

collygen

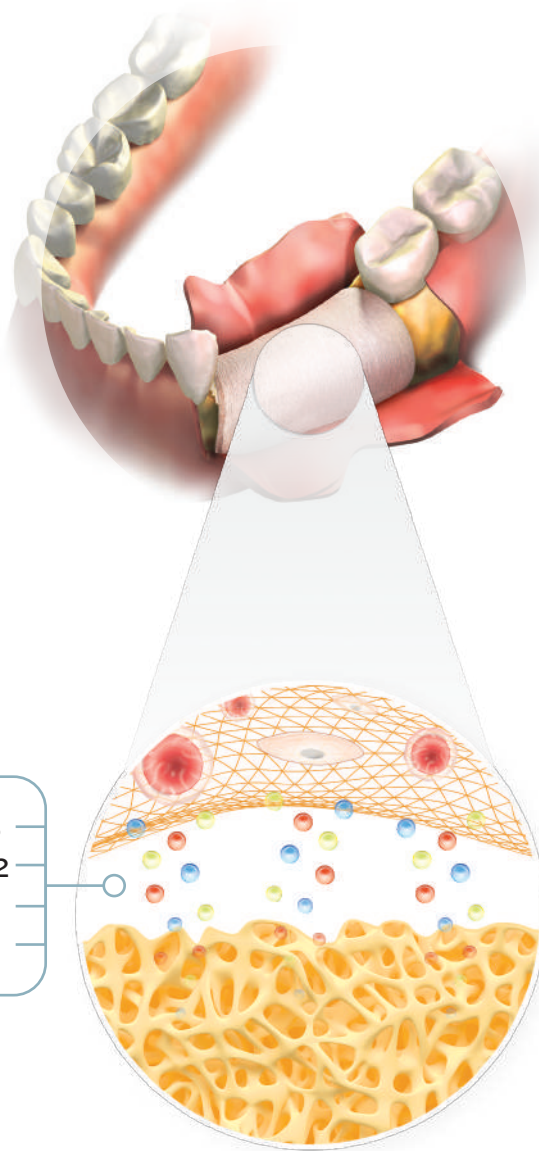
**The easy guide to protect**  
Membrana di collagene per GBR

The use of membranes to wall off non-osteogenic elements is a dominant concept in Guided Bone Regeneration. However, collagen membranes are not limited to a passive protective activity.

The membrane compartment has an intrinsic and active role in leading the regeneration process within the GBR-treated defect. Cells that migrate onto the membrane (e.g., CD68+ monocytes/macrophages, periostin-positive osteoprogenitors) express and release elements that are pivotal for bone regeneration.

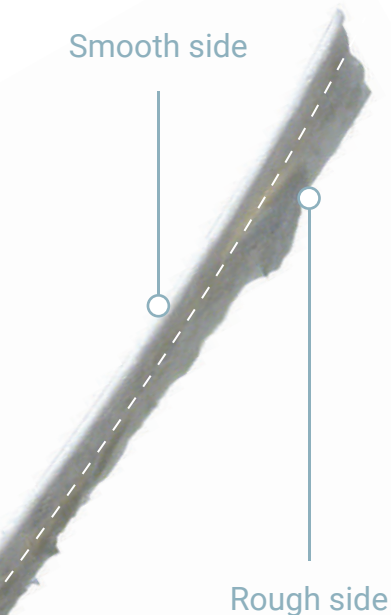
Collygen membrane participates in the bone healing process in situ through its highly purified atelocollagen structure, thus ameliorating the quality of the tissue and its subsequent remodeling.

TGF- $\beta$   
BMP-2  
FGF-2  
VEGF



## Collygen RS: the dual side membrane

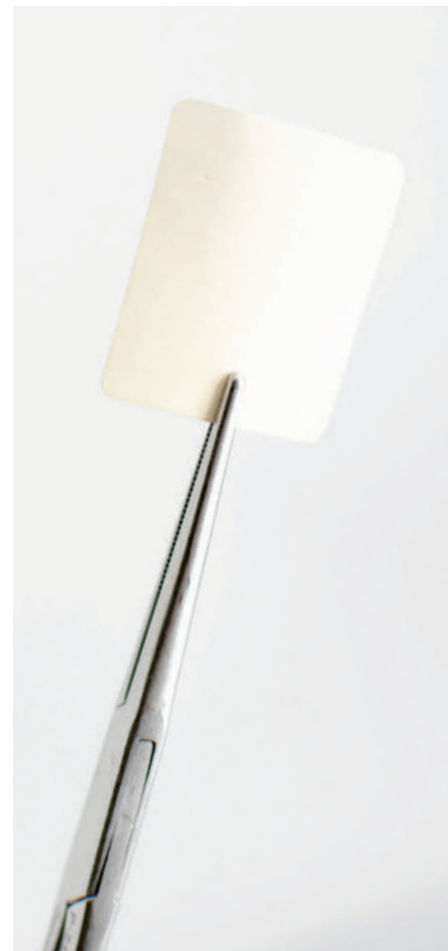
Smooth side



Rough side

Unlike the standard membranes of this line, Collygen RS displays a rough side characterized by less compact fibers with an increased surface and a tridimensional structure that improves cellular interactions and the healing process occurring in the defect.

