Product Catalogue

rebound GLOBAL TRADING CO.

Cartilago®
CARTILAGE MATRIX

Hyalocover®
BIOLOGICAL MESH

SOvisc®
INTRA ARTICULAR INJECTION

OSTEOwelt®
SYNTHETIC BONE GRAFT

rebound®

GLOBAL TRADING CO.

MEDİKAL A.Ş.

SOvisc®

INTRA ARTICULAR INJECTION

CE 2292

SOvisc®

INTRA ARTICULAR INJECTION

Injectable Synovial Fluid for Intra-articular Use in the treatment of Arthritis

What is SOvisc?

So-Visc is an introarticular injection produced by biological fermantation method and including 'hyalunorik acid' that is in high-purity and is generally used in the treatment of Osteoartirid. The product that is similar to joint-fluids found naturally in joints serves as lubricants and shock-absorber like joint-fluids. Namely, So-Visc is a biological material replacing with fluids which decrease or disappear in patients' joints. It is Class-Three material which has CE and ISO certificates and which is suitable for European Standards.

Where to use?

- Osteoartirid treatments
- Following artroscopy
- Following menuscal repairs
- Following anterior cruciate ligament reconstruction
- Following mozaicplasty
- Patients with isolated patella-femoral knee and as an adjuvant treatment or to delay operations in patients with osteokondral defects.

How to use?

It is not different from other intraarticular injections types in terms of practice. It could be used either for a knee or for both these days

As a first step, the area which will be injected should be cleaned by an expert.
Injection is checked whether the needle reaches the right area.
In case there is excess fluid in joints, this excess fluid is drawn and checked if it is inflammatory.
When no dangerous situation is observed, the needle is leaved in the knee and So-Visc is injected into the area.

There is no risk to apply painkiller into joints during pre-period of the injection.
Patients are advised to abstain from any activities which could make them tired for two or three days.
According to its type and milligram, So-Visc gives treatment between 3-12 months.

Effects

So-Visc improves Sodium-Hyalunorat levels in joints in medium-term. It also helps mechanical functions of cartilage to repair by stimulating the body naturally. The product produces an effect as natural joint-fluid and it makes joint lubricitate as well as contributing the prevention of joint pain. Consequently, it relieves pain and relaxes patient.

It replaces synovial fluid after arthroscopy operations, increases mobility in the joint and helps prevent post-operative complications.

Models:

2ml %1 (20mg)
2ml %2,4 (48mg)
2ml %1,6 (32mg)
3ml %2 (60mg)

SOvisc®

INTRA ARTICULAR INJECTION

So-Visc Cross Linked

Some patients complain about temporary pain and pressure for 2-3 days after intra-articular injection is operated. This model in which the hyaluronic acid molecules are cross-linked to each other, prevents complaints as well as staying in the joint for longer periods and has a therapeutic effect. So-Visc is slippery and elastic. It concentrates in the required area according to the movement of the joint. In this way, patients not only get through the process more comfortably, but also get a longer treatment.

Models:

2ml %1 (20mg Cross-linked hyalunoric acid)
2ml %1,6 (32mg Cross-linked hyalunoric acid)
2ml %2,4 (48mg Cross-linked hyalunoric acid)
3ml %2 (60mg Cross-linked hyalunoric acid)

SO Visc Cross-Linked + Chondroitin Sulfate

Chondroitin sulfate is one of the important substances for cartilage and bones. In cases of osteoarthritis, it stops the progression of the disease, reduces joint pain and strengthens the joint at the same time. Chondroitin sulfate is a molecule found in sufficient amounts in healthy individuals. However, in people affected by osteoarthritis, the amount of chondroitin sulfate in the articular cartilages decreases. In these patients, chondroitin sulfate loss occurs due to cartilage wear. Taking chondroitin sulfate from the outside protects the cartilage and provides an effective treatment method.

While these models prevent pain and swelling thanks to the cross-link, it provides nutrition to cartilage tissues thanks to chondroitin sulfate. Therefore, it prevents the narrowing of the joint space.

