BIOTECK®

OSTEOPLANT®

TECHNICAL SHEET

OSTEOPLANT® **Disposable sterile device**	CE 0477

• **Description:** OSTEOPLANT bone grafts/bone promoters of equine origin.

• **Device constituents:**
OSTEOPLANT (all codes except those listed below): Cortical and/or cancellous bone of equine origin with a preserved collagenic component (type I bone collagen). **OSTEOPLANT ACTIVAGEN:** Type I bone collagen of equine origin (Demineralized Bone Matrix - DBM). **OSTEOPLANT ACTIVAGEN INJECTABLE PASTE:** Type I bone collagen of equine origin (Demineralized Bone Matrix - DBM), type I collagen from equine tendon, inert water-based gel, micro granules of equine cancellous bone. **OSTEOPLANT ACTIVAGEN MOULDABLE PASTE:** Type I bone collagen of equine origin (Demineralized Bone Matrix - DBM), type I collagen from the equine tendon, inert water-based gel, micro granules of equine cancellous bone, chips of equine cancellous bone of a diameter of 1-2 mm. **OSTEOPLANT ANGIOSTAD:** Type I bone collagen of equine origin (Demineralized Bone Matrix - DBM), inert water-based gel.
• **Properties/Intended use:**
OSTEOPLANT (all codes except those listed below): act as grafting material for bone regeneration procedures. The preservation of the collagen component (type I bone collagen) allows the grafted material to respond physiologically to the action of the cell elements involved in the regeneration process (osteoclasts and osteoblasts), thereby facilitating bone regeneration. As they are enzyme deantigenated, they fully remodel and are replaced by the patient's endogenous tissue. The time required for complete replacement depends on anatomical variables (ratio between vital bone surface and graft site volume) and individual factors that vary from patient to patient. The average remodeling period is 4-6 months for cancellous bone grafts, and 8-12 months for cortical bone grafts. The formats indicated with the term "FLEX" have been subjected to an additional treatment of partial demineralization, making them flexible and easily adaptable to curved surfaces and profiles.
Bone promoters - OSTEOPLANT ACTIVAGEN/ ANGIOSTAD: they have formulations based on type I bone collagen (demineralized bone matrix) and act as bone promoters.
• **Indications of use and clinical performances:**
Specific indications of use for dental surgery and orthopedics are listed below:

Dental surgery:

- **OSTEOPLANT ANGIOSTAD, OSTEOPLANT ACTIVAGEN AND OSTEOPLANT ACTIVAGEN MOULDABLE PASTE** may be used in surgical procedures such as augmentation or reconstructive treatment of the alveolar ridge; filling of defects after root resection, apicoectomy, and cystectomy; filling of extraction sockets to enhance preservation of the alveolar ridge; filling of infrabony periodontal defects; sinus lift; filling of periodontal and peri-implant defects in conjunction with products intended for Guided Tissue Regeneration (GTR) and Guided Bone Regeneration (GBR).

OSTEOPLANT ACTIVAGEN and **OSTEOPLANT ANGIOSTAD** are bone promoters and thus must be used only in combination with osteoconductive grafting materials to enhance bone regeneration. In addition, ***OSTEOPLANT ANGIOSTAD*** may be used in combination with larger solid grafting materials spreading the device to the surface of receiving bone or to the surface of the grafting materials in order to enhance bone regeneration. When combined with granular grafting material, it also improves the hydration and manipulation of the graft.

OSTEOPLANT ACTIVAGEN MOULDABLE PASTE is an osteoconductor and bone promoter that provides volumetric augmentation, enhancement of bone regeneration and in case of implant/prosthesis in the same site, favoring their secondary stabilization.

- **OSTEOPLANT FLEX CORTICAL MEMBRANE** is an osteoconductor and bone membrane. It provides protection of the grafting site from invasion by soft tissues/epithelial cells, containment and stabilization of the grafting material and/or coagulum inside the grafting site and it favors the bone regeneration inside the grafting site. The barrier effect is exerted for at least 6 months, after which the device loses its occlusivity because of the osteoclastic resorption. It may be used in surgical procedures alone or in combination with suitable augmentation materials for immediate or delayed Guided Tissue and Bone Regeneration; in the augmentation or reconstructive treatment of the alveolar ridge; in case of surgical bone defects and bone wall defects; in the context of maxillary ridge reconstruction for prosthetic treatment; in the context of fenestration defects; in case of Immediate or delayed augmentation around implants in extraction sockets; in sinus lift procedure for protecting the Schneider membrane or to close the lateral antrostomy.
- **OSTEOPLANT CORTICAL FLEX** may be used for sinus lift, to protect the Schneider membrane mimicking Tulasne technique; for augmentation or reconstructive treatment of the alveolar ridge in combination with granular grafting material; in vertical ridge augmentation with concomitant implant placement. It provides bone

volumetric augmentation, favoring the formation of new bone and in case of implant/prosthesis implanted in the same site, favoring the secondary stabilization of them. It acts also as contenitive barrier in confining grafting material inside a bone defect.

