

# SOMETIMES IT'S BETTER NOT TO MAKE THE SECOND CUT



## RESORBA<sup>®</sup> Synthetic Bone

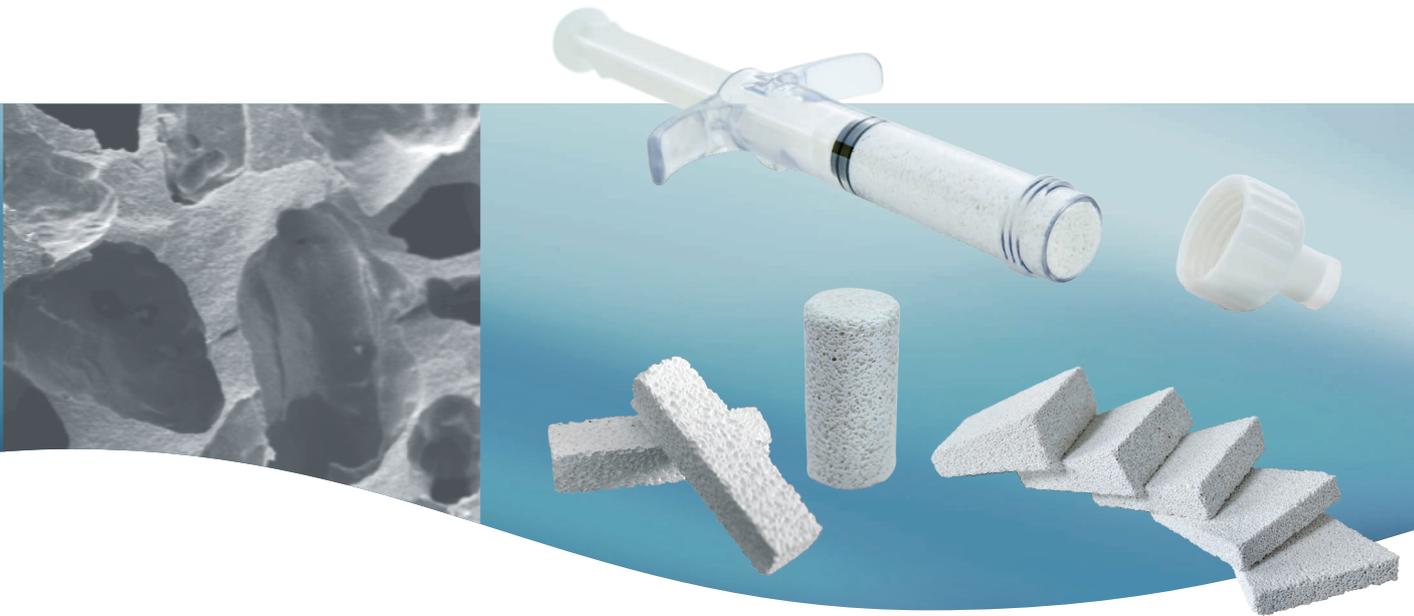
FOR ORTHOPAEDICS  
AND TRAUMA SURGERY



REPAIR AND  
REGENERATE

*RESORBA is a registered trademark and company of Advanced Medical Solutions Ltd.*

# RESORBA® Synthetic Bone



RESORBA® Synthetic Bone is produced with MBCP® Technology, a bioactive calcium phosphate ceramic composed of hydroxyapatite (HA) and Beta-Tricalcium Phosphate ( $\beta$ -TCP) closely resembling natural bone.



**Why make a second incision, prolong the duration of your surgery, create possible complications and pain at the donor site, when you have an unlimited resource of constant quality bone substitute material.**

Synthetic bone substitute materials proved to be well suited for filling and reconstructing bone defects, but can also be used as filling material for cages in spine surgery.

Resorba® Synthetic Bone is soluble and gradually dissolves in the body. The material has micropores for the exchange of the calcium and phosphate ions into the biological environment and the macropores allow deep invasion of bone cells into the matrix. Gradually the porous material will completely be replaced by healthy bone.



# RESORBA® Synthetic Bone

## INTENDED USE

RESORBA® Synthetic Bone is intended for use as a bone void filler for bony voids or gaps of the skeletal system (e.g. extremities, spine and pelvis).

## WHY MBCP® TECHNOLOGY?

- Biocompatibility
- Overall porosity
- +30 years of clinical experience
- >1.000.000 procedures
- 0 serious adverse event



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## INDICATIONS

### EXAMPLES

- Tibiplateau fractures
- Distal radius fractures
- Filling up cages in spinal surgery
- Impression fractures
- Osteotomies
- etc.

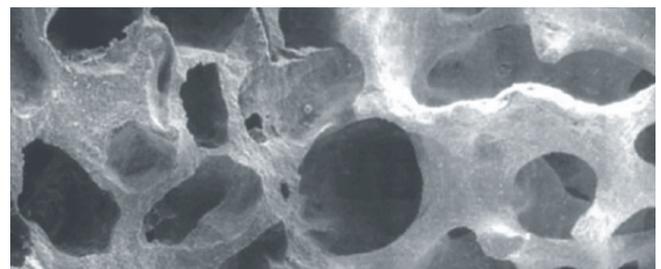


MBCP® Technology  
By Biomatlante

### CHARACTERISTICS



- Osteoconductive
- Biocompatible
- Highly porous
- Synthetic
- Bone graft extender
- Ready to use



