

INSIDE



Jason[®] membrane

Origin: porcine pericardium

Composition: collagen type I and III

Size: 15x20 mm / 20x30 mm /
30x40 mm

Thickness: 0.05-0.35 mm

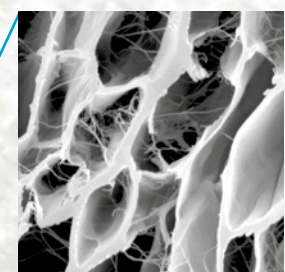
Features: Excellent tear resistance
& naturally long barrier function

Jason® membrane

Successful GBR is a matter of the heart 

Jason® membrane is a native collagen membrane from porcine pericardium with a naturally long barrier function. The unique structure and advantageous biomechanical properties of the pericardium are preserved during the manufacturing process, being the basis for the remarkable tear resistance and excellent surface adaptation of Jason® membrane.

CE certification of Jason® membrane in 2009



SEM picture in higher magnification showing the honeycomb-like collagen structure of Jason® membrane

Remarkable tear resistance

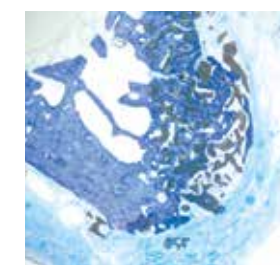
The unique collagen structure and composition of the pericardium account for the excellent tear resistance of Jason® membrane, allowing easy fixation of the membrane with pins or sutures.

Dr. Reto Morger:

Due to its unique structure the Jason® membrane presents an easy clinical handling as well as a high degree of predictability and sustainability for my patients and has gained my trust over the years.

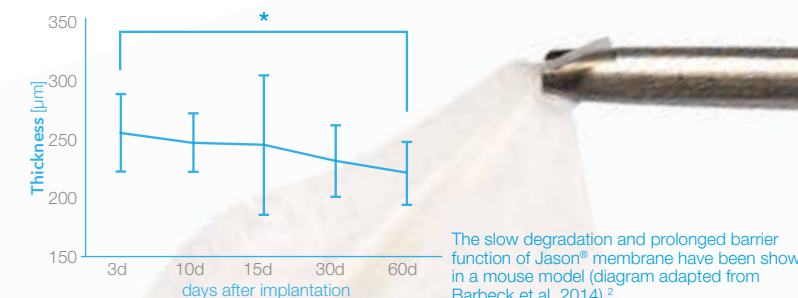
Dr. Hassan Maghaireh:

Jason® membrane is easy to handle and user friendly. Its unique and natural biological structure is what we need for a predictable, high quality and successful guided bone regeneration. It also helps to know that this membrane has been in the market for about nine years with great clinical results.



Naturally long barrier function

Animal study: Slow degradation of Jason® membrane due to naturally cross-linked collagen fibers. Clear separation of bone and soft tissue and remnants of the membrane visible 8-12 weeks after implantation in a dog model.¹



Easy handling

Can be used dry or wet and does not stick together or on instruments upon hydration.

> 15

running studies with Jason® membrane

Dr. Önder Solakoglu:
Jason® membrane shows excellent handling properties and supports bone regeneration extremely good even in larger augmentations. With its natural long barrier function, the Jason® membrane is the membrane of choice in my daily practice.

Very thin membrane
0.05-0.35 mm

Properties

Naturally long barrier function

Multi-directional strength and tear resistance

No stickiness after hydration

Excellent surface adaptation

Easy handling, can be applied dry or wet

Low thickness, no swelling after hydration

No swelling upon hydration and excellent surface adaptation. The low thickness facilitates soft tissue manipulation, particularly in challenging thin biotypes.

> 80

scientific & clinical publications on Jason® membrane (04/2018)



> 20 botiss Webinars

on the clinical application of Jason® membrane

Daniel Rothamel

Marius Steigmann

Stavros Pelekanos

Hassan Maghaireh

Peer Kämmerer

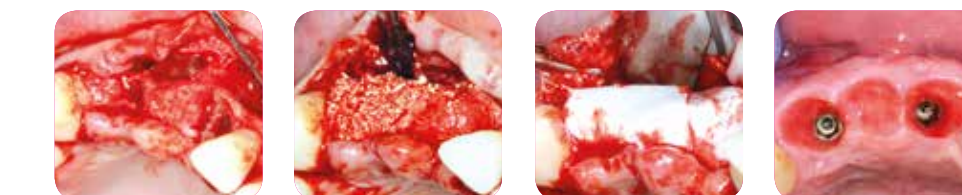
and many more...

Clinical Application

21 clinical cases with Jason® membrane on INDICATION-MATRIX.COM

GBR for the treatment of a dehiscence defect

Dr. S. Stavar, Netherlands



Well shaped emergence profile after ten months

Sinus lift with two-stage implantation

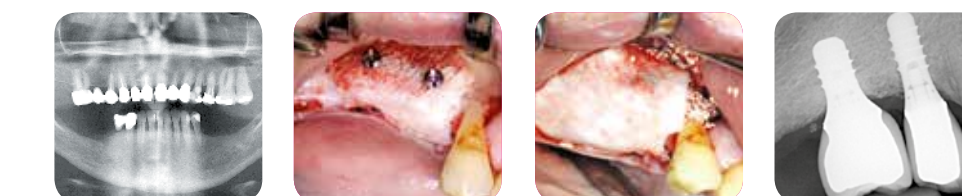
Prof. Dr. Dr. D. Rothamel, University of Düsseldorf, Germany



Re-entry at six months with stable insertion of implants

Augmentation of an atrophic ridge

Dr. R. Morger, Eschenbach, Switzerland



2 years follow-up

Indications

- Fenestration and dehiscence defects
- Alveolar ridge augmentation and reconstruction
- Intraosseous defects (1- to 3-walls)
- Furcation defects (class I and II)
- Sinus lift
- Socket and ridge preservation
- Covering and protection of the Schneiderian membrane

GET IN TOUCH

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1. Rothamel 2012. Biocompatibility and Biodegradation of a Native, Porcine Pericardium Membrane. Results from in vitro/in vivo Examination. Int J Oral Maxillofac Implants 2012, 27(1):146-54.
2. Barbeck et al. 2014. Porcine dermis and pericardium-based, non-cross-linked materials induce multinucleated giant cells after their in vivo implantation: A physiological reaction? J Oral Implantol. 2015; 41(6):e267-81.

Jason[®] membrane

**native pericardium membrane
for GBR/GTR**



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