- **OSTEOPLANT CANCELLOUS FLEX** may be used in surgical procedures for sinus lift, to protect the Schneider membrane mimicking Tulasne technique; for filling of extraction sockets to enhance preservation of the alveolar ridge; for augmentation or reconstructive treatment of the alveolar ridge. It provides volumetric augmentation, favoring the formation of new bone and in case of implant/prosthesis in the same site, favoring their secondary stabilization.

Orthopedics surgery:

- **OSTEOPLANT ANGIOSTAD** may be used in surgical procedures such as filling of voids or gaps of the skeletal system in the extremities, spine, and pelvis not intrinsic to the stability of the bony structure; in the treatment of surgically treated osseous defects or osseous defects created from traumatic injury to the bone. It is a bone promoter that must be used only in combination with osteoconductive grafting materials to enhance bone regeneration. It also improves hydration and manipulation of granular grafts.
- **OSTEOPLANT ACTIVAGEN** may be used in surgical procedures such as a bone void filler to fill voids or gaps of the skeletal system in the extremities, spine, and pelvis not intrinsic to the stability of the bony structure; in the treatment of surgically treated osseous defects or osseous defects created from traumatic injury to the bone. It is a bone promoter that must be used only in combination with osteoconductive granular grafting material to enhance bone regeneration.
- **OSTEOPLANT ACTIVAGEN INJECTABLE PASTE AND OSTEOPLANT ACTIVAGEN MOULDABLE PASTE,** may be used in surgical procedures such as a bone void filler to fill voids or gaps of the skeletal system in the extremities, spine, and pelvis not intrinsic to the stability of the bony structure; in the treatment of surgically treated osseous defects or osseous defects created from traumatic injury to the bone. They are osteoconductors and bone promoters providing volumetric augmentation, enhancement of bone regeneration and in case of implant/prosthesis in the same site, favoring their secondary stabilization.
- **OSTEOPLANT CORTICAL ROD** may be used in surgical procedures to treat fractures of long bones. It has to be used in the osteosynthesis of long bones diaphyseal fractures in combination with titanium plates to favor the stabilization of prosthetic components as well as to support the regeneration of fractured bone.
- **OSTEOPLANT CORTICAL PIN** has to be used specifically in arthrodesis of lumbar vertebral facets, to be performed exclusively by percutaneous surgery under radiographic guide, by the creation of an appropriate bone defect in intraarticular position where to graft the device. It favors the arthrodesis of vertebral bodies and formation of new bone.
- **OSTEOPLANT CORTICAL FLEX** may be used in surgical procedures such as reconstruction of diaphyseal cortical wall defects, reconstruction of acetabular base in the event of protrusion, reconstruction of defects maxillary-facial surgery, such as in traumas to the orbital floor, closure of palatal fistulae associated with alveolar clefts, surgical rehabilitation of nasoalveolar complex in patients with alveolar clefts, cleft lip and palate repair. It provides also bone volumetric augmentation, favoring the formation of new bone and in case of implant/prosthesis implanted in the same site, favoring the secondary stabilization of them. It acts also as contenitive barrier in confining grafting material inside a bone defect.
- **OSTEOPLANT BLOCK FOR GLENA** is a bone block that has to be used in bone graft procedure combined with subscapularis augmentation for the treatment of glenoid bone defect. It provides volumetric augmentation and favoring the reduction of anterior shoulder instability as well as the formation of new bone.

ALL THE DEVICES LISTED BELOW THE <u>DASHED LINE</u> ARE OSTEOCONDUCTORS PROVIDING VOLUMETRIC AUGMENTATION, ENHANCEMENT OF NEWLY BONE FORMATION AND IN CASE OF IMPLANT/PROSTHESIS IN THE SAME SITE, FAVORING THEIR SECONDARY STABILIZATION.

