

Why Bioactive Material

The idea of using various biomaterials to alleviate the loss of function in the human body is quite old. Since the mid-20th century, many bioinert materials from intraocular lenses to knee / hip prostheses have been successfully used to eliminate function losses in the body.

Bioinert materials are biocompatible, however, their capacity to regenerate in the body is limited and they bring various problems in their long-term use.

Although biodegradable materials have recently been proposed and have contributed to higher this limited capacity, they have not attained clinical success in the degradation stage due to their effects on the chemical environment in the defect area.

The new generation biocomposite materials are characterized by bioactive capacities coming from their design and biological integration with cells and mechanisms to trigger new tissue formation.

All implants produced by BMT BAPS are bioactive composites and support the formation of new tissue in all the indications replacing them with healthy tissue.

ChondRoD

Osteokondral Cartilage Implant

A biodegradable, three-layer, cell-free cartilage implant designed to be applied in degenerative and posttraumatic cartilage defects (lesion).

PLGA + TCP / PGA Biocomposite content provides a strong subchondral bone and hyaline-like cartilage formation.

Diameter and height options provides the possibility of application in all joints such as knee, ankle (talus) etc.

Thanks to the patented channel in the middle of the product, it allows the migration of osteoprogenitor and chondroprogenitor cells into the defect area.

Thanks to the unique surgical set, it allows for arthroscopic and minimally invasive implementation.

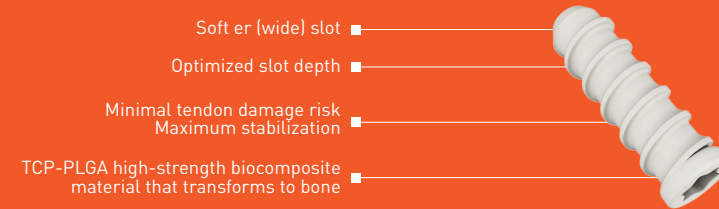
BAP19030605	ChondRoD	Ø6	mm	x L5	mm
BAP19030610	ChondRoD	Ø6	mm	x L10	mm
BAP19030805	ChondRoD	Ø8	mm	x L5	mm
BAP19030810	ChondRoD	Ø8	mm	x L10	mm
BAP19031005	ChondRoD	Ø10	mm	x L5	mm
BAP19031010	ChondRoD	Ø10	mm	x L10	mm
BAP19031507	ChondRoD	Ø15	mm	x L7	mm

A new generation of cartilage and subchondral bone repair material with international patent

Cartilage / **PGA**
Subcondral Bone / **TCP-PLGA**

Arthroscopic or minimally invasive
easy implantation

For Knee Joint and Ankle Joint
Wide size range



BAP19020625	Intas	Ø6	mm	x	L25	mm
BAP19020630	Intas	Ø6	mm	x	L30	mm
BAP19020725	Intas	Ø7	mm	x	L25	mm
BAP19020730	Intas	Ø7	mm	x	L30	mm
BAP19020825	Intas	Ø8	mm	x	L25	mm
BAP19020830	Intas	Ø8	mm	x	L30	mm
BAP19020925	Intas	Ø9	mm	x	L25	mm
BAP19020930	Intas	Ø9	mm	x	L30	mm
BAP19021025	Intas	Ø10	mm	x	L25	mm
BAP19021030	Intas	Ø10	mm	x	L30	mm
BAP19021125	Intas	Ø11	mm	x	L25	mm
BAP19021130	Intas	Ø11	mm	x	L30	mm

Biocomposite / bioactive (PLGA + TCP) interference screw designed for soft tissue grafts in the tibia / femur (ACL-PCL) without damaging and involvement the soft tissue during the cross-link reconstruction procedures;

In addition to ACL - PCL reconstructions, INTAS offers a wide range of diameter and length options, as well as medial and lateral ligament repair in the knee, medial patellafemoral ligament reconstruction (femoral fixation), biceps tendoneosis in the shoulder, and the possibility of use for the distal biceps tenodesis in the elbow, transforming into the bone the soft tap ensures better penetration into the bone.

Ratcheting sender provides ease of application to the physician.