Once the rough side is positioned with direct contact to the recipient bone and the graft, it guarantees great stability for the graft and the membrane itself.



Collygen is the new line of absorbable membranes and fleeces made of highly pure type I atelocollagen of equine origin for Guided Tissue Regeneration (GTR) and Guided Bone Regeneration (GBR) procedures.

## Collygen Membrane

Collygen membrane can be easily placed in site after bone grafting. Its collagen structure allows an easy and effective adhesion to bone graft surface ensuring an optimal protection of the implantation site by the infiltration of soft tissues, without any fixation.

### Main properties

- ✓ Equine type I atelocollagen
- ✓ Totally safe and biocompatible
- ✓ Easy to apply
- ✓ Fully absorbable
- ✓ 4 to 6 weeks protection time



## Collygen Fleece

Collygen Fleece is a moisture-stable collagen sponge which promotes the haemostasis in highly bleeding sites thanks to its porous structure. It contributes to the formation of a stable clot for the subsequent formation of fibrin bridges, thus enhancing wound healing.

Unlike the membrane, its less compact and more porous structure accelerates the resorption time.

### Main properties

- ✓ Equine type I atelocollagen
- ✓ Totally safe and biocompatible
- ✓ Easy to apply
- ✓ High haemostatic capability
- ✓ Excellent clot stabilization
- ✓ Wound protection and soft tissue healing enhancement



# Indications

## Membrane



Protection of peri-implant bone defects

Closure of small tears of the sinus membrane

Restoration of small bone dehiscences

Post-extractive socket protection

Sinus bone access coverage in sinus lift procedures

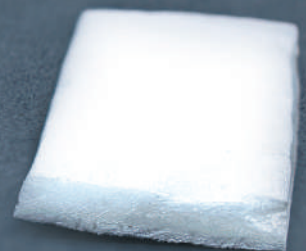
## Fleece

Bleeding control at the implantation site




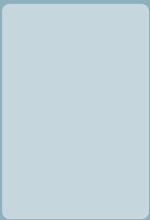
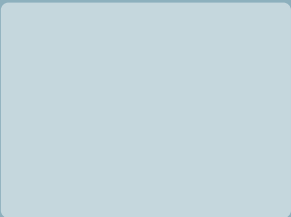
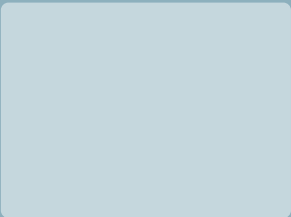
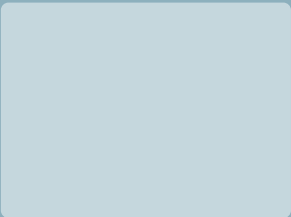
Protection of small wounds, by promoting mucosal healing

Protection of the maxillary sinus membrane

Haemostasis and preservation of post-extractive sockets



# Product range

CYF-20301	Collygen Fleece 20 x 30 x 6 mm 1 pc		15 x 20 x 0.2 mm
CYF -20303	Collygen Fleece 20 x 30 x 6 mm 3 pcs		
CYF -30401	Collygen Fleece 30 x 40 x 6 mm 1 pc		
CYF -30403	Collygen Fleece 30 x 40 x 6 mm 3pcs		
CYF -50501	Collygen Fleece 50 x 50 x 6 mm 1 pc		20 x 20 x 0.2 mm
CYF -50503	Collygen Fleece 50 x 50 x 6 mm 3 pcs		
CYM-15201	Collygen Membrane 15 x 20 x 0.2 mm 1 pc		25 x 25 x 0.2 mm
CYM -15206	Collygen Membrane 15 x 20 x 0.2 mm 6 pcs		
CYM -152010	Collygen Membrane 15 x 20 x 0.2 mm 10 pcs		
CYM -20201	Collygen Membrane 20 x 20 x 0.2 mm 1 pc		20 x 30 x 0.2 mm
CYM -20206	Collygen Membrane 20 x 20 x 0.2 mm 6 pcs		
CYM -202010	Collygen Membrane 20 x 20 x 0.2 mm 10 pcs		
CYM -25251	Collygen Membrane 25 x 25 x 0.2 mm 1 pc		
CYM -25256	Collygen Membrane 25 x 25 x 0.2 mm 6 pcs		20 x 30 x 0.2 mm
CYM -252510	Collygen Membrane 25 x 25 x 0.2 mm 10 pcs		
CYM -20301	Collygen Membrane 20 x 30 x 0.2 mm 1 pc		
CYM -20306	Collygen Membrane 20 x 30 x 0.2 mm 6 pcs		
CYM -203010	Collygen Membrane 20 x 30 x 0.2 mm 10 pcs		20 x 30 x 0.2 mm
CYM -30401	Collygen Membrane 30 x 40 x 0.2 mm 1 pc		
CYM -2020RS	Collygen RS Membrane 20 x 20 x 0.2 mm 1 pc		
CYM -2525RS	Collygen RS Membrane 25 x 25 x 0.2 mm 1 pc		
CYM -2030RS	Collygen RS Membrane 20 x 30 x 0.2 mm 1 pc		20 x 30 x 0.2 mm
CYM -3040RS	Collygen RS Membrane 30 x 40 x 0.2 mm 1 pc		

collygen



Literature



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