- **OSTEOPLANT CANCELLOUS GRANULES, OSTEOPLANT CANCELLOUS CHIPS, OSTEOPLANT CANCELLOUS CORTICAL CHIPS, OSTEOPLANT CANCELLOUS FLEX and OSTEOPLANT CANCELLOUS DOUBLE DOWEL FLEX** may be used in surgical procedures such as a bone void filler to fill voids or gaps of the skeletal system in the extremities, spine, and pelvis not intrinsic to the stability of the bony structure; in the treatment of surgically treated osseous defects or osseous defects created from traumatic injury to the bone.
- **OSTEOPLANT CANCELLOUS BLOCK, OSTEOPLANT CANCELLOUS BLOCK DENSE**, **OSTEOPLANT CANCELLOUS DOWEL DENSE AND OSTEOPLANT CANCELLOUS DOWEL** may be used in surgical procedures such as a bone void filler to fill voids or gaps of the skeletal system in the extremities, spine, and pelvis not intrinsic to the stability of the bony structure; in the treatment of surgically treated osseous defects or osseous defects created from traumatic injury to the bone. They are also intended to be used in the spine for posterolateral fusion.

- **OSTEOPLANT CUP, OSTEOPLANT HALF CUP, OSTEOPLANT FLEX ACETABULAR MAT AND OSTEOPLANT HEMI FEMORAL HEAD** may be used in surgical procedures for acetabular reconstruction to recreate the acetabular pavement such as in hip prosthesis revision surgery and in trauma surgery.
- **OSTEOPLANT CANCELLOUS WEDGE FOR PLATE AND OSTEOPLANT CANCELLOUS WEDGE** are indicated for osteotomies, especially in surgical procedures such as additional corrective tibial and femoral osteotomy and prosthesis revision surgery to fill tibial plate defects**.**
- **OSTEOPLANT CANCELLOUS DIHEDRON** may be used in surgical procedures such as distal realignment of the tendon of the knee in the event of femoral-kneecap syndrome with additional vertical osteotomy of the tibial tuberosity and in the treatment of proximal fractures of the humerus**.**
- **OSTEOPLANT CANCELLOUS CORTICAL STICK** may be used in surgical procedures such as spinal surgery in posterior intersomatic fusions, surgery to the hand in minor arthrodesis or pseudoarthrosis, knee and hip revision surgery where there are minor peri-prosthetic fissures to the femur or tibia, surgical procedures for posterolateral fusions and arthrodesis of small joints like hand, wrist, foot, ankle and vertebras.
- **OSTEOPLANT FLEX CANCELLOUS STRIP** may be used in spine surgery for posterolateral vertebral fusion.
-**OSTEOPLANT FLEX CANCELLOUS DISK** may be used for bone regeneration in burr holes after craniotomy.

• Restrictions on use /target population:

The device is single use and single patient; it cannot be reused or re-sterilized.
All **OSTEOPLANT** devices must be used exclusively by experienced dentists and/or surgeons. The device has not been tested on pregnant patients. The device has not been tested on children who have not reached skeletal maturity.
OSTEOPLANT CORTICAL PIN must be used only by surgeons who gained a full expertize on the use of this device, on patients aged between 40 and 90 years, for whom conservative treatment, controlled for at least 3 months, had no effect. A rigorous clinical and radiological diagnosis must be performed for each patient. The device cannot be used on patients with lumbar pain of a different origin than the facet joint syndrome.

• Contraindications:

- All **OSTEOPLANT devices** must not to be used in patients who present individual hypersensitivity to collagen of equine origin. Do not use in the presence of infected wounds. Do not use to guarantee the primary stability of prosthetic elements or bone portions; do not use to directly support the functional load.
- **OSTEOPLANT ANGIOSTAD AND OSTEOPLANT ACTIVAGEN** do not have an osteoconductive function. Do not use them individually as bone grafts.
- The following devices shall not be used in non-containment defects or where the containment of the device has not been maintained through the use of appropriate barriers (for example membranes): **OSTEOPLANT ANGIOSTAD, OSTEOPLANT ACTIVAGEN, OSTEOPLANT CANCELLOUS GRANULES, OSTEOPLANT CANCELLOUS CHIPS, OSTEOPLANT CANCELLOUS CORTICAL CHIPS, OSTEOPLANT ACTIVAGEN INJECTABLE PASTE AND OSTEOPLANT ACTIVAGEN MOULDABLE PASTE.**
- The following devices shall not be hydrated and shall not be applied under irrigation: **OSTEOPLANT ACTIVAGEN INJECTABLE PASTE, OSTEOPLANT ACTIVAGEN MOULDABLE PASTE, OSTEOPLANT ANGIOSTAD**.
- **OSTEOPLANT ACTIVAGEN INJECTABLE PASTE** exerts a mild osteoconductive function. Use it alone only in small bone defects (1-2 mm deep), or where a particular osteoconduction is not necessary, otherwise mix it with solid bone grafts.
- **OSTEOPLANT BLOCK FOR GLENA** must not be used in patients with more of 5 anterior dislocations, with isolated bone deficiency of the glenoid lower than 15%, with isolated bone deficiency of the glenoid associated to Hill-Sachs lesion lower than 10%, with glenoid bone deficiency higher than 25% and with Instability Severity Index Score lower than 3.