Models:

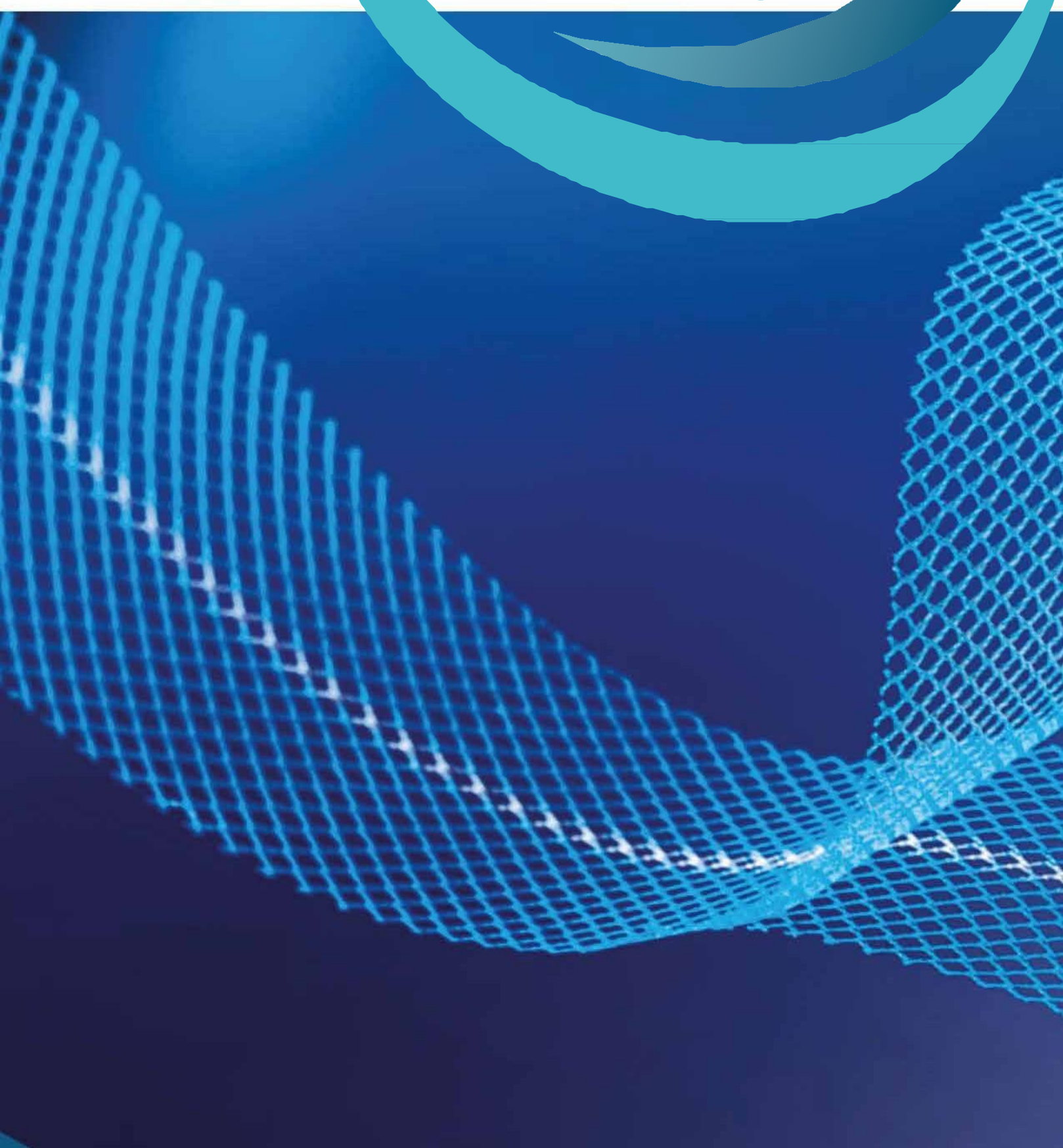
2 ml 48 mg chondroitin sulfate+ 32 mg hyalunoric acid(cross-linked)
2ml 60mg chondroitin sulfate+ 40mg hyalunoric acid(cross-linked)
2ml 72 mg chondroitin sulfate+ 48 mg hyalunoric acid(cross-linked)
3 ml 90mg chondroitin sulfate+ 60mg hyalunoric acid(cross-linked)

