Resorbable membrane for guided tissue and bone regeneration (GTR/GBR*)

Product safety:

Biom’Up’s technology is based on a xenogenic acellular collagen. In addition, the Biom’Up collagen extraction process integrates validated steps for the inactivation of bacteria and viruses.

**COVA™ MAX** has been designed, developed and patented (FR2944706) by Biom’Up, in compliance with European regulations (CE marking) and applicable international standards.

Each single unit of **COVA™ MAX** is double packed and sterilized by irradiation.

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<thead>
<tr>
<th>Dimensions (mm)</th>
<th>Re-order Code</th>
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<tbody>
<tr>
<td>15 x 25</td>
<td>COV12D</td>
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<tr>
<td>20 x 30</td>
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<tr>
<td>30 x 40</td>
<td>COV34D</td>
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* Guided tissue regeneration (GTR) and guided bone regeneration (GBR).
** Tested by an independent laboratory.
*** Illustration.

Manufactured by: Distributed by:

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LEGAL NOTICES:
COVA™ & MATRI™BONE - Implantable Medical Devices for surgery. For use only by healthcare professionals, not refunded by Social Security. - NOT FOR SALES IN THE USA. Carefully read the instructions on the notice or labelling prior to use. CE 0086 - BSI. Manufacturer: biom’up SA France.
Guided tissue regeneration (GTR) and guided bone regeneration (GBR) techniques share a common difficulty: the cellular competition between soft tissue and bone tissue.

COVA™ MAX is a resorbable acellular collagen membrane which can be used as a barrier between tissues to prevent colonisation of bone tissue by fibroblasts during bone regeneration and healing.

COVA™ MAX is naturally resorbed without the need for reoperation and with limited risk of inflammation.

COVA™ technology is used in dental, spinal, cardiac and abdominal surgeries.

**Indications:**

- Reconstruction of bone dehiscence
- Protection of alveolar bone fillings (GBR)
- Guided tissue regeneration
- Protective covering for bone after trepanation for sinus lifts
- Regeneration of ridges in preparation for implants
- Protective covering of filled periodontal bone defect
- Used in combination with a bone filler e.g. Biom’Up’s Matri™ BONE

**Clinical applications**

- Extraction and immediate implantation with peri-implant reconstruction
- Sinus lifting
- Post-extraction filing

**The advantages of COVA™ MAX**

- Easy to position, resized and suture
- Adapted for guided regeneration of tissue
- Designed mechanical and elastic properties provide an appropriate handling of dental surgeries
- Resorption time (13 weeks) in line with the natural regeneration/healing process
- COVA™ MAX can be resized

**References:**

2) COVA™ IFU.
3) biom’up, internal data.

**Instructions for use:**

- Hydrate COVA™ MAX at least 1 min before use
- After hydration, membrane becomes white
- Can be fixed (suture, glue...) in place

**SEM image (Scanning Electron Microscopy):** Surface of COVA™ MAX showing how the collagen fibre structure is preserved. COVA™ MAX has mechanical strength and elasticity due to the interlacing of collagen fibres and the preservation of their natural striated structure.

**References:**

2) COVA™ IFU.
3) biom’up, internal data.