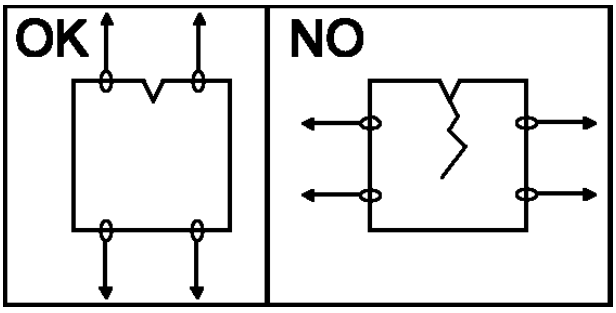
• Instructions for use:

- **OSTEOPLANT (all codes except those listed below):** Hydrate the device in sterile saline solution for at least 5 minutes. Proceed with the graft.
- **OSTEOPLANT ANGIOSTAD:** The device is ready for use. Spread a layer, no thicker than one millimeter, over the vital bone surface of the grafting site or on the graft surface (e.g. block, wedge, sheet, etc.). Then proceed to graft the desired osteoconductive material. It can also be used in combination with granular grafting material (mixing them in ratio 1:1 in volume). - **OSTEOPLANT ACTIVAGEN:** Before hydrating, mix with an osteoconductive device in granules at a ratio of 1:1 (in weight). Hydrate the mix in a sterile physiological solution for 3-5 minutes. Proceed with the graft.
- **OSTEOPLANT ACTIVAGEN INJECTABLE PASTE/ OSTEOPLANT ACTIVAGEN MOULDABLE PASTE:** The device is ready for use.
- **OSTEOPLANT FLEX CORTICAL MEMBRANE:** If necessary, shape the membrane before hydrating. Hydrate in a sterile physiological solution for 1-2 minutes. Position in such a way that 1) the entire graft is covered and 2)

there is a superimposition of at least 3 mm between the membrane and the patient's bone all around the graft site. Fix the membrane to the patient's bone by means of osteosynthesis.
- **OSTEOPLANT CANCELLOUS FLEX:** Hydrate the graft for 1-2 minutes with sterile physiologic solution. Place the graft and, if not used inside the maxillary sinus by the Tulasne technique, fix it by means of osteosynthesis. Protect the grafted site with a suitable membrane (such as Heart pericardium membrane).
- **OSTEOPLANT CORTICAL FLEX:** shape the graft without hydrating it (sterile scissors are sufficient). Eliminate the sharp edges of the graft with a rotating burr. Place the graft and, if not used inside the maxillary sinus by the Tulasne technique, fix it by means of osteosynthesis. Graft the volume below the cortical graft with, for example, bone granules.

