**Straumann® Jason® membrane**

The native porcine pericardium membrane with a naturally long barrier function

Jason® membrane is a very thin (0.15 mm) membrane that features the beneficial biological and mechanical properties of the pericardium. The unique composition and collagen structure of the pericardium are preserved during the production process. Therefore, Jason® membrane exhibits a remarkable tear resistance and excellent surface adaptation. In addition, the degradation process of pericardial collagen network is naturally slow, resulting in a long barrier function. This makes Jason® membrane our recommended choice, particularly for large augmentative procedures.

**FEATURES**

- Native collagen type I and III membrane
- Preserved collagen structure of the natural pericardium
- Exceptionally thin: thickness of ~ 0.15 mm
- Slow degradation due to natural collagen structure of pericardium
- Easy handling and application

**BENEFITS**

- Clinically proven GBR/GTR membrane
- Excellent surface adaptation and tear resistance
- Easy fixation with pins or sutures
- Naturally long barrier function
- Particularly suited for larger augmentations

**INDICATIONS**

Implantology, periodontology and oral and craniomaxillofacial (CMF) surgery in combination with suitable augmentation materials (like autogenous bone, allogeneic, xenogeneic, or alloplastic bone replacement materials) for immediate or delayed guided tissue and bone regeneration:

- Surgical bone defects and bone wall defects
- Sinus floor augmentation and support of the Schneiderian membrane
- Maxillary ridge augmentation
- Maxillary ridge reconstruction for prosthetic treatment
- Fenestration defects
- Periodontal bone defects (1-3 wall defects) and furcation defects (class I and II)
- Dehiscence defects
- After apicectomy, cystectomy, resection of retained teeth and resection of other bone lesions
- Extraction sockets after tooth extractions
- Immediate or delayed augmentation around implants in extraction sockets

**Used to treat over 500,000 patients as of 2017**

**10 years in dentistry**

(CE mark in 2009)

**>80 scientific publications**

**Used in 100+ countries worldwide**

**Available in the following sizes:**

US and Canada

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*Data source: botiss biomaterials GmbH*
Clinical Cases

Ridge augmentation with Jason® membrane
Prof. Dr. Dr. Daniel Rothamel, University of Düsseldorf, Germany

- OPG six months after tooth extraction shows vertical bone loss #4-7
- Treatment plan: Bone-spreading in the frontal area and internal sinus floor elevation
- Implant placement and grafting with bovine granules
- Covering the site with Jason® membrane

- Tension-free soft tissue closure
- Stable soft tissue condition after six months of healing
- Prosthetic restoration one year postoperatively
- Clinical situation after 4.5 years

- Radiological situation after 4.5 years

Sinus floor lift elevation using the Jason® membrane
Prof. Dr. Dr. Daniel Rothamel, University of Düsseldorf, Germany

- Clinical situation before sinus lift
- Preparation of a lateral sinus window
- The Jason® membrane placed in the sinus cavity to protect the Schneiderian membrane

- Sinus cavity filled with bovine granules and additional lateral augmentation
- Covering of the augmentation area with Jason® membrane
- Six months post-op: Excellent osseous integration of the bone substitute without soft tissue ingrowth at time of re-entry
Maxillary bone reconstruction with Straumann® AlloGraft Ring
Dr. Ross Cutts, Cirencester, U.K.

Initial situation: Severe bone loss in lower mandible

Clinical situation after raising the flap

Direct implant placement in one incisor. Second incisor implantation of an AlloGraft Ring and an implant

Covering the site with Jason® membrane

Clinical situation 6 weeks after temporary prosthetics with natural emergence profile

The postoperative radiograph shows excellent stable bone levels 6 months after surgery

Final restoration 6 months after surgery

Bone Augmentation with Straumann® AlloGraft Custom Block
Dr. Reto Morger, Eschenbach, Switzerland

Initial situation: Severe bone loss in lower mandible

AlloGraft Custom Block in situ

Site covered with bovine granules and Jason® membrane

X-ray postoperative

Final prosthetic restoration 8 months after surgery

X-ray 2 year follow up

To learn more, contact your Straumann Territory Manager or Customer Service.
Buy online at straumanngroup.us/eShop or straumanngroup.ca/eShop