- All of our products and models are biocompatible and can be used safely

rebound

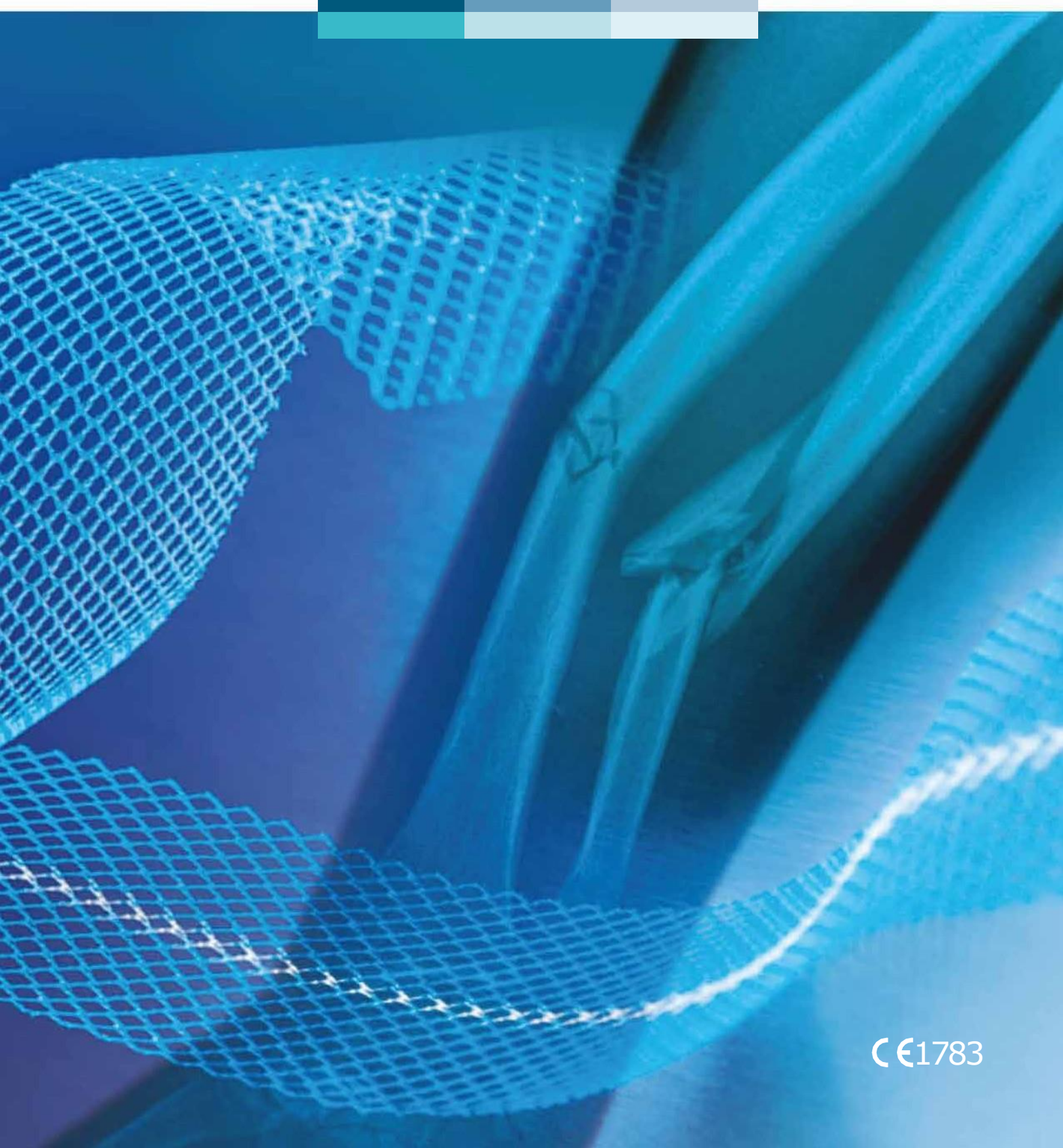
GLOBAL TRADING CO.

MEDİKAL A.Ş.



Hyalocover®

BIOLOGICAL MESH



CE 1783

Hyalocover®
BIOLOGICAL MESH

Safe, absorbable, suturable and biocompatible mesh.

It is produced from PGA and HA.
It is a soluable mesh that nourishes the area which is injected with PGA and HA for 6-8 months, and that both accelerates the production of bones and helps them to improve, transfering the necessary nutrients and causing cell proliferation.
It is absorbed and excreted from the body within 6-8 months.

Where and how to use?

