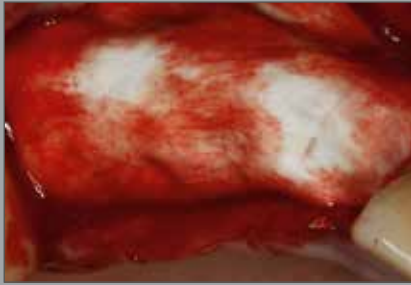


# Straumann® Jason® membrane

## The native porcine pericardium membrane with a naturally long barrier function



Courtesy of Prof. Dr. Daniel Rothamel, Dusseldorf/Germany

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

### Available in the following sizes:

US and Canada

Art.No. (US)	Art.No. (CA)	Description
BS-681520	AW-681520	15×20 mm
BS-682030	AW-682030	20×30 mm
BS-683040	AW-683040	30×40 mm

**10 years**  
in dentistry\*  
(CE mark in 2009)

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

**>80**  
scientific publications\*

Used in  
**100+**  
countries worldwide\*



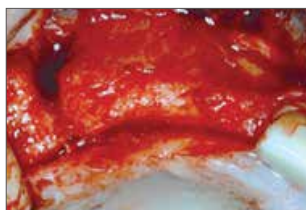
\*Data source: botiss biomaterials GmbH

## Ridge augmentation with Jason® membrane

Prof. Dr. Dr. Daniel Rothamel, University of Düsseldorf, Germany



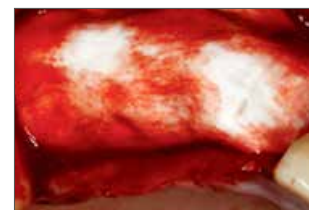
OPG six months after tooth extraction shows vertical bone loss #4-7



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



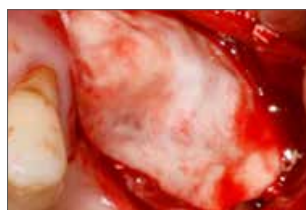
Preparation of a lateral sinus window



The Jason® membrane placed in the sinus cavity to protect the Schneiderian membrane



Sinus cavity filled with bovine granules and additional lateral augmentation

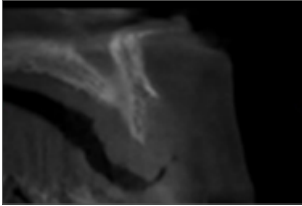


Covering of the augmentation area with Jason® membrane



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.



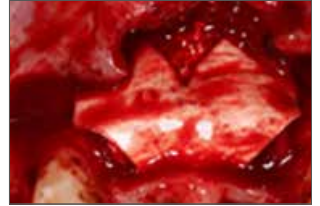
CBCT after tooth #8-9 extraction shows vertical bone loss



Clinical situation after raising the flap



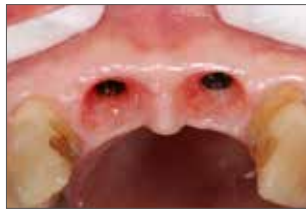
Direct implant placement in one incisor. Second incisor implantation of an AlloGraft Ring and an implant



Covering the site with Jason® membrane



4 months after implant placement



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

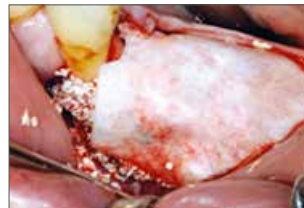
## Bone Augmentation with Straumann® AlloGraft Custom Block Dr. Reto Morger, Eschenbach, Switzerland



Initial situation: Severe bone loss in lower mandible



AlloGraft Custom Block in situ



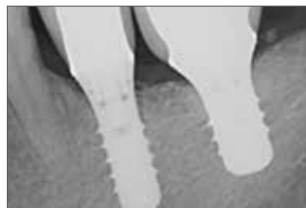
Site covered with bovine granules and Jason® membrane



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](http://straumanngroup.us/eShop) or [straumanngroup.ca/eShop](http://straumanngroup.ca/eShop)



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