TISSUM®
Biomaterials

100% collagen for optimizing the regeneration process

TISSUM Collagen Strands

Resorbable collagen membrane derived from porcine pericardium.
Authorized by A.N.M.A.T. PM-2312-3

The Collagen Strands by TISSUM Biomaterials are the ideal organic component for protecting the surgical site, enriching bone grafts with collagen, and improving clot stabilization.

The threads in TISSUM Collagen Membranes have been proven to stimulate cell adhesion and proliferation. TISSUM's exclusive process generates controlled-size strands that increase the exposed surface of the microporous collagen matrix, enhancing cellular interaction and adhesion.

100% COLLAGEN FROM THE SOURCE

TISSUM Collagen Strands are derived from the milling process of TISSUM collagen membranes, obtained from porcine pericardium processing.

PROTECTIVE BIOLOGICAL BARRIER

Applying a layer of TISSUM Collagen Strands over the bone graft at the defect site creates a biological barrier, preventing soft tissue invasion and protecting the implant site.

CHEMOTAXIS: ADVANCED TISSUE REGENERATION

The collagen provided by TISSUM Strands promotes cell migration, adhesion, proliferation, and differentiation towards a regenerative profile.

ENHANCED HEMOSTATIC CAPACITY

The large contact surface of TISSUM Collagen Strands facilitates hemostasis, which is crucial for successful dental procedures.

PRESENTATIONS

Code	Presentation	Content
15 MEM H 0,25	Hebras	0,25 ml
16 MEM H 0,5	Hebras	0,5 ml
9 MEM H 1	Hebras	1,0 ml

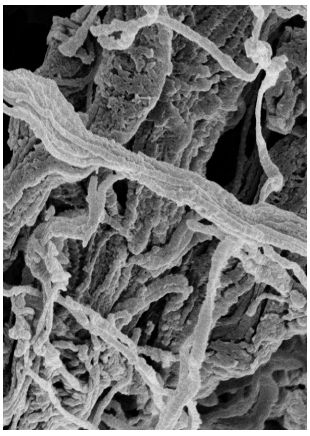
ENRICHED BONE GRAFTS

- **Rapid hydration:** Enables homogeneous mixing with bone substitutes, acting as a powerful binding agent.
- **Optimal handling and adaptability:** Allows shaping and molding of the graft for precise implant site adaptation, ensuring better control during procedures.
- **Versatile applications:** Ideal for guided bone regeneration, periodontal regeneration, and other tissue regeneration procedures.

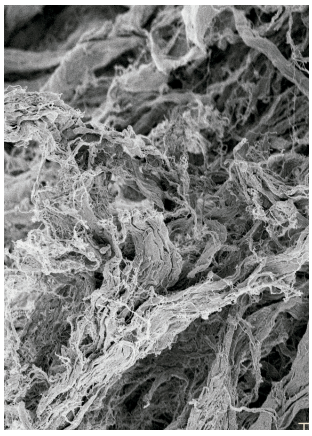
CLINICAL APPLICATIONS

- Periodontology, oral surgery, and endodontics: To promote periodontal tissue regeneration
- Implantology: To cover bone grafts
- Guided tissue regeneration: Recommended in combination with bone substitutes
- Sinus lift procedures: To protect and reinforce the sinus mucosa

MICROGRAPHS



Collagen Strand Structure (10 µm)



Collagen Strand Structure (10 µm)

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