Periosteum (Treatments Of Periosteum)

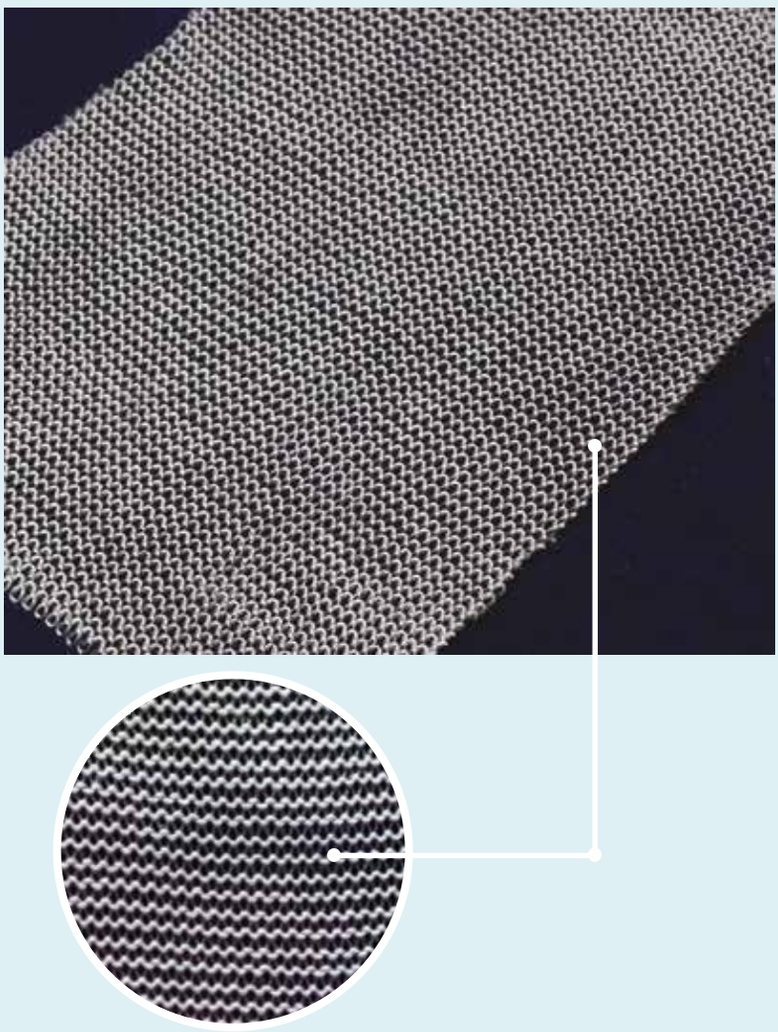
Bones get necessary nutrients through periosteum and this part of the body are damaged during the process of bone fractions. When the damaged bone is entrenched by specialist, the damaged area is covered by using hylocover. It acts as a scaffold in the transmission of nutrients that bones is needed by bones and renews periosteum. As a result, a far safer and faster recovery is observed commonly.

Treatments Of Bone Loss Caused By A Tumor & Pseudoarthrosis

The damaged area is covered by Hyalocover in the treatment of segmenter bone defects associated with tumor and pseudoarthrosis surgeries. Thanks to this process, PGA and HA emission to the area is taken for granted for 6-8 months after operation. As a result, it is inevitable that a faster recovery is observed.

Treatments of Tendon, Ligament & Nerve Injuries

Hyalocover is used as a Biological HA-Based scaffold in the treatments of tendon ligaments and nerve injuries to help treatment process. It is entrenched by covering upon the tendon which is treated. As a result, it prevents adhesion and provides mobility as well as renewing muscle system's functions.



Briefly, Hyalocover:

How we use grafts (autograft, allograft, bone substitute...) for scaffold purposes in reconstruction surgery for segmental bone defects, whether after tumor surgery or due to infection or nonunion; "Hyalocover" creates a similar effect for the purpose of scafold in periosteal regeneration.

If adequate periosteal regeneration can be achieved, bone regeneration becomes faster and stronger with the appropriate biological environment (cytokines, growth factors...) created by this new periosteum.

In addition, by acting as a scaffold in tendon surgery (primary repair, tendon transfer...), "Hyalocover" reduces the incidence of many complications such as re-rupture and limitation of motion after adhesions.

It shows this effect just like in the periosteum, this time by regeneration of the tendon sheath.

•Helps to improve the production of bones and renews muscle system’s functions in patient’s body, according to the area that is used.

•Decreases production of fibrosis tissues, enhances circulation, helps to transfusion of necessary nutrients and cells.

•Provides Osteogenesis.

•Creates a far safer area.

•Accelerates the process of synoterisis in the treatment of stabilization of one-piece fractures.

