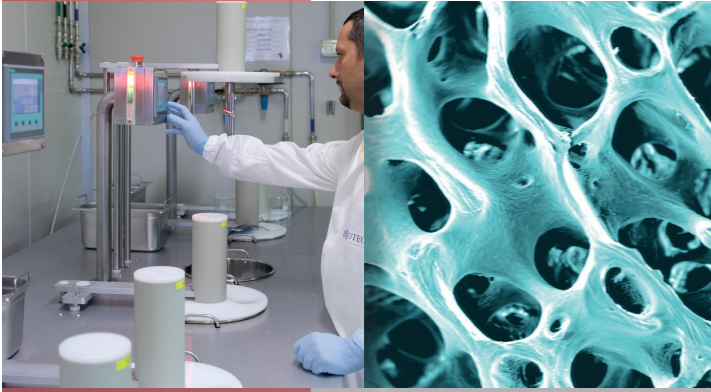


the process



## Zymo-Teck® process: the secret of the quality of grafts and membranes

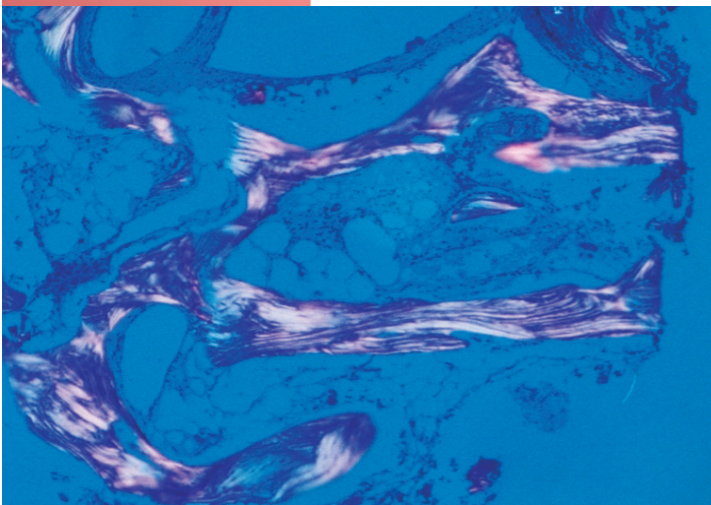


**Bioteck®**, a leader in the production of tissue substitutes of natural origin, has developed the exclusive deantigenation **Zymo-Teck®** process. The **Zymo-Teck®** process, unlike other processes based on high temperature treatments or using chemical solvents, uses enzymes, natural proteins able to precisely and selectively remove the various unwanted substances, making the tissues completely bio-compatible and devoid of treatment residues. **Zymo-Teck®** also preserves useful molecules, such as collagen in its natural structure and, operating at controlled temperatures, does not alter the structural characteristics of the tissues. The stringent in-line quality controls implemented by **Bioteck®** at all stages of processing guarantee the highest quality of grafts: to obtain the best surgical outcome.

Improve your knowledge about the Zymo-Teck® process by selecting the QR-Code on the right.



## Preserved bone collagen



Bioteck® bone graft under polarized light at the optical microscope

**Bioteck®** bone substitutes feature a wholly preserved extracellular matrix and are therefore subject to total **remodeling process in physiological time frames**. The collagen component – intact and unmodified – makes it possible to preserve the typical **load resistance** of natural bone. What is more, in its native structure bone collagen has all its distinctive effects – including acting as co-activator of endogenous growth factors and as substrate for cellular adhesion of osteoblasts – thus creating a favorable physiological environment to promote bone regeneration. The presence of bone collagen in **Bioteck®** grafts is also visible under polarized light: collagen fibers, having a regular structure, feature the characteristic refraction that makes them look lighter.

## Complete remodeling



**Bioteck S.p.A.**

*Headquarters:*

Via E. Fermi 49 - 36057 Arcugnano (Vicenza) - Italy  
Tel. +39 0444 289366 - fax: +39 0444 285272  
info@bioteck.com - www.bioteck.com

*Production and R&D Center:*

Via G. Agnelli, 3 - 10020 Riva Presso Chieri (Turin) - Italy

**Bioteck®** is an Italian company producing bone substitutes and protective membranes that are successfully used in orthopaedics, neurosurgery, oral and maxillofacial surgery.

Founded in 1995, the company continues to grow constantly and now operates in more than 50 countries around the world. A firm commitment to scientific research forms the basis for the innovative solutions offered by **Bioteck®** products. The company collaborates on numerous national and international research projects, which have driven the basic research and helped in writing important chapters in bone biology.



The in-depth knowledge acquired by **Bioteck®** through its research ensures the absolute quality of its products, which are subjected to strict environmental and quality controls, thereby guaranteeing a product meeting the highest quality and safety standards.

**Bioteck®** applies a policy of total transparency, opening up the doors of its Production and R&D Center for the monitoring of its innovative process and the intense scientific research carried out by its staff.

bioteck.com



bioteckacademy.com

In over twenty years of scientific research and clinical practice, **Bioteck®** has made an important contribution to the clinical/scientific knowledge in the field of tissue biology.

