

THE Cover™ Pericardium



Leading the New Standard of Regeneration

Founded in 1999, Purgo Biologics strives to become one of the leading global companies in oral health care with its focus on safe biomaterials for soft tissue and bone regeneration.

Based on the specialized experiences accumulated by our outstanding research personnel, Purgo Research and Development Center based in Seoul is thriving to become the best in the world, specifically in the expertise of oral biomaterials for soft tissue and bone regeneration. All members in Research and Development Center are pursuing the optimized technical developments with various clinical studies, cooperative research with the governments, clinicians and educational institutions.

The solutions manufactured by Purgo are gaining fame throughout the world and Purgo's solutions are widely accepted by global dentists from more than 30 countries.

Our production site is complying with the most international quality standards and regularly inspected by international agencies. Each production stage of our biologics solutions are controlled from the selection of the raw material to the final product.

Purgo Biologics is not just a manufacturer of bone grafting biomaterials.
Our commitment goes far beyond products: we develop high-performance biological solutions designed to support optimal regeneration of both hard and soft tissues.

At Purgo Biologics, every innovation is guided by one fundamental principle : respect for biology.
Our solutions are biocompatible, effective, and developed without biological compromise, supporting natural regenerative processes and delivering reliable, long-lasting outcomes.

Because regeneration is not about filling, but about rebuilding, Purgo Biologics stands as the biological choice in bone and tissue regeneration.
Purgo Biologics – THE Right Choice !

Purgo Biologics



THE Graft™

Natural bone graft
Page 4 to 9

THE Graft Collagen

Collagenated bone block
Page 10 to 13

THE Cover™ [Flex-Stiff]

Natural resorbable collagen membrane
Page 14 to 17

THE Cover™ X tend

Peritoneum resorbable collagen membrane
Page 18 to 21

THE Cover™ Pericardium

Pericardium resorbable collagen membrane
Page 22 to 25

OpenTex®

Non-resorbable PTFE membrane
Page 26 to 29

OpenTex® -TR

Non-resorbable PTFE titanium reinforced membrane
Page 30 to 33

Botex®

Non resorbable PTFE suture
Page 34 to 37

Resorbable Collagen Membrane for GBR procedures



THE Cover™ Pericardium



THE Cover™ Pericardium is a resorbable membrane made from porcine pericardium, consisting of Type I collagen, and is used in GBR procedures. For successful and effective bone regeneration, THE Cover™ Pericardium offers various advantages, resulting in satisfactory outcomes throughout implant procedures.



Easy to use



Protect



Biocompatibility





TG-1

TG-2

TG-3



Benefits

- Easy to use
- Superior Flexibility ensuring a good fit and secure defect site adhesion
- Space Maintenance

Specifications

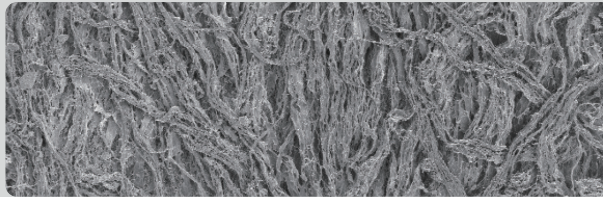
THE Cover™ Pericardium

Description	Item NO.	Size
THE Cover™ Pericardium	TG-1	15mm x 20mm
	TG-2	20mm x 30mm
	TG-3	30mm x 40mm

THE Cover™ Pericardium Main Features & Benefits

Easy to Use

- THE Cover™ Pericardium is easy to use because it does not stick to instruments or itself, and either side can be applied without distinction.
- These features make THE Cover™ Pericardium an excellent choice for users looking to reduce chairside time and enhance procedural efficiency.



Good Surface Adaptation*^[15]

- THE Cover™ Pericardium features excellent hydrophilicity, enabling rapid hydration by blood from the defect site during the procedure.
- Its superior flexibility ensures a good fit and secure adhesion to the defect site.



Outstanding Biocompatibility*^[15]

- THE Cover™ Pericardium has been recognized for its safety with CE certifications and has been a trusted choice in dental practices.
- As a non cross-linked product, it demonstrates superior tissue integration and low **post-operative** complication rate compared to cross-linked products.

Application

- THE Cover™ Pericardium is suitable for Guided Bone Regeneration(GBR)and other implant surgeries. (eg. Transmucosal GBR, Sinus elevation, Dehiscence in fixture)



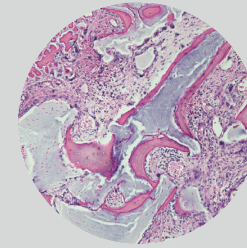
Barrier Function

- THE Cover™ Pericardium functions as a barrier, maintaining space effectively with its ideal resorption period.
- It is biodegradable and is fully absorbed about 3 months after implantation.

