DISTRIBUTED BY:

BIOTECH DENTAL

NEA COVA

RESORBABLE COLLAGEN MEMBRANE

BROCHURE

BIOTECH DENTAL

BIOTECH DENTAL GROUP, 2.0 DENTAL OFFICE PARTNER.

Since its creation in 1987, Biotech Dental is committed to develop a strong relationship of trust with dentists and dental technicians. Together, we design and develop ever more tailored product lines to the challenges of the future. Our position is located at the crossroads of their expectations, innovation and technology.

Allow practitioners to offer the best products at the best prices for their patients: that is the first objective of Biotech Dental. With more than a million dental implants sold, we have helped to improve the lives of thousands of patients worldwide through all dentists who have trusted us. With our expertise and our know-how, we have chosen to be pioneers of this development through innovative technologies.

In recent years, we have integrated new skills, invested over 10 % of our turnover in research and development to be able to develop and propose solutions on the cutting edge innovation.

Today we are a key partner for practitioners of dentistry. We offer our customers a wide range of products and services around dental care, to enable them to meet the different needs of their patients.

Innovation and Technology for practitioners to make affordable excellence to patients: this is Ethical currency of Dental Biotech. As many products and services serving the dental office 2.0.

Philippe VÉRAN
CEO

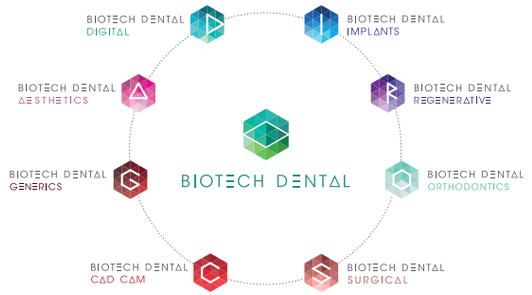


TABLE OF CONTENTS

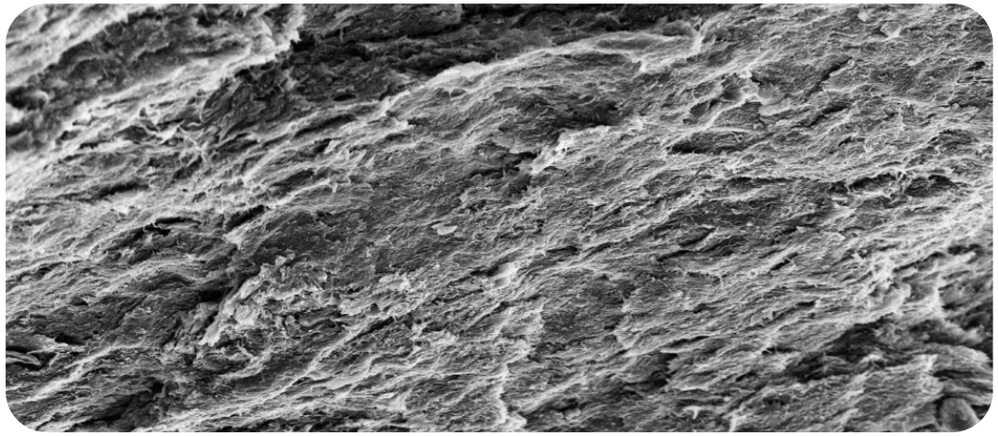
NEA COVA™

Nea Cova™ membrane is a resorbable membrane of highly purified porcine collagen (type I and III).

Phylogenetically, porcine collagen is the closest to human collagen. Porcine tissue is considered the material of choice in many medical xenograft procedures[1].

The Nea Cova™ resorbable membrane offers excellent handling property*.

Its adaptability to different bone geometries makes the surgical procedure easiest and effective.



*Internal data. Biomatlante manufacturer.

ADAPTABLE

BARRIER FUNCTION

FLEXIBLE

BARRIER FUNCTION FOR 3 MONTHS

The Nea Cova™ membrane is a cross-linked collagen membrane that combines controlled resorption time (barrier function) and flexibility*.

The Nea Cova™ membrane provides a barrier function for 12 weeks*.

*Internal data. Biomatlante manufacturer.

BENEFITS

Nea Cova™ prevents colonisation of the surgical site using connective and epithelial tissue cells for 12 weeks, allowing compliance with cleavage planes.

- BARRIER FUNCTION
- EASY TO CUT, HANDLE, POSITION & READJUST
- EXCELLENT ADHERENCE
- RESISTANT, SUTURABLE & PINNABLE
- FLEXIBLE & ADAPTABLE TO DIFFERENT BONE GEOMETRIES
- BARRIER FUNCTION FOR 3 MONTHS
- RESORBABLE

PROPERTIES

Nea Cova™ is a resorbable cross-linked collagen membrane that **combines controlled resorption and flexibility***, outlined in Guided Bone Regeneration (GBR), to promote the proliferation of osteogenic cells in a defined area.

It is used in combination with a bone substitute like Matri Inject™, allograft or autologous bone.

