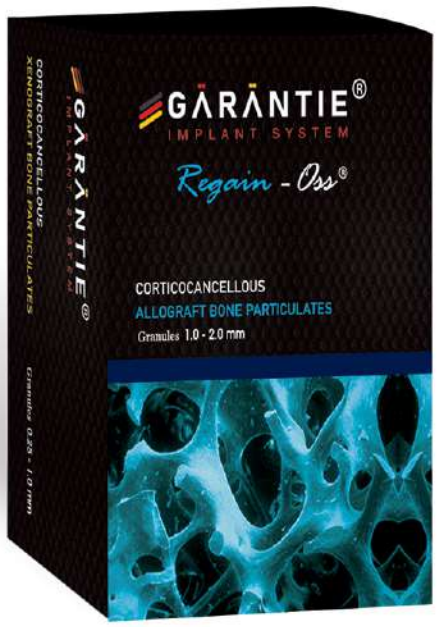
* STRINGENT SCREENING & TESTING

* TYPICAL SHELF LIFE: 5 YEARS

We carry a full line of grafting materials, pharmaceuticals and all supplies necessary to perform oral surgery. We believe in providing our customers with quality products, great prices and excellent service. Our philosophy has been simple. Keep costs down and pass the savings on to our customers.

INSTRUCTION FOR USE
Necessary to explain proper use and required precautions to be adopted with the medical Product.

ADDITIONAL LABELS
Useful to be applied on patient's file and documents to ensure the traceability of every Package.



WHY Regain-Oss Thanks to our loyal customers, we have been able to expand and can now supply products to meet all your oral surgery needs.

Granules (1.0 - 2.0 MM)

AVAILABLE IN THE FOLLOWING SIZES:

0.5 cc	1.0 cc	2.0 cc	4.0 cc	10.0 cc
Allo-0.5	Allo-1	Allo-2	Allo-4	Allo-10

Description

Donated Human Tissue. Tissue grafts are recovered from deceased human donors. All tissue is recovered, processed, stored and distributed for use in accordance with the standards of the American Association of Tissue Banks (AATB). Tissue is manufactured in a clean room environment, following rigorous quality assurance standards. Tissue labeled as STERILE R has been sterilized to a SAL of 10^{-6} (Sterility Assurance Level). Tissue labeled as STERILE R or irradiated has been Gamma (Cobalt 60) or Electron Beam terminally sterilized. Tissue has been processed using a proprietary method that has been validated to a SAL of 10^{-6}. The procedures executed to manufacture this graft including recovery, donor screening, testing, processing, packaging, labeling, storage, and distribution were performed in compliance with all applicable local, state, and federal regulations, including the U.S. Food and Drug Administration (FDA) regulations published at 21 CFR Part 1271, and the current edition of the American Association of Tissue Banks Standards for Tissue Banking.

SCREENING AND TESTING

Donor has been determined to be eligible by a Community Tissue Services Medical Director at 349 S. Main St. Dayton, OH 45402 based on the results of screening and testing. Screening includes a review of medical and social history, hospital records, infectious disease screening, autopsy report (if performed), and physical exam. Donors are tested and found negative (acceptable) for anti-HIV 1/2, HBsAg, anti-HBc, anti-HCV, HIV NAT, HBV NAT, HCV NAT and syphilis. FDA licensed test kits are used when available. Additional tests, including but not limited to HTLV I/II, may have been performed and were found to be acceptable for transplantation. Communicable disease testing has been performed by a laboratory registered with FDA to perform donor testing and certified to perform such testing on human specimens in accordance with the Clinical Laboratory Improvement Amendments of 1988 (CLIA) and 42 CFR part 493, or that has met equivalent requirements as determine by the Centers for Medicare and Medicaid Services (CMS).

Non-irradiated musculoskeletal tissue is verified using microbiological testing per USP <71>, Sterility Tests and released for transplantation with final culture results that demonstrate no bacterial growth. Skin tissue may have been processed with Kanamycin Sulfate and/or Cephazolin and/or Gentamicin Sulfate and traces may remain. Skin has been cryopreserved with a 6-10% (v/v) glycerol solution and does remain on tissue. Representative skin samples have been tested and released based off of acceptable results.