The **Bioteck Academy** is the meeting place of all the excellences that continuously contribute to the development of this knowledge and **Bioteck®** products.

The Academy has developed a culture of sharing scientific knowledge aimed at the **dissemination of best techniques and practices in the various areas of regenerative surgery** and is open to all professionals who decide to participate in this activity by sharing their surgical experience.

More information on the activities of the Academy can be found at: [www.bioteckacademy.com](http://www.bioteckacademy.com).



safetybiocompatibility

osteoconduction

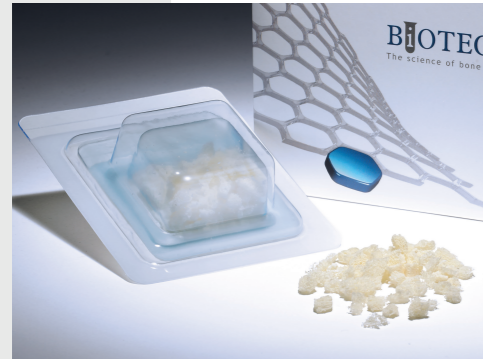
completeremodeling

naturalscaffold

osteopant  
bio-gen  
biocollagen

Code: Y\_ORT\_CATZ\_ENG rev. 20171030

## OSTEOPLANT



### cancellous bone chips

<b>OB-02-10</b>	Cancellous Chips	1 pc.	2 cc	4-6 mm
<b>OB-01-05</b>	Cancellous Chips	1 pc.	5 cc	4-6 mm
<b>OB-01-10</b>	Cancellous Chips	1 pc.	10 cc	4-6 mm
<b>OB-01-15</b>	Cancellous Chips	1 pc.	15 cc	4-6 mm
<b>OB-01-20</b>	Cancellous Chips	1 pc.	20 cc	4-6 mm
<b>OB-01-30</b>	Cancellous Chips	1 pc.	30 cc	4-6 mm
<b>OB-01-35</b>	Cancellous Chips	1 pc.	35 cc	4-6 mm
<b>OB-01-50</b>	Cancellous Chips	1 pc.	50 cc	4-6 mm
<b>OB-01-90</b>	Cancellous Chips	1 pc.	90 cc	4-6 mm



### cancellous bone blocks

<b>OSP-01</b>	Cancellous Block	1 pc.	20 x 20 x 10 mm
<b>OSP-01A</b>	Cancellous Block	1 pc.	10 x 10 x 10 mm
<b>OSP-01B</b>	Cancellous Block	1 pc.	10 x 10 x 20 mm
<b>OSP-01B2</b>	Cancellous Block	2 pc.	10 x 10 x 20 mm
<b>OSP-02</b>	Cancellous Block	1 pc.	50 x 40 x 5 mm
<b>OSP-02B</b>	Cancellous Block	1 pc.	40 x 30 x 10 mm
<b>OSP-03</b>	Cancellous Block	1 pc.	50 x 40 x 10 mm



### cancellous bone wedges

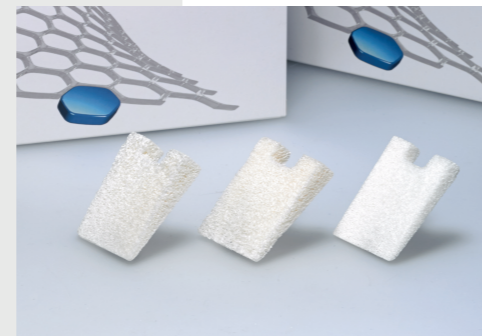
<b>OSP-05</b>	Cancellous Wedge	1 pc.	40 x 30 x 10 mm
<b>OSP-05B</b>	Cancellous Wedge	1 pc.	40 x 30 x 15 mm
<b>OSP-06</b>	Cancellous Wedge	1 pc.	50 x 40 x 10 mm
<b>OSP-06B</b>	Cancellous Wedge	1 pc.	50 x 40 x 15 mm
<b>OSP-07</b>	Cancellous Wedge	1 pc.	50 x 20 x 20 mm

**OSP-07A** Cancellous Dihedron 1 pc. 50 x 20 x 10 mm



### Bone block for glena

**OMC-80** Cancellous Wedge 1 pc. 40 x 30 x 10 mm



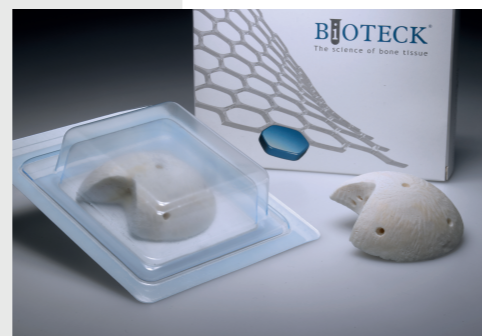
### cancellous bone wedges for plate

<b>OSP-075P</b>	Cancellous Wedge	1 pc.	50 x 40 x 7,5 mm
<b>OSP-010P</b>	Cancellous Wedge	1 pc.	50 x 40 x 10 mm
<b>OSP-0125P</b>	Cancellous Wedge	1 pc.	50 x 40 x 12,5 mm