RESORBA® Synthetic Bone

Bone

# RESORBA® GENTA-COLL® *resorb*

BENEFIT FROM THE COLLAGEN PROPERTIES  
PROVIDED BY GENTAMICIN IN COMBINATION WITH  
GENTA-COLL® *resorb*

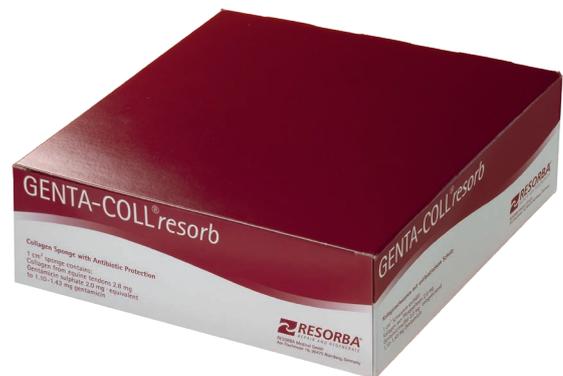
## ADD GENTA-COLL® *resorb*

GENTA-COLL® *resorb* is a haemostatic collagen sponge that contains the aminoglycoside antibiotic gentamicin sulphate to prevent infections or contamination by wound bacteria. The loose filling of the defect with GENTA-COLL® *resorb* prevents the formation of a wound haematoma, thereby reducing the risk of bacterial infection of the wound area.



**In orthopaedic surgery,  
GENTA-COLL® *resorb* supports  
the surgical procedure as an  
adjuvant measure:**

- Coverage of the implanted foreign materials (e.g. cages or metal screws)
- Prophylactic coverage
- Coverage of the surgical site and filling of soft tissue defects after debridement



## GENTA-COLL® *resorb*

Absorbable Collagen Sponges  
with Antibiotic Protection

Sponge Size	Amount	REF
2.5 x 2.5 cm	1 sponge	GC125
2.5 x 2.5 cm	5 sponges	GC525
5 x 5 cm	1 sponge	GC15
5 x 5 cm	5 sponges	GC55
10 x 10 cm	1 sponge	GC110
10 x 10 cm	5 sponges	GC510
5 x 20 cm	1 sponge	GC1520

# RESORBA<sup>®</sup> Synthetic Bone



## TECHNICAL INFORMATION AND PRODUCTS

### RESORBA<sup>®</sup> Synthetic Bone

#### Synthetic

Biphasic Calcium Phosphate (HA/ $\beta$ -TCP)

#### Two ratio available

60% HA / 40%  $\beta$ -TCP

20% HA / 80%  $\beta$ -TCP\*

#### Global Porosity of 70%

Interconnected network of macropores and micropores that enables the colonization of bone cells and biological fluid uniformly within the matrix

#### Macroporosity

Interconnected spaces that promote the biological infiltration and cellular colonization by osteoblasts and osteoclasts

#### Microporosity <10 $\mu$ m

Micropores are the intercrystalline spaces where dissolution and recrystallisation occurs

#### Osteoconductive

Provides a matrix for new bone growth

#### Bioactive

For ionic exchange: TCP dissolution and bone crystal precipitation create newly bioactive interface with bone cells

#### Sterilisation Irradiation

#### Shelf life

5 years for solid shapes – 3 years for putty

#### Available shapes

granules, sticks, wedges, cylinders, putty

Manufacturer: Biomatlante SA, 5 rue Edouard Belin,  
ZA Les Quatre Nations – 44360 Vigneux de Bretagne – France.

Bone void filler. Medical device : classe III.

Notified body : TÜV SÜD Product Service GmbH n°0123.

Read carefully the instructions for use and labels before use.



### GRANULES

Size (mm)	Quantity	REF
1.0–2.0	5cc	SB0802G05
1.0–2.0	10 cc	SB9902G10
2.0–3.0	2 cc	SB9903G02
2.0–3.0	5 cc	SB0503G05
2.0–3.0	10 cc	SB9903G10
2.0–3.0	2x8 cc	SB9903G16
2.0–3.0	2x10cc	SB0803G20
1.0–2.0	2x15cc	SB0602G30
2.0–3.0	2x15cc	SB0603G30



### CYLINDER

Length 20mm

Size (mm)	Quantity	REF
Diam 8	1	SB0408D01
Diam 9.5	1	SB0409D01
Diam 10	1	SB0410D01
Diam 12	1	SB0412D01
Diam 14	1	SB0414D01



### OSTEOTOMY WEDGES

Size (mm)	Quantity	REF
Base 5	1	SB9905C01
Base 6	1	SB9906C01
Base 8	1	SB9908C01
Base 10	1	SB9910C01
Base 12	1	SB9912C01
Rounded 6	1	SB0106C01
Rounded 8	1	SB0108C01
Rounded 10	1	SB0110C01
Rounded 12	1	SB0112C01
Rounded 14	1	SB1414C01



### STICKS

Size (mm)	Quantity	REF
5x5x10	2	SB9801B02
5x5x10	4	SB9801B04
5x5x20	2	SB9802B02
5x5x20	4	SB9802B04
10x10x10	1	SB0810B01
12x25x25	1	SB0825B01
10x30x30	1	SB0830B01
10x20x50	1	SB0850B01
10x10x40	1	SB0940B01



### PUTTY

Size (ml)	Quantity	REF
0.5	1	SB1004PU500R
1.0	1	SB1405PU010R
2.5	1	SB1105PU0250R
5.0	1	SB1106PU050R
10.0	1	SB1107PU0100R



### SYRINGE

60%HA + 40%  $\beta$ -TCP

Size	Quantity	REF
5cc	1	SB1102GS05
10cc	1	SB1102GS10

20%HA + 80%  $\beta$ -TCP\*

Size	Quantity	REF
5cc	1	SB1502M+G05
10cc	1	SB1502M+G10

\*Not available for all SKU.



# RESORBA® MORE THAN 80 YEARS OF EXPERIENCE. ARE YOU IN?



Also benefit from a world-leading independent developer and manufacturer of innovative and technologically advanced products for the global advanced wound care, surgical and wound closure markets. [admesol.com](http://admesol.com)