

Resorbable Collagen Membranes For Dental Surgery

Type I Bovine Collagen Matrix Indicated For Use in Guided Tissue Procedures to Enhance Wound Healing

REGUARDE™ Collagen Membranes are resorbable, cell-occlusive barrier membranes used in guided tissue and bone regeneration procedures in oral surgery to manage oral wounds and assist in wound healing. They are commonly used in periodontal surgery as well as dental implant, bone defect, and ridge augmentation procedures. The membranes are manufactured from highly purified type I collagen and have characteristics specifically designed to meet the needs and preferences of the patient and clinician.

Features

- Higher mechanical strength for membrane stabilization in situ using either sutures or resorbable tacks
- Longer in vivo stability and resorption time, 26 - 38 weeks, for sustained function
- Optimized flexibility and rigidity for better space maintenance, which allows for desired tissue in-growth
- Either side of the membrane can be placed towards the soft tissue or bone.
- Easily trimmed and placed, wet or dry
- Highly purified type I collagen fibres derived from bovine Achilles tendon
- Gamma irradiated to sterilise
- Nonpyrogenic
- Cell occlusive - retards epithelium down growth
- Macromolecular pore size allows nutrient transfer

Available in 3 Convenient Sizes:



15mm x 20mm

16001520

Membranes Per Box: 2



20mm x 30mm

16002030

Membranes Per Box: 2



30mm x 40mm

16003040

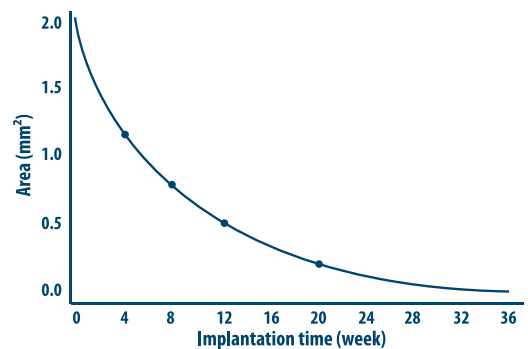
Membranes Per Box: 2

Characterization of Collagen membranes

Test	Reguarde™	Biomend®
Suture Pull-Out Strength (g)	350 ± 80	74 ± 10*
Pore Structure	Permeable to CA	0.004 μm*
In vivo Resorption (weeks)	27	4-8*

* Reported from 510K (K924408 © 2000 Society for Biomaterials)

Dependable Resorption Rate



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