• **Precautions:**

- Use of the device in direct combination with pharmaceutical products has not been tested. - The device may vary in color between white and ivory, due to the natural origin of bone tissue and the production process applied. Such coloring does not entail variations in the device's properties.
- The devices must be grafted exclusively into vital bone tissue. Make sure that the device is placed in direct contact with the vital bone tissue. Properly prepare the graft site, by eliminating any fibrous tissue residues and, if necessary, making some perforations of the receiving bone bed in order to favor the initial phases of bone regeneration.
- The use of components of autologous/homologous origin in combination with Bioteck devices is not contraindicated but has to be performed at the discretion of the surgeon and should be decided from patient to patient, based on the individual's medical condition. The combination with autologous/homologous component is not a standardized procedure (each human derivative acts differently accordingly to its source and to the procedure used for its collection and its combination with Bioteck devices), therefore it introduces additional variables to the surgery outcomes.
- When the restoration of the periosteal coverage is not possible or not certain, protect the graft site from epithelial invasion with a suitable membrane.
- In the following cases the device must be used with particular care: acute or chronic infections (e.g. osteomyelitis) of the surgical site; uncontrolled metabolic disorders, such as diabetes, osteomalacia, thyroid dysfunction, severe renal or hepatic diseases; long-lasting cortisone therapy; autoimmune diseases; radiotherapy; chemotherapy; use of bisphosphonates; chain smokers (> 10 cigarettes/day).
- **OSTEOPLANT CANCELLOUS BONE BLOCKS/WEDGES/DOWELS, OSTEOPLANT FEMORAL HEMI-HEAD, OSTEOPLANT CUP OR HALF CUP, OSTEOPLANT CORTICAL ROD:** Shape the graft with sterile tools in order to 1) adapt the form to the graft site as much as possible, guaranteeing maximum contact between the graft surface and vital patient bone, in case of small gaps still present, use granular grafts to fill them and 2) eliminate sharp corners that could damage soft tissue. Ensure that primary graft stability is guaranteed, using osteosynthesis means if appropriate (lack of mutual movements between the graft and the vital patient bone). If the device, in the form of cancellous block, is used for vertical and/or horizontal increases of the jaw, we recommend not exceeding a 5 mm increase in the jaw and 3 mm increase in the mandible; we also recommend using a long-lasting or non-resorbable membrane and programming implant placement not before 8-9 months from the grafting.
-- **OSTEOPLANT CHIPS OR GRANULES OF CANCELLOUS AND/OR CORTICAL BONE:** Arrange the chips on the graft site without applying excessive compression (if the granules are too compressed, the space between one granule and the next is reduced, and the forming blood vessels cannot permeate the graft). Any presence of a fraction of granules of a smaller dimension to that stated on the label may be due to partial fragmentation of the device during transport and does not entail variations in the properties of the device itself.
- **OSTEOPLANT ACTIVAGEN:** The device does not act as an osteoconductive bone substitute, but rather as a bone promoter, and must therefore always be mixed with osteoconductive grafting material in the proportions provided in the paragraph "Instructions for use".
- **OSTEOPLANT ANGIOSTAD:** The device does not act as an osteoconductive bone substitute, but rather as a bone promoter, and must therefore always be used with osteoconductive grafting material as reported in the paragraph "Instructions for use".
- **OSTEOPLANT FLEX CANCELLOUS/ CORTICAL (any format):** To minimize the probability of graft breakage, shape with sterile tools as required before hydrating. Ensure that primary graft stability is guaranteed, using osteosynthesis means if appropriate (lack of mutual movements between the graft and the vital patient bone). For grafts with OSTEOPLANT FLEX Cortical, the graft itself acts as an epithelial anti-invasion membrane, thus there is no need to protect the site with a membrane.



- **OSTEOPLANT FLEX CORTICAL MEMBRANE** has a compulsory direction of traction, as indicated by indentation on one side. Apply any traction force parallel to this direction (see drawing). The membrane must ALWAYS BE STABILISED, using appropriate osteosynthesis means. **Important note:** As they are partially demineralized, flexible formats are almost completely radiolucent (radiolucency has been observed up to 3 months from grafting).

• Adverse effects: The device is biocompatible; no side effects attributable to the device have been clinically found. Latex free: the device contains no latex.

• Potential complications:

Possible complications that can arise in any surgical procedure include: swelling of the operated site, hemorrhage, local inflammation, serum leakage from the wound, reopening of the wound, local inflammation, bone loss, infection or pain.

• Sterilization and storage: The device is sterilized by beta radiation at 25 kGy. Store out of direct sunlight in a cool, dry place, at a maximum temperature of 25°C + 2°C. The device can be stored/transported at temperatures up to 40°C for short periods (less than 6 continuative months). If stored correctly, the package seal and device sterility is guaranteed for 5 years as from date of manufacture (see expiry date on the external label).

• Packaging:

- OSTEOPLANT (all codes except those listed below): One piece in double PETG blister pack. Informative leaflet. Alternatively, one piece enclosed in a double OPA-OPA / OPA-Aluminum pouch. Informative leaflet.

OSTEOPLANT GRANULES and ACTIVAGEN: Glass bottle in single PETG blister pack. Informative leaflet. Alternatively, a glass bottle inserted in a OPA-Aluminum or OPA-OPA pouch. Informative leaflet.

OSTEOPLANT paste or gel formats: PP or PETG syringe in double PETG blister pack. Informative leaflet. Alternatively, a PP or PETG syringe in a double OPA-OPA / OPA-Aluminum pouch. Informative leaflet.

• Patient labels: For formats in blister/pouches: six copies are present on the outer blister/pouch, which can be removed in order to be affixed on the medical record. For all other packaging types, patient labels are provided inside of the package.

• Breakage of casing and disposal of packaging: Do not use the device if the packaging is damaged. The materials used to make the packaging do not require special disposal.

• Manufacturer: Bioteck S.p.A., Via E. Fermi 49 - 36057 Arcugnano (VI), Italy. Produced in the plant at no. 3 Via G. Agnelli - 10020 Riva presso Chieri (Turin), Italy.

• Risk Class

The risk class of this device, according to current EEC regulations is III (three).