Storage

It is the responsibility of the Tissue Dispensing Service, Tissue Distribution Intermediary, and/or End User clinician to maintain tissue intended for transplantation in appropriate storage conditions prior to further distribution or transplant. Tissue may not be stored at liquid nitrogen (LN_2) vapor phase or LN_2 liquid temperatures.

FREEZE-DRIED tissue must be stored at ambient temperature or colder.

FROZEN MUSCULOSKELETAL tissue must be stored at -40°C or colder. Short term storage of up to 6 months is acceptable if tissue is maintained at -20°C to -39°C.

Tissue Preparation

FREEZE-DRIED TISSUE

1. Inspect for package integrity and expiration date prior to opening.
2. Tissue in peel packages: peel outer package down and aseptically deliver inner package to the sterile field or sterile team member.
3. Tissue in vacuum sealed jars: peel off metal cap and wipe rubber stopper with alcohol or betadine. Using a syringe, inject sufficient saline or air to release vacuum. Remove rubber stopper with aid of sterile forceps.
4. Remove tissue from inner package and place in sterile basin and cover with normal saline or isotonic solution of choice. For Cortical Fibers packaged in a sterile dish, grafts can be rehydrated in the dish. Antibiotics of choice may be added.
5. IMPORTANT! Bone particulates (chips and powder) and fibers should be reconstituted for a minimum of 10 minutes. Demineralized cancellous sponges and cubes should be reconstituted for a minimum of 15 minutes. Soft tissue should be reconstituted for 30 to 45 minutes. Pericardium and Fascia should be reconstituted for 5 minutes. Weight bearing grafts (tri-cortical blocks, segments, struts, dowels, etc.) should be reconstituted about 1 hour. Grafts that are to be manipulated by drilling or cutting may require a longer period of reconstitution time.
6. Tissue should be used as soon as possible after reconstitution. If tissue is to be stored for longer than 2 hours after reconstitution, it should be refrigerated at 1 to 10°C in an aseptic container for no longer than 24 hours.
7. IMPORTANT! Peel away and remove all internal packaging materials from the graft (i.e. gauze or mesh) prior to implantation.
8. Final determination of allograft preparation or reconstitution should be made by the physician prior to use.

FROZEN TISSUE AND SKIN

1. Inspect for package integrity and expiration date prior to opening.
2. IMPORTANT! Double packaged graft may be sealed in a non-sterile outer cover. Remove before proceeding.
3. Peel or tear the outer package down and aseptically deliver inner package to the sterile field or sterile team member.
4. Remove tissue from inner package and place in sterile basin and cover with normal saline or isotonic solution of choice. Antibiotics of choice may be added.
5. Tissue should remain in solution until thawed. Tissue thawing temperature should not exceed ambient or room temperature.
6. Tissue should be used as soon as possible after thawing. If tissue is to be stored for longer than 2 hours after thawing, it should be refrigerated at 1 to 10°C in an aseptic container for no longer than 24 hours.
7. IMPORTANT! Peel away and remove all internal packaging materials from the graft (i.e. gauze or mesh) prior to implantation.

TISSUE IN SALINE

1. Inspect for package integrity and expiration date prior to opening.
2. Tissue is double-packed with inner package containing the tissue and normal saline solution.
3. Peel outer package down and aseptically deliver inner package to the sterile field or sterile team member.
4. Remove tissue from inner package and place in sterile basin and cover with normal saline or isotonic solution of choice. Antibiotics of choice may be added.
5. Tissue should be used as soon as possible after opening. If tissue is to be stored for longer than 2 hours after opening, it should be refrigerated at 1 to 10°C in an aseptic container for no longer than 24 hours.

EQINO-Oss

CORTICOCANCELLOUS
XENOGRAFT BONE PARTICULATES

Granules 0.25 - 1.0 mm

REGAIN-OSS® CORTICOCANCELLEOUS .

EQUINO-Oss granules are a substitute bone based on the total osteoclastic remodelling.

The bone substitutes are obtained from equine bone tissue through an exclusive biochemical process of enzymatic deantigenation.
The use of enzymes, natural proteins capable of operating at controlled temperatures, allows to completely eliminate the antigenic component of the tissue, with no alteration of the mineral component.
The mineral phase of bone, not modified, is recognised as endogenous by osteoclasts. The bone substitute, accordingly, undergoes a process of total remodelling so to be completely replaced, in physiological times, by the endogenous bone. The best condition for the placement of osseointegrated implants.