•Facilitates transfusion of both tissues and necessary nutrients during the treatment of Osteosynthesis.

•Produced from HA with free-Animal Origin.

•Cuttable easily to adaptto different surgery areas.
%100 Biocompatible

•Absorbable and is absorbed and excreted from the body within 6-8 months.

•Manufactured in accordance with EU manufacturing standards and CE-certificated.

Cartilago®

CARTILAGE MATRIX

CE 2292

Cartilago®

CARTILAGE MATRIX

Cartilago is a cell-free cartilage implantproduced from the mix of high-purity HA(Hyaluronic Acid) and PGA(Polyglycolic Acid)

Thanks to its 3-D and fibred structure, it constitutes an appropriate area for regeneration by releasing HA and PGA.

Having necessary features to fill defective area, Cartilago is a bio-degradable prothesis which both causes re-modelling of tissues in the operation area that is operated and both helps bone and cartilage tissues to recover. It acts as a scaffold in the recovery of Condral and Osteocondral defects. It removes damaged tissues; consequently, it helps fresh and healthy cartilages or bones to be created.

How to use?

Cartilage defects must be debrided until Sub-condral bone is uncleared.
Micro-fraction method is implemented and by this way releasing and mobility of mesenchymal stem cells are taken for granted.
To regain its flexibility, Cartilago is kept in a sterilized container with a rehydrating solution. Alternatively, PRP(Platelet rich plasma) or HA(Hyaluronic acid) can also be used.
In accordange with defect,the product can be cut appropriately and become foldable.
With the help of surgical instruments, Cartilago is applied on defective area where micro-fraction is created.
It sticks to area naturally where mesenchymal stem cells flourishes due to its 3-D and fibred structure.
Even so, Cartilago is also suitable for being used with Bio-pin or Fibrin-glue.

Cartilago®

CARTILAGE MATRIX

WHY CARTILAGO?

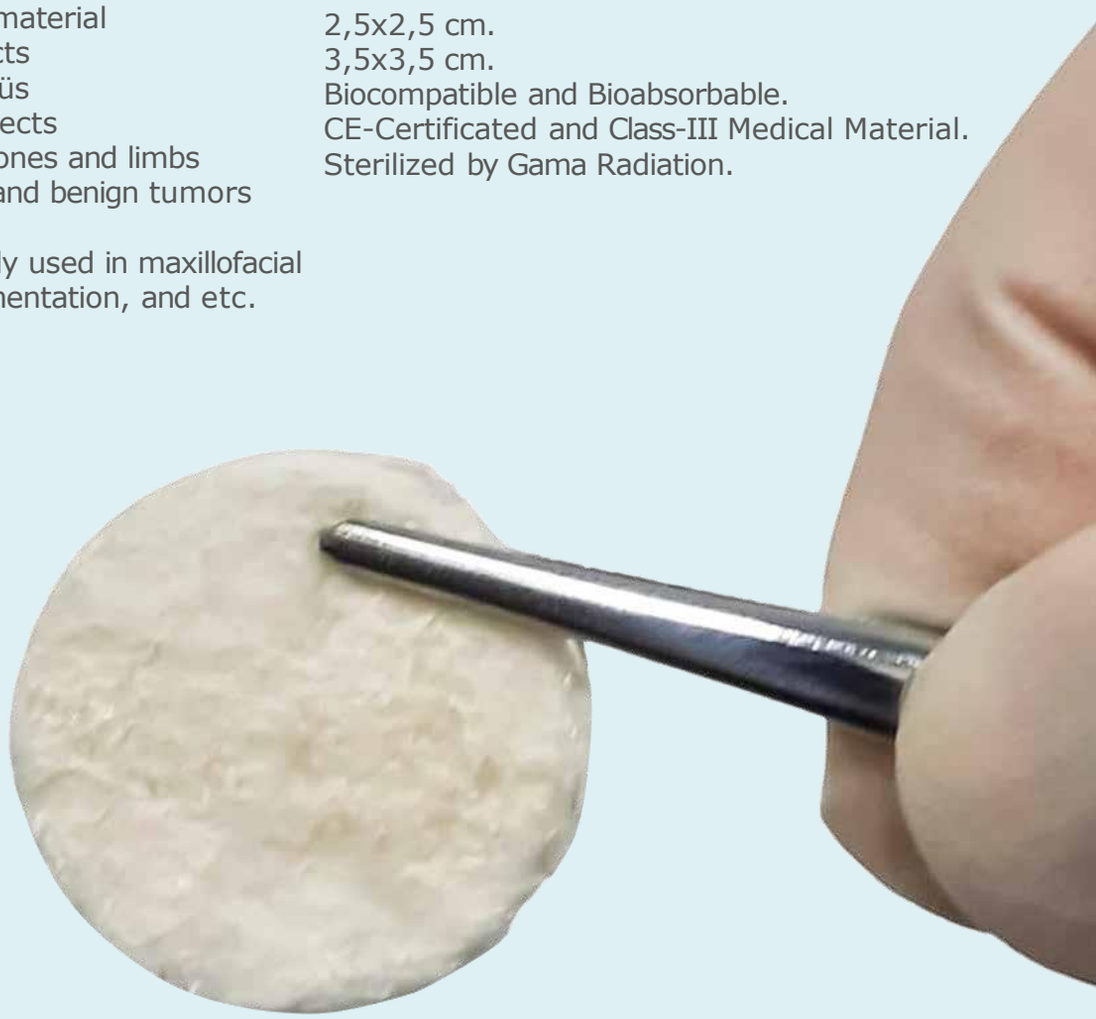
Produced by sugar-based molecules instead of proteins.
Includes high-purity HA found in all living things.
Includes molecules with the highest-ability of hydrophilicity.
Effective in cell proliferation and tissue formation.
Newest and Safest surgial method.
Suitable for Artroscopic or Open-Surgery.

