

Centro Empresarial Lusoworld II  
Rua Pé de Mouro, nº 26 - Linhó  
2710-335 Sintra, Portugal

Phone: (+351) 211 941 737  
e-Fax: (+351) 211 946 681

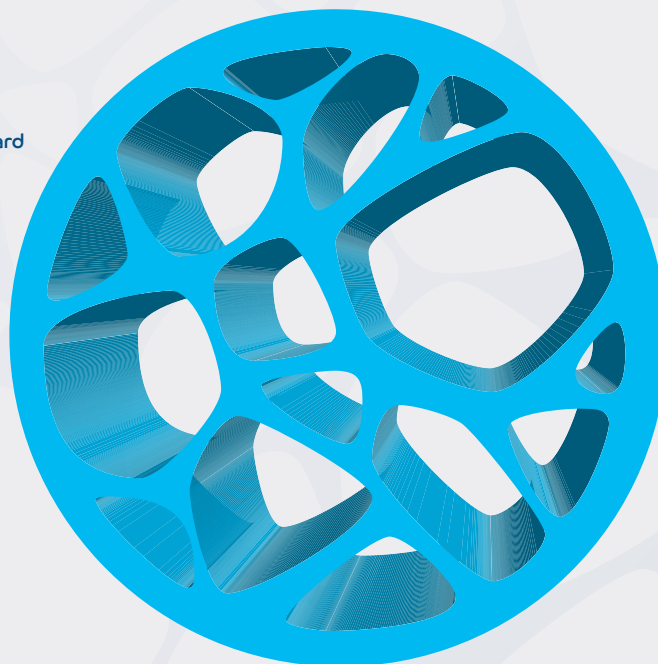
sales@medbone.eu  
www.medbone.eu



#### Awards

- Technological Innovation Award – Capgemini (2017)
- Noteworthy Distinction – Department of Materials Science – FCT NOVA (2016)
- Young Entrepreneur Award – ANJE (2012)
- Internationalization Award – Gesventure (2011)
- Businesswoman Grow Award – INOVAGAIA (2011)
- BES National Innovation Contest: Healthcare Technology (2009)
- Entrepreneurship Municipal Merit Medal – Municipality of Cascais (2009)
- Cascais Business Ideas Contest – DNA (2008)
- Best Internship 2006 Award – Metallurgical and Materials Engineering Board of the Order of Engineers (2006)
- FEMS Award – Federation of European Materials Societies (2003)

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BONE GRAFT  
**adbone® BCP**



**porous synthetic bone biomaterial**  
hydroxyapatite and beta-tricalcium phosphate



# BONE GRAFT adbone®BCP

**adbone®BCP** is a totally synthetic biphasic bone graft material made of 75% of hydroxyapatite (HAp) and 25% of beta-tricalcium phosphate ( $\beta$ -TCP).

**adbone®BCP** features a multidirectional interconnected porosity that guides the three-dimensional regeneration of the bone. As the bone healing process occurs, **adbone®BCP** is resorbed and replaced by new bone. Due to its composition, **adbone®BCP** presents a biphasic resorption.

**adbone®BCP** was designed to achieve the highest degree of porosity without compromising the mechanical resistance.



Scanning Electron Microscopy (SEM) analysis



Histology of adbone®BCP, totally surrounded by viable bone

**adbone®BCP** is intended to be used in the filling of bone voids or defects that are not intrinsic to the stability of the bone structure:

## Traumatology

### Extremities

## Spinal Surgery

### Filling of bone cavities

## Craniofacial Surgery

### Sports Surgery



### Radiopaque

adbone®BCP is radiopaque, allowing the monitorization of the graft osteointegration



### Vascularization

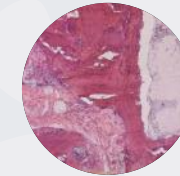
The interconnected porosity of adbone®BCP forms an ideal environment for vascularization

## Why choose adbone®BCP ?



### Easy to handle

adbone®BCP can be easily mixed with patient blood or autologous bone marrow. The hydrophilic behavior of adbone®BCP confers a high cohesivity of the particles.



### Totally synthetic

adbone®BCP does not contain animal or human tissues or derivatives

## adbone®BCP has been designed to imitate natural bone

REFERENCES	GEOMETRY	RANGE SIZES	QUANTITY
BCP010510P BCP050110P BCP010210P	Granules	0.1 - 0.5mm 0.5 - 1mm 1 - 2mm	1g x 5 Units
BCP030405G BCP030410G BCP030415G BCP030420G BCP030430G	Granules	3 - 4mm	5g x 1 Unit 10g x 1 Unit 15g x 1 Unit 20g x 1 Unit 30g x 1 Unit
BCP040705G BCP040710G BCP040715G BCP040720G BCP040730G	Crunch	4 - 7mm	5g x 1 Unit 10g x 1 Unit 15g x 1 Unit 20g x 1 Unit 30g x 1 Unit
BCP080820B BCP151520B BCP152030B	Blocks	8 x 8 x 20mm 15 x 15 x 20mm 15 x 20 x 30mm	1 Unit
BCP080820C	Cylinder	8 x 8 x 20mm	1 Unit
BCP040420F	Stick	4 x 4 x 20mm	5 Units
BCP062530W BCP082530W BCP102530W BCP122530W BCP142530W	Wedges	6 x 25 x 30mm 8 x 25 x 30mm 10 x 25 x 30mm 12 x 25 x 30mm 14 x 25 x 30mm	1 Unit

For other references and geometries, contact our team