Characteristics:

- Usable for any type of bone defect
- Partially denatured collagen
- Mix (30% cortical 70% cancellous)
- 1-2 minutes hydration with sterile saline solution or blood
- Perfect hydrophilicity: excellent handling

CORTICAL/CANCELLOUS
BONE CHIPS

Cortical Cancellous Chips grafts are bone chips with a robust structural and mechanical properties for filling bone loss and/or correcting bone defects. It is used for both spinal fusion, oral and maxillofacial, prosthetic or bone graft growth as well as for general orthopedic reconstruction. The proprietary eCOO® scCO2 Technology process provides excellent osteoconductive properties. This product forms a stable complex with the patient's own bones.Usage: The product is disposable. The product should be used after opening the bottle. It should not be used for a second time to another patient.

ORDER INFORMATION :

2.0-10 mm

4.0 cc

10.0 cc

20.0 cc

LAMINAR

Semi-solid cortical plate with subtotal degree of demineralization for vertical and horizontal augmentation with simultaneous implantation, as well as for sinus lifting.
Requires exposure in a sterile saline solution for at least 10 minutes.
To avoid plate splitting or disintegration before fixing it is recommended to create perforations with a diameter of at least the diameter of the fixing element.

INDICATIONS FOR USE

* Peri-implant defects
* GBR therapy (horizontal augmentation)
* GBR therapy (vertical augmentation)
* Other specific techniques

ORDER INFORMATION :

15*20*1 mm

20*30*1 mm

25*25*1 mm

SPONGY - BLOCK

Biomaterial for replacing bone defects, filling holes of removed teeth and periodontal defects. The highly purified spongy layer of bone tissue is fragmented into blocks of various sizes and partially demineralized. The treatment process preserves the collagen and mineral components, as well as the natural bimodal porous structure. The unique raw material processing technology makes the entire internal surface of the implant accessible.
It combines osteoinductive and osteoconductive properties.
After implantation they undergo physiological replacement with bone tissue (the period of replacement with bone tissue is 4-6 months).
It serves as a framework for osteogenesis. It is easily modeled, which makes it possible to give the necessary shape for maximum contact with the patient's bone. The blocks are resistant to physical stress and can be easily drilled during implant placement.

INDICATIONS FOR USE

* GBR therapy (horizontal augmentation)
* GBR therapy (vertical augmentation)

ORDER INFORMATION :
15*25*10 mm
20*10*10 mm
30*20*10 mm

USER BENEFITS

GARANTIE MucoMatrix® is a Fiber collagen matrix designed specifically for soft-tissue regeneration in the oral cavity. It is indicated for gaining keratinized tissue and for recession coverage .GARANTIE MucoMatrix® provides an alternative to autologous soft-tissue grafts. Painful harvesting of tissue is avoided, benefiting patients and clinicians alike.

It does not erupt through the thread during modeling. Stable volume supporting is used to increase the area and volume of soft tissue around natural teeth and implants. It is easily modeled in size and thickness using a scalpel (in the dry state) and scissors (in the wet state). It is fixed by means of seams, allows open conducting.

INDICATIONS FOR USE

* Soft tissue augmentation * Vestibuloplasty * Periodontal operation

SOFT-TISSUE REGENERATION

Soft tissue regeneration plays an increasingly important role in periodontology as well as oral and maxillofacial surgery.Leading clinicians rely on GARANTIE MucoMatrix® :

* No harvest-site morbidity.
* Less pain compared with autologous grafts.
* Reduced surgical chair-time compared with autologous grafts.
* Natural soft-tissue colour and texture match.
* Early vascularization and good soft-tissue ingrowth.
* Good wound healing, also in open situations.
* Easy handling and application in a dry state.

GARANTIE MucoMatrix® consists of two structures: the compact structure provides stability while allowing open healing; the spongy structure supports blood clot stabilization and ingrowth of soft-tissue cells.