INDICATIONS

General bone defect filling material
Repairing periodontal defects
Raising the base of the sinüs
Repairing metaphysical defects
Repairing defects in long bones and limbs
Treatment of arthrodesis and benign tumors
Spinal fusion
Also, Cartilago can be safely used in maxillofacial reconstruction, bone augmentation, and etc.

FEATURES

2,5x2,5 cm.
3,5x3,5 cm.
Biocompatible and Bioabsorbable.
CE-Certificated and Class-III Medical Material.
Sterilized by Gama Radiation.



OSTEOwelt®

SYNTHETIC BONE GRAFT

CE 2292

What is OSTEOwelt?

OSTEOwelt TCP is developed as synthetic bone graf substitute and composed of>95 % & Silicate

Chemical Composition

OSTEOwelt TCP synthetic bone graft is made of TCP, which is composed of calcium phosphate molecules resembling the mineral of natural bone structure.

Feature and Advantages

Biocompatibility:
It does not cause any reaction in the body.

Bioresorbable:
Substitutes actual bone.

Porosity:
It provides a quick and full osteointegration.

Synthetic:
No risk of immune reaction, cross contamination and infection.

Ready to Use:
Reduces operation time.

Sterilization:
Sterilized by gamma radiation.

Best of Its Kind

OSTEOwelt >95% tricalcium phosphate/silicate is a next generation synthetic bone graft which enables bone regeneration and optimaly fulfills both surgeouns and patiens needs

Indications

It is indicated for filling of all (extremity, spine and pelvis) traumatic and pathological bone gaps.

It can also be used with other graft materials. However, graft type and volume to be used should be decided by surgeon, depending on the size and type of defect.

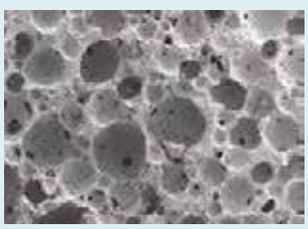
Additionally; it is indicated in all other bone tissue repairs required by the physician such as repairing traumatic & pathological bone defects, osteosynthesis,treatment of fractures and tibial osteotomy

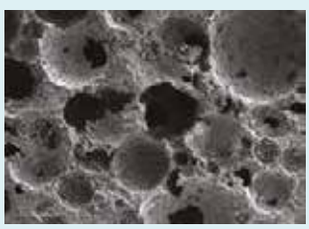
100% Safe, 100% Synthetic

Patient safety is always our first priority. We are committed to provide the best quality products for bone formation with the highest safety.

Innovative

We are continuously cooperating with research institutes and universities to meet the requirements of today's bone grafts and to improve our materials.





GLOBAL TRADING CO.

Cevizli Mah. Zuhal Cad.. Ritim İstanbul Sit. A5 Blk. No :46E/179 MALTEPE
ISTANBUL
0 542 387 01 27
0 530 328 12 61
info@reboundtr.com