Intas

Interference Screw

implanting
new
ideas

Pentas

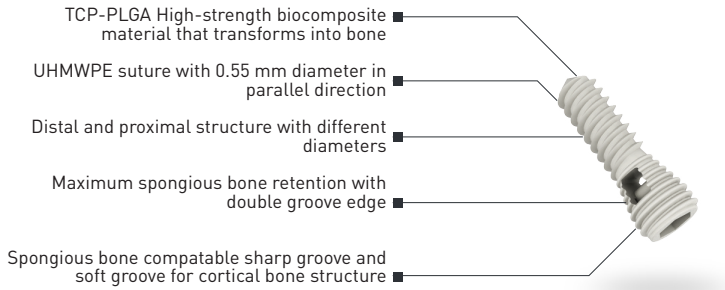
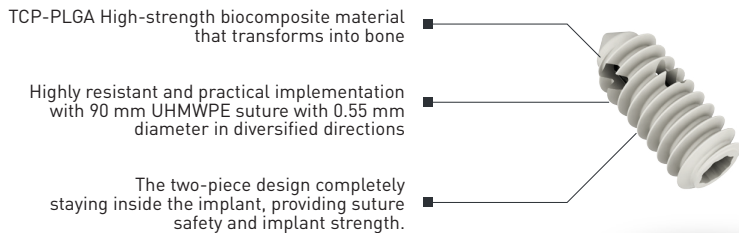
Suture Anchor

PENTAS provides various options due to the directions of the sutures which are 90 degrees right angle to each other.

PENTAS, with its patented, double-part structure, ensures that the suture remains completely in the implant and guarantees a very high strength.

PENTAS, designed on implant + double suture logic with its excellent performance from the past experience, offers excellent implementation, treatment and results to patient and physician thanks to biocomposite (PLGA + TCP) implant and UHMWPE suture materials.

BAP19055516	Pentas	Ø5.5	mm	x	L 16	mm
BAP19056516	Pentas	Ø6.5	mm	x	L 16	mm
Suture Information: 0.55 mm White + 0.55 mm Blue lined						



BAP19065516	Basat	Ø5.5	mm	x	L16	mm
BAP19066516	Basat	Ø6.5	mm	x	L16	mm
Suture Information: 0.55 mm White + 0.55 mm Blue lined						

With its different tooth characteristics and ergonomy, BASAT designed on implant + double suture logic and manufactured with minimum pull out and maximum bone retention.

In cases where revision is required, it provides sufficient bone stock to be preserved due to its ability to transform into bone.

Thanks to biocomposite (PLGA + TCP) implant and UHMWPE suture materials, it provides excellent implementation, treatment and results for patients and physicians.

Basat

Suture Anchor

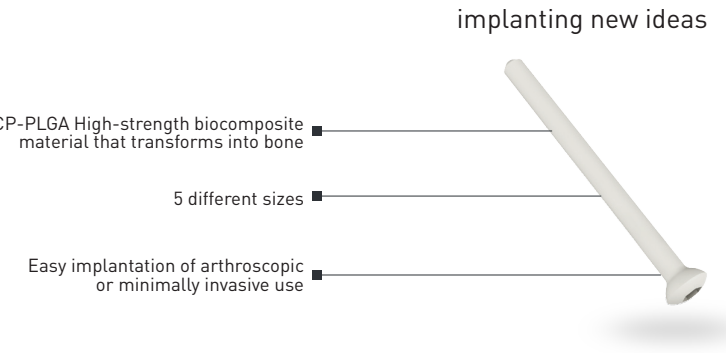
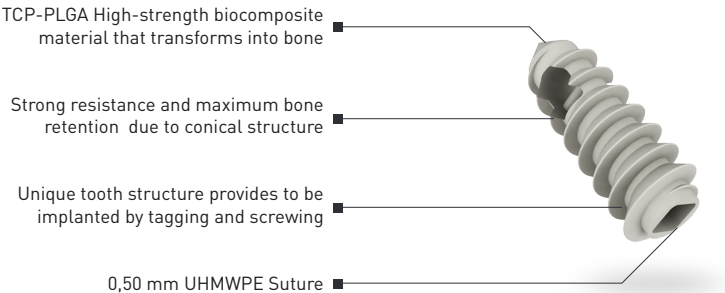
Bankas

Suture Anchor

With its conical, perfect groove and tooth structure, BANKAS, is manufactured for smaller implant areas and offers the opportunity to be tagged or screwed in with the help of specially designed sender.

Thanks to biocomposite (PLGA + TCP) implant and UHMWPE suture materials, it provides excellent implementation, treatment and results for patients and physicians.

BAP19042310	Bankas	Ø2.34	mm	x	L10	mm
Information: 0.40 mm White						



BAP19010225	BaPin	Ø2	mm	x	L25	mm
BAP19010240	BaPin	Ø2	mm	x	L40	mm
BAP19010325	BaPin	Ø3	mm	x	L25	mm
BAP19010340	BaPin	Ø3	mm	x	L40	mm
BAP19011312	BaPin Mini	Ø1.3	mm	x	L12	mm
BAP19011720	BaPin Basic	Ø1.7 - 2.3	mm	x	L20	mm

Thanks to the PLGA + TCP biocomposite structure that can be transformed to bone for traumatic joint fractures, small bone fractures and deformities, BAPIN provides ease of implementation for the physician due to its unique multi-size options and separate sender guides for each diameter.

BaPin

Bioabsorbable Pin