• Codes

OB-01-05	OSTEOPLANT Cancellous Chips	Cancellous Chips - 1 pc / 5cc 4-6mm
OB-01-10	OSTEOPLANT Cancellous Chips	Cancellous Chips - 1 pc/10cc 4-6mm
OB-01-10A	OSTEOPLANT Cancellous Chips	Cancellous Chips - 1 pc./10cc. 2-4mm.
OB-01-15	OSTEOPLANT Cancellous Chips	Cancellous Chips - 1 pc/15cc 4-6mm
OB-01-20	OSTEOPLANT Cancellous Chips	Cancellous Chips - 1 pc./20cc. 4-6mm.
OB-01-20A	OSTEOPLANT Cancellous Chips	Cancellous Chips - 1 pc / 20cc 2-4mm
OB-01-30	OSTEOPLANT Cancellous Chips	Cancellous Chips - 1 pc./30cc. 4-6mm.
OB-01-30A	OSTEOPLANT Cancellous Chips	Cancellous Chips - 1 pc./30cc. 2-4mm.
OB-01-35	OSTEOPLANT Cancellous Granules	Cancellous Granules - 1 btl / 3gr. 0.25-1mm.
OB-01-50	OSTEOPLANT Cancellous Chips	Cancellous Chips - 1 pc./50cc. 4-6mm.
OB-01-55	OSTEOPLANT Cancellous Granules	Cancellous Granules - 1 btl / 5g 0.25-1mm
OB-01-90	OSTEOPLANT Cancellous Chips	Cancellous Chips - 1 pc./90cc. 4-6mm.
OB-02-01	OSTEOPLANT Cancellous Cortical Chips	Cancellous Cortical Chips - 1 pc./ 10cc. 4-6mm.

OB-02-02	OSTEOPLANT Cancellous Cortical Chips	Cancellous Cortical Chips - 1 pc./ 15cc. 4-6mm.
OB-02-03	OSTEOPLANT Cancellous Cortical Chips	Cancellous Cortical Chips - 1 pc./ 20cc. 4-6mm.
OB-02-04	OSTEOPLANT Cancellous Cortical Chips	Cancellous Cortical Chips - 1 pc./ 30cc. 4-6mm.
OB-02-08	OSTEOPLANT Cancellous Chips	Cancellous Chips - 1 pc./ 8cc. 2-4mm.
OB-02-10	OSTEOPLANT Cancellous Chips	Cancellous Chips - 1 pc./ 2cc. 4-6mm.
OGS-03A	OSTEOPLANT Cancellous Granules	Cancellous Granules - 1 btl / 3g 0.25-1mm
OGS-05A	OSTEOPLANT Cancellous Granules	Cancellous Granules - 1 btl / 5g 0.25-1mm
OGS-AC10	OSTEOPLANT Activagen	DBM Granules - 1 btl. / 1.0 cc.
OGS-AC20	OSTEOPLANT Activagen	DBM Granules - 1 btl. / 2.0 cc.
OGS-AC5	OSTEOPLANT Activagen	DBM Granules - 3 btl / 0.5 cc.
OGS-AC5n	OSTEOPLANT Activagen	DBM Granules - 1 btl / 0.5 cc
OGS-ACI10	OSTEOPLANT Activagen Injectable Paste	DBM Injectable Paste - 1 syr. / 10 cc.
OGS-ACI2	OSTEOPLANT Activagen Injectable Paste	DBM Injectable Paste - 1 syr. / 2 cc.