### cancellous bone cups and half cups

<b>OSP-0452</b>	Cancellous Cup	1 pc.	∅ 52 x 24 mm
<b>OSP-0452A</b>	Cancellous Half Cup	1 pc.	∅ 52 x 24 mm
<b>OSP-0456</b>	Cancellous Cup	1 pc.	∅ 56 x 24 mm
<b>OSP-0456A</b>	Cancellous Half Cup	1 pc.	∅ 56 x 24 mm
<b>OSP-0460</b>	Cancellous Cup	1 pc.	∅ 60 x 24 mm
<b>OSP-0460A</b>	Cancellous Half Cup	1 pc.	∅ 60 x 24 mm



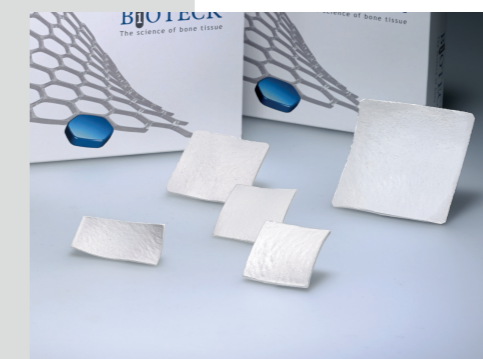
### hemi femoral-head

**OSP-04 Hemi Femoral-Head** 1 pc. ∅ 60 x 20 mm



### cancellous bone flex grafts

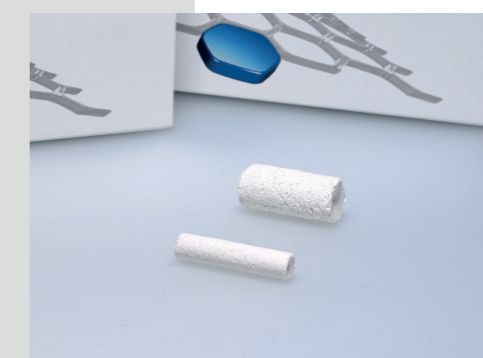
<b>OSP-070</b>	Cancellous Acetabular Mat	1 pc.	∅ 70 x 5-7 mm
<b>OTC-S3</b>	Cancellous Sheet	1 pc.	30 x 20 x 3 mm
<b>OTC-S4</b>	Cancellous Sheet	1 pc.	50 x 25 x 3 mm
<b>OTC-S5</b>	Cancellous Sheet	1 pc.	50 x 50 x 3 mm



### cortical bone flex grafts

<b>OTC-C4</b>	Cortical Sheet	1 pc.	40 x 40 x 1-2,5 mm
<b>OTC-C7</b>	Cortical Sheet	1 pc.	50 x 50 x 1-2,5 mm
<b>OTC-C8</b>	Cortical Sheet	1 pc.	70 x 70 x 1-2,5 mm
<b>OTC-C9</b>	Cortical Sheet	1 pc.	40 x 40 x 0,7 mm

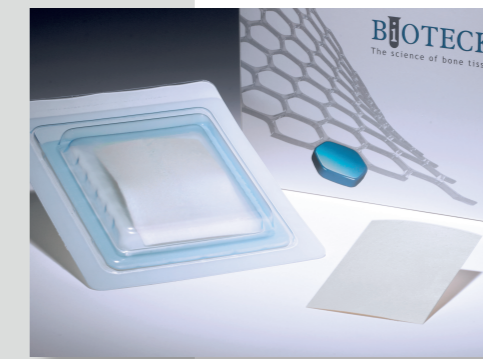
## BIO-GEN



### putty - freeze-dried bone paste cylinders

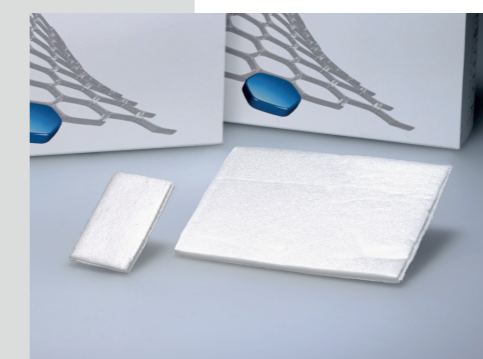
<b>BGP-03</b>	Cancellous Dry Paste	1 pc.	3 cc
<b>BGP-05</b>	Cancellous Dry Paste	1 pc.	5 cc
<b>BGP-10</b>	Cancellous Dry Paste	2 pc.	5 cc

## BIOCOLLAGEN



### collagen membranes

<b>BGC-04</b>	Collagen Membrane	1 pc.	40 x 30 x 0.2 mm
<b>BGC-05</b>	Collagen Membrane	1 pc.	50 x 50 x 0.2 mm
<b>BGC-07</b>	Collagen Membrane	1 pc.	70 x 50 x 0.2 mm



### collagen fleeces

<b>BCG-255</b>	Collagen Fleece	1 pc.	25 x 50 x 8 mm
<b>BCG-1008</b>	Collagen Fleece	1 pc.	100 x 80 x 8 mm