

## 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

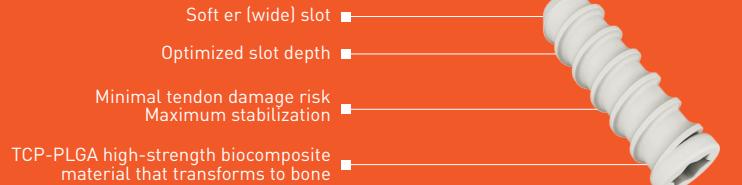
**BAP19030805** ChondRoD **Ø8** mm x L5 mm

**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



<b>BAP19020625</b>	Intas	<b>Ø6</b>	mm	x	L25	mm
<b>BAP19020630</b>	Intas	<b>Ø6</b>	mm	x	L30	mm
<b>BAP19020725</b>	Intas	<b>Ø7</b>	mm	x	L25	mm
<b>BAP19020730</b>	Intas	<b>Ø7</b>	mm	x	L30	mm
<b>BAP19020825</b>	Intas	<b>Ø8</b>	mm	x	L25	mm
<b>BAP19020830</b>	Intas	<b>Ø8</b>	mm	x	L30	mm
<b>BAP19020925</b>	Intas	<b>Ø9</b>	mm	x	L25	mm
<b>BAP19020930</b>	Intas	<b>Ø9</b>	mm	x	L30	mm
<b>BAP19021025</b>	Intas	<b>Ø10</b>	mm	x	L25	mm
<b>BAP19021030</b>	Intas	<b>Ø10</b>	mm	x	L30	mm
<b>BAP19021125</b>	Intas	<b>Ø11</b>	mm	x	L25	mm
<b>BAP19021130</b>	Intas	<b>Ø11</b>	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 patellofemoral ligament reconstruction (femoral fixation), biceps tenodesis 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 L16 mm

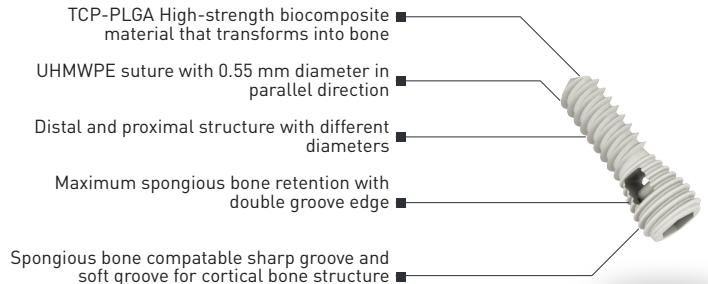
BAP19056516 Pentas Ø6.5 mm x L16 mm

Suture Information: 0.55 mm White + 0.55 mm Blue lined

TCP-PLGA High-strength biocomposite material that transforms into bone

Highly resistant and practical implementation with 90 mm UHMWPE suture with 0.55 mm diameter in diversified directions

The two-piece design completely staying inside the implant, providing suture safety and implant strength.



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 ergonomics, 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.

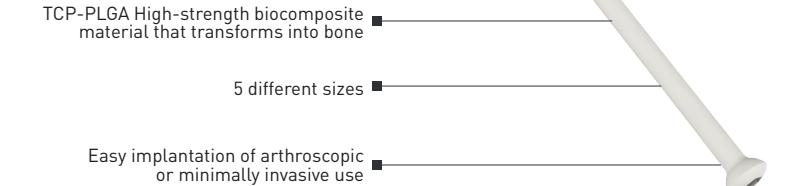
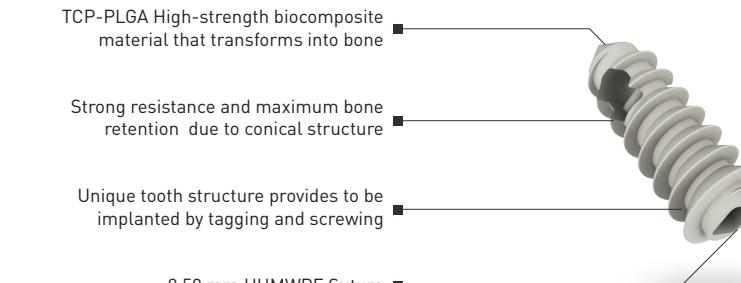
## Basat Suture Anchor

## 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