OGS-ACI5	OSTEOPLANT Activagen Injectable Paste	DBM Injectable Paste - 1 syr. / 5 cc.
OGS-ACM1	OSTEOPLANT Activagen Mouldable Paste	DBM Mouldable Paste - 1 syr. / 1 cc.
OGS-ACM10	OSTEOPLANT Activagen Mouldable Paste	DBM Mouldable Paste - 1 syr. / 10 cc.
OGS-ACM2	OSTEOPLANT Activagen Mouldable Paste	DBM Mouldable Paste - 1 syr. / 2 cc.
OGS-ACM40	OSTEOPLANT Activagen Mouldable Paste	DBM Mouldable Paste - 1 syr. / 0.5 cc.
OGS-ACM5	OSTEOPLANT Activagen Mouldable Paste	DBM Mouldable Paste - 1 syr. / 5 cc.
OGS-ACM500	OSTEOPLANT Activagen Mouldable Paste	DBM Mouldable Paste - 3 syr. / 0.5 cc.
OGS-ACM501	OSTEOPLANT Activagen Mouldable Paste	DBM Mouldable Paste - 1 syr / 0.5 cc
OGS-ACM600	OSTEOPLANT Activagen Mouldable Paste	DBM Mouldable Paste - 3 syr. / 1 cc.
OGS-ACM601	OSTEOPLANT Activagen Mouldable Paste	DBM Mouldable Paste - 1 syr / 1 cc
OGS-GEL1	OSTEOPLANT Angiostad	DBM Gel - 3 syrs 1ml/syr
OGS-GEL1n	OSTEOPLANT Angiostad	DBM Gel - 1 syr 1ml
OGS-GEL2	OSTEOPLANT Angiostad	DBM Gel - 1 syr. / 2 ml.
OMC-03	OSTEOPLANT Cancellous Dowel	Cancellous Dowel - 1 pc. Ø 12 x 20 mm.
OMC-04	OSTEOPLANT Cancellous Dowel	Cancellous Dowel - 1 pc. Ø 14 x 20 mm.
OMC-05	OSTEOPLANT Cancellous Dowel	Cancellous Dowel - 1 pc. Ø 16 x 20 mm.
OMC-05S	OSTEOPLANT Flex Cancellous Disk	Flex Cancellous Disk - 1 pc. Ø 16 x 5 mm.
OMC-15d	OSTEOPLANT Cancellous Dowel dense	Cancellous Dowel - 1 pc. Ø 15 x 40 mm.
OMC-50b	OSTEOPLANT Cancellous Block dense	Cancellous Block - 2 pc. 30 x 20 x 12 mm.
OMC-50b1	OSTEOPLANT Cancellous Block dense	Cancellous Block- 1 pc. 30 x 20 x 12 mm.
OMC-60	OSTEOPLANT Cancellous Dowel	Cancellous Dowel - 1 pc. Ø 8 x 9 mm
OMC-70	OSTEOPLANT Cancellous Dowel	Cancellous Dowel - 1 pc. Ø 11 x 9 mm
OMC-80	OSTEOPLANT Bone Block for Glena	Bone Block for Glena - 1 pc 22 x 8 x 9 mm
OSP-01	OSTEOPLANT Cancellous Block	Cancellous Block - 1 pc. 20 x 20 x 10 mm.
OSP-010P	OSTEOPLANT Cancellous Wedge for Plate	Cancellous Wedge - 1 pc. 50 x 40 x 10 mm.
OSP-0125P	OSTEOPLANT Cancellous Wedge for Plate	Cancellous Wedge - 1 pc. 50 x 40 x 12.5 mm.