GARANTIE MUCOMATRIX® IS EASY TO HANDLE COMPARED WITH AUTOLOGOUS SOFT-TISSUE GRAFTS1:

* Unlimited availability and consistent quality.
* No need for pre-treatment or pre-hydration.
* Measure the defect and trim the matrix to the required shape.
* Apply the dry GARANTIE MucoMatrix® to the defect; it will moisten rapidly due to marked hydrophilicity.
* Position the compact structure facing outwards and the spongy structure towards the bone or periosteum.
* Soaked matrix adapts spontaneously to contours and adheres well to defect.
* The compact structure provides optimal suture pull-out strength.

PRODUCT RANGE

GARANTIE Mucomatrix® consists of bovine collagen and is specifically designed for soft-tissue regeneration. The matrix is available in three sizes:

* 15 x 20 mm * 20 x 30 mm * 40 x 60 mm

MUCOMATRIX HumA-DERM ®

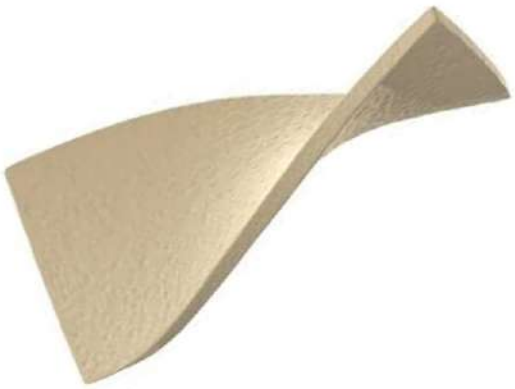
Allograft derived from safe donated human source
Bio-Compatible & non immunogenic
Lyophilized Acellular dermal membrane

HumA-Derm® is a soft tissue grafting material (HumA-Derm® Regeneration Tissue Matrix) that is used to treat moderate to severe gum recession. It is made from human donor tissue that has been carefully screened and processed to remove all cells, leaving behind a natural scaffold that promotes the growth of new gum tissue.

Processing was performed; HumA-Derm™ was derived from fresh allograft with thin autograft onlay as a full-thickness or thick split-thickness skin composite graft to cover deep burn wounds (3rd and 4th degrees) in one stage performed at our institute.

HumA-DERM™

Has a shelf life of 3 years when stored at 15–30˚C and requires about 10 - 30 minutes for rehydration.



Weeks 3-6: The graft site should begin to heal and feel firmer. Several Months: Complete healing and integration of the grafted tissue can take several months.

After around 3 months most wounds have fully healed and the graft will be completely integrated.

FDA Approved
ISO

Thickness ranges from 1.8 ± 0.5mm.
Sizes :
10*15
20*30
20*60
Temp : 15–30˚C

XENO - PUTTY

Regain-OSS Xenograft paste are a natural bovine bone grafting material. The highly purified osteoconductive material is produced from natural bone through a multi-step purification process.
Due to its natural origin, it is chemically as well as structurally, comparable to mineralized human bone

BOVINE PUTTY

* 100% Xenograft
* Resistance to irrigation
* Moldable

Regain-oss PUTTY	
Description	Item Code
0.5 cc	Pty-05
1.0 cc	Pty-10
2.5 cc	Pty-25
5.0 cc	Pty-50
10.0 cc	Pty-100

PUTTY

ALLO READY PUTTY ®

A.R.P - DBM ®

100% pure demineralized allograft with no filler or inert carrier.
Available in three different volumes: 0.5 cc, 1.0 cc and 2.0 cc.

Encourages Bone Growth Potential By Incorporating A High Bone-To-Carrier Ration Without Sacrificing Handling Characteristics.

Ideal Handling - The lecithin carrier provides a moldable vehicle for containing and transporting allograft bone granules.

Osteoinductive & Osteoconductive - Regain-Oss Allograft Putty is comprised of a mixture of DBM and mineralized allograft to facilitate the regeneration of new bone.

FEATURES & BENEFITS

Carrier Ideal Handling
- Potentially enhances osseoinductive properties of the Demineralized Bone Matrix (DBM)2 .