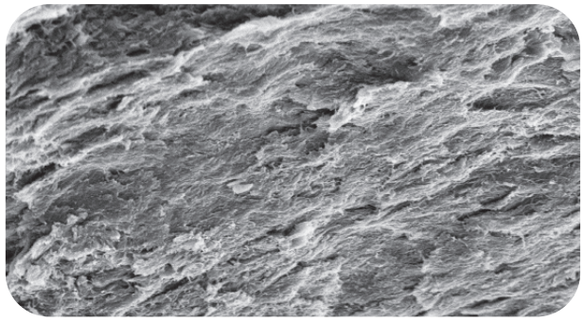
Nea Cova™ is easy to handle. **Flexible, it adapts perfectly to all bone geometries.** Its supple texture gives it **excellent setting properties without the need for sutures or fixing.**

BIOCOMPATIBILITY & SAFETY

Nea Cova™ is derived from highly purified and certified type I and III porcine collagen*.

It is obtained from a controlled manufacturing process, in accordance with the most recent international standards guaranteeing its perfect biocompatibility.

Nea Cova™ membrane is sterilised by irradiation and is packaged in a double pouch.



*Internal data. Biomatlante manufacturer.

INDICATIONS

The Nea Cova™ membrane is a resorbable guided healing membrane designed for the procedure of guided tissue regeneration (GTR) and guided bone regeneration (GBR) in dental surgery.

IMPLANTOLOGIE

- Sinus lift,
- Ridge augmentation,
- Alveolar bone regeneration,
- GBR.

RECOMMENDATIONS FOR USE & HANDLING

The Nea Cova membrane™ can be positioned dry or moist.

However for easy handling, we recommend moistening the membrane in sterile water or a saline solution **5 minutes before the final placement.**

After placement, the wound must be completely closed to prevent accelerated resorption due to membrane exposure.

NEA COVA™ RANGE

DIMENSIONS (mm)	REFERENCES
15×25 mm	NC0701EZC1525
20×30 mm	NC0702EZC2030
30×40 mm	NC0703EZC3040

BIBLIOGRAPHY

1. Delustro, Frank, et al. «Immune responses to allogeneic and xenogeneic implants of collagen and collagen derivatives.» Clinical orthopaedics and related research 260 (1990): 263-279.

2. Mau LP, Cheng CW, Hsieh PY, Jones AA. Biological complication in guided bone regeneration with a polylactic acid membrane: a case report. Implant Dent. 2012 Jun;21(3):171-4.

3. B. H. Fellah, S. Kimakhe, G. Daculsi, P. Layrolle, "Macro/Microporous Biphasic Calcium Phosphate Cylinders and Resorbable Collagen Membranes for Guided Bone Growth", Key Engineering Materials, Vols. 361-363, pp. 439-442, 2008.

4. Jégoux F, Goyenvalle E, Cognet R, Malard O, Moreau F, Daculsi G, Aguado E., Mandibular segmental defect regenerated with macroporous biphasic calcium phosphate, collagen membrane, and bone marrow graft in dogs., Arch Otolaryngol Head Neck Surg. 2010 Oct;136(10):971-8.

5. F. Jegoux, E. Goyenvalle, E. Aguado, R. Cognet, F. Moreau, G. Daculsi, "Periostal Reconstruction Using New Porcine Microstructured Collagen Membrane and Calcium Phosphate Cement: A Dog Model", Key Engineering Materials, Vols. 396-398, pp. 257-260, 2009.

6. Jégoux, F., Goyenvalle, E., Cognet, R., Malard, O., Moreau, F., Daculsi, G. and Aguado, E. (2009), Reconstruction of irradiated bone segmental defects with a biomaterial associating MBCP+®, microstructured collagen membrane and total bone marrow grafting: An experimental study in rabbits. J. Biomed. Mater. Res., 91A: 1160–1169.

7. F. Jegoux, E. Aguado, R. Cognet, O. Malard, F. Moreau, G. Daculsi, E. Goyenvalle, "Repairing Segmental Defect with a Composite Associating Collagen Membrane and MBCP® Combined with Total Bone Marrow Graft in Irradiated Bone Defect: an Experimental Study in Rabbit", Key Engineering Materials, Vols. 361-363, pp. 1245-1248, 2008.

8. Jegoux F, Aguado E, Cognet R, Malard O, Moreau F, Daculsi G, Goyenvalle E., Alveolar ridge augmentation in irradiated rabbit mandibles., J Biomed Mater Res A. 2010 Jun 15;93(4):1519-26.

For more information, please contact us.

Distributed by:

Biotech Dental SAS
305, Allées de Craponne
13300 Salon de Provence - FRANCE

Tél. : +33 (0)4 90 44 60 60
Fax : +33 (0)4 90 44 60 61

info@biotech-dental.com

www.biotech-dental.com

Manufacturer:

Biomatlante SA
5, Rue Edouard Belin
ZA - Les IV Nations
44360 Vigneux-de-Bretagne - FRANCE

NEA-BR-EN_Rév.00_12/2018

BIOTECH DENTAL

Manufacturer: Biomatlante SA
Biotech Dental SAS a french company under the french law with a capital of 24 866 417 € -
Commercial register Salon de provence: 795 001 304 - SIRET: 795 001 304 00018 - VAT number: FR 31 79 500 13 04 Implantable steril medical device CE0123 marked Class III for surgery reserved for health professionals.
Read carefully the instructions. Images are for representation purpose only. Dot not throw in public areas. Imprimerie VALLIERE - 163, Avenue du Luxembourg - ZAC des Molières - 13140 MIRAMAS.