OSP-01A	OSTEOPLANT Cancellous Block	Cancellous Block - 1 pc. 10 x 10 x 10 mm.
OSP-01B	OSTEOPLANT Cancellous Block	Cancellous Block - 1 pc. 10 x 10 x 20 mm.
OSP-01B2	OSTEOPLANT Cancellous Block	Cancellous Block - 2 pc. 10 x 10 x 20 mm.
OSP-02	OSTEOPLANT Cancellous Block	Cancellous Block - 1 pc. 50 x 40 x 5 mm.
OSP-02B	OSTEOPLANT Cancellous Block	Cancellous Block - 1 pc. 40 x 30 x 10 mm.
OSP-03	OSTEOPLANT Cancellous Block	Cancellous Block - 1 pc. 50 x 40 x 10 mm.
OSP-04	OSTEOPLANT Hemi Femural-Head	Hemi Femural-Head - 1 pc. Ø 60 x 20 mm.
OSP-0452	OSTEOPLANT Cup	Cancellous Cup - 1 pc. Ø 52 x 24 mm
OSP-0452A	OSTEOPLANT Half Cup	Cancellous Half Cup - 1 pc. Ø 52 x 24 mm
OSP-0456	OSTEOPLANT Cup	Cancellous Cup - 1 pc. Ø 56 x 24 mm.
OSP-0456A	OSTEOPLANT Half Cup	Cancellous Half Cup - 1 pc. Ø 56 x 24 mm
OSP-0460	OSTEOPLANT Cup	Cancellous Cup - 1 pc. Ø 60 x 24 mm.
OSP-0460A	OSTEOPLANT Half Cup	Cancellous Half Cup - 1 pc. Ø 60 x 24 mm
OSP-05	OSTEOPLANT Cancellous Wedge	Cancellous Wedge - 1 pc. 40 x 30 x 10 Final 2mm.
OSP-05B	OSTEOPLANT Cancellous Wedge	Cancellous Wedge - 1 pc. 40 x 30 x 15 Final 2 mm.
OSP-06	OSTEOPLANT Cancellous Wedge	Cancellous Wedge - 1 pc. 50 x 40 x 10 Final 2mm.
OSP-06B	OSTEOPLANT Cancellous Wedge	Cancellous Wedge - 1 pc. 50 x 40 x 15 Final 2 mm
OSP-07	OSTEOPLANT Cancellous Wedge	Cancellous Wedge - 1 pc. 50 x 20 x 20 Final 2 mm.
OSP-070	OSTEOPLANT Flex Acetabular Mat	Cancellous Acetabular Mat - 1 pc. Ø 70 x 5-7 mm.
OSP-075P	OSTEOPLANT Cancellous Wedge for Plate	Cancellous Wedge - 1 pc. 50 x 40 x 7.5 mm.
OSP-07A	OSTEOPLANT Cancellous Dihedron	Cancellous Dihedron - 1 pc. 50 x 20 x 10 mm.
OSP-08	OSTEOPLANT Cortical Rod	Cortical Rod - 1 pc. 80 x 20 x 6 mm.
OSP-09	OSTEOPLANT Cortical Rod	Cortical Rod - 1 pc. 100 x 20 x 6 mm.
OSP-10	OSTEOPLANT Cortical Rod	Cortical Rod - 1 pc. 120 x 20 x 6 mm.
OSP-20B	OSTEOPLANT Cancellous Cortical Stick	Cancellous Cortical Stick - 2 pcs. 50 x 8 x 5 mm.
OSP-30	OSTEOPLANT Cancellous Cortical Stick	Cancellous Cortical Stick - 2 pcs. 100 x 8 x 5 mm.
OSP-FIX6	OSTEOPLANT Cortical Pin	Cortical Pin - 6 pcs Ø 4,8 - 5 x 8 mm
OTC-C1	OSTEOPLANT Cortical Flex	Cortical Sheet - 1 pc. 25 x 25 x 2-2.5 mm.
OTC-C2	OSTEOPLANT Cortical Flex	Cortical Sheet - 1 pc 20-25 x 30-35 x 0.9 mm
OTC-C4	OSTEOPLANT Cortical Flex	Cortical Sheet - 1 pc. 40 x 40 x 1-2.5 mm.
OTC-C7	OSTEOPLANT Cortical Flex	Cortical Sheet - 1 pc. 50 x 50 x 1-2.5 mm.
OTC-C8	OSTEOPLANT Cortical Flex	Cortical Sheet for Cotyloid - 1 pc. 70 x 70 x 1-2.5 mm.
OTC-C9	OSTEOPLANT Cortical Flex	Cortical Sheet - 1 pc. 40 x 40 x 0.7 mm.
OTC-CE	OSTEOPLANT Flex Cortical Membrane	Cortical Membrane - 1 pc. 25 x 25 x 0.2 mm.
OTC-CE2	OSTEOPLANT Flex Cortical Membrane	Cortical Membrane - 1 pc. 50 x 25 x 0.2 mm.
OTC-S1	OSTEOPLANT Cancellous Flex	Cancellous Sheet - 1 pc. 25 x 25 x 3 mm.
OTC-S10	OSTEOPLANT Cancellous Flex	Cancellous Block - 1 pc. 50 x 20 x 15 mm.
OTC-S12	OSTEOPLANT Cancellous Flex	Cancellous Dowel - 1 pc. Ø 12 x 30 mm.
OTC-S19	OSTEOPLANT Cancellous Double Dowel Flex	Double Drilled Dowel Flex - 1 pc. Ø 15/12 x 30mm.
OTC-S2	OSTEOPLANT Cancellous Flex	Cancellous Sheet - 1 pc. 40 x 40 x 3 mm.

OTC-S3	OSTEOPLANT Cancellous Flex	Cancellous Sheet - 1 pc. 30 x 20 x 3 mm.
OTC-S4	OSTEOPLANT Cancellous Flex	Cancellous Sheet - 1 pc. 50 x 25 x 3 mm.
OTC-S5	OSTEOPLANT Cancellous Flex	Cancellous Sheet - 1 pc. 50 x 50 x 3 mm.
OTC-S7	OSTEOPLANT Cancellous Flex	Cancellous Sheet - 1 pc. 60 x 30 x 3 mm.
OTC-S8	OSTEOPLANT Cancellous Flex	Cancellous Sheet - 1 pc. 60 x 50 x 3 mm.
OTC-S9	OSTEOPLANT Flex Cancellous Strip	Flex Cancellous Strip - 2 pc. 100 x 10 x 8 mm.
OTC-S9A	OSTEOPLANT Flex Cancellous Strip	Flex Cancellous Strip - 1 pc. 100 x 10 x 8 mm.