Bone Osteoinductive and Osteoconductive
- Osseoinductive potential of DBM encourages bone growth

INDICATIONS

- Peri-implant Defects
- Localized ridge augmentation
- Extraction sockets
- Periodontal defects
- Sinus augmentation
- Cystic defects
- Defects associated with root resection or apicoectomy

Allo - PUTTY	
Description	Item Code
0.5 cc	ALLo Pty-05
1.0 cc	ALLo Pty-10
2.0 cc	ALLo Pty-20

FIXATION SCREWS

Confidence & Quality our top priority ,The Screw Fixation System provides a compact solution for the temporary fixation and stabilization of bone transplants, suitable resorbable and non-resorbable bone replacement materials, and membranes for the alveolar ridge.
Features & Benefits / Secure & Simple Easy and stable screw pick-up.
Reliable driver to screw connection.
Stored and sterilized in one durable kit tray.

MAX-FIX SCREWS Ø1.6

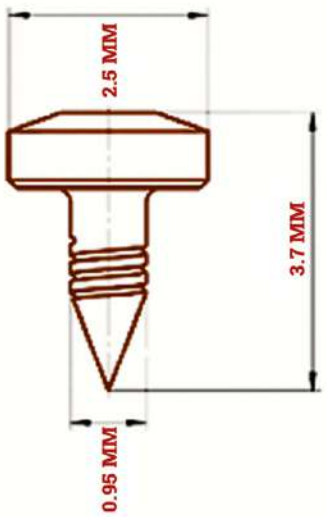
HEIGHT 7	HEIGHT 9	HEIGHT 11	HEIGHT 13
Max - 07	Max - 09	Max - 011	Max - 013

G-TACKS

Creative pins for fixation of the dental membranes .
This tacks designed to provide solutions of fixing in all types of bone .
Due to the mini threads in the middle of the tack . It's combination of pin and screw. Garantie Tacks are made from Ti Grade 5 .

GARANTIE TACKS BOX CONTAINS :

. 1 Circle metal kit
. 15 tacks
. 1 Straight holder
. 1 Angled holder



MEMBRELLA - PTFE

Dense polytetrafluoroethylene (d-PTFE), mainly indicated for surgical bone grafting procedures where there is a need for ridge coaptation and soft tissue deficiency, and must remain intentionally exposed to the oral environment. Non-resorbable and non-impermeable.

Its measurements:
0.1x15x20
0.1x20x30
0.1x30x40

Developed for cases where there will be exposure to the oral environment, MEMBRELLA -PTFE is a regenerative barrier composed basically of dense polytetrafluoroethylene (d-PTFE), biocompatible and sterile, whose clinical application purpose is to serve as a barrier in bone graft surgeries where bone and connective tissue regeneration is required, avoiding any type of communication with the external environment. MEMBRELLA-PTFE presents excellent results when used as indicated.
It has no porosity on its surface and due to this exclusive characteristic MEMBRELLA-PTFE allows its exposure to the oral environment without covering by soft tissues.
MEMBRELLA-PTFE can be gradually molded to the desired shape and has no memory.

Indications:
- Post- extraction application aimed at recovery and preservation.
- Protection of grafted areas.
- Situations with high risk of suture dehiscence and exposure.
- Treatment of periodontal defects.
- Coating of exposed threads.

MEMBRELLA -PTFE TITANIUM

Reinforced is a barrier with non-absorbable titanium reinforced.

Dimensions:

0.25x10x20mm

0.25x20x30mm

0.25x38x38mm

MEMBRELLA-PTFE Titanium reinforced : It can be applied for up to 12 months and should not be exposed. It needs to be buried and screwed below the fabric. However, if the fabric breaks and is exposed, there is no problem because it has waterproof technology. It should be buried below the fabric, but if the fabric breaks and the PTFE Titanium is exposed, there is no problem because it is waterproof. Its reinforcement provides more stability, alignment and maintenance in its handling. Its textured surface provides more grip and its smooth surface makes it easier to remove.

Indications:

- Protection of grafted areas, used in reconstruction of height and volume defects:
- Indicated for vertical bone regeneration, always associated with screws to ensure better performance.
- Situations with a high risk of suture dehiscence (when tissue is torn and the stitches open .
- Guided bone surgery (GBS) is a procedure that uses barrier materials to stimulate new bone growth .

GÄRÄNTIE®
IMPLANT SYSTEM

NATURE IS OUR INSPIRATION

*PRODUCT AVAILABILITY MAY VARY FROM COUNTRY TO COUNTRY
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