

RESORBABLE COLLAGEN MEMBRANES

COMPOSITION:

Obtained from biocompatible and biodegradable materials. They are basically composed of type 1 collagen. Sterilized by gamma radiation at 25kGy.

PROPERTIES / EFFECTS:

Biocompatible, biodegradable, inert, sterile, easy to handle and with a slow reabsorption. Excellent mechanical properties in terms of permeability, elasticity, plasticity and stability.

INDICATIONS:

- Reconstruction of the alveolar ridge for prosthetic treatment.
- Protection around implants in post-extraction procedures.
- Use in the field of Guided Bone Regeneration (GBR) and Guided Tissue Regeneration (GTR)

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- Recovery of existing bone defects (after trauma or endodontic complications).
- Space coverage when the implant is placed immediately after a tooth extraction.
- Maxillary sinus lifting.
- In periodontology.

INSTRUCTIONS FOR USE:

- The general principles of sterile handling and medication of the patient must be followed.
- Complete elimination of the granulation fluid after exposure of the defect.
- Resorbable membranes must be handled in the defect using sterile instruments.
- In-situ modeling can be performed with a sterile spatula or with another instrument suitable for this purpose.
- The presentation ensures sterility until use. It is manufactured under the strictest biosecurity standards.

THERAPEUTIC ACTION:

The resorbable membrane in contact with blood induces platelet aggregation. A large number of platelets are deposited in the maize to disintegrate and release coagulation factors which, together with plasma factors, can form fibrin. The collagen matrix causes a clot buildup.

SPECIAL INSTRUCTIONS FOR USE IN PERIODONTOLOGY:

- A basic requirement of satisfactory periodontal treatment is the control of bacterial infections as well as meticulous oral hygiene. Therefore, it is recommended that, before the surgical intervention, a hygiene phase be carried out. A post-procedure maintenance phase can guarantee the long-term success of the intervention.
- In addition to the control of the platelet, the filling of periodontal defects with resorbable membranes requires satisfactory local treatment of the periodontal lesion (root planning, debridement) before implantation.

LIMITATIONS OF USE PRECAUTIONS:

Contraindication:

It should not be used in the presence of infected wounds.

Caution:

It should only be used by dentists and surgeons with training in this field.

Resorbable membranes should be used with special caution in patients with:

- Acute or synchronous infection at the surgical site.
- Uncontrolled metabolic diseases such as diabetes, thyroid disorder or severe hepatology.
- Prolonged corticotherapy.
- Autoimmune diseases.
- Radiation therapy.
- Consumption of tobacco.

Side effects:

It is not possible to completely exclude incompatibility reactions with resorbable membranes. The possible complications that can happen with any surgical procedure are: inflammation in the surgical site, flap detachment, hemorrhage, local inflammation, infection or pain.

Pregnancy and lactation:

No data are available on the use of the product during pregnancy or lactation.

For safety reasons: pregnant or lactating women should not be treated with resorbable membranes. The safety and efficacy of resorbable membranes in children before skeletal maturity have not been investigated.

PRESENTATIONS:

Resorbable Collagen membrane

15 x 20 mm	1 unit blister
20 x 30 mm	1 unit blister
30 x 40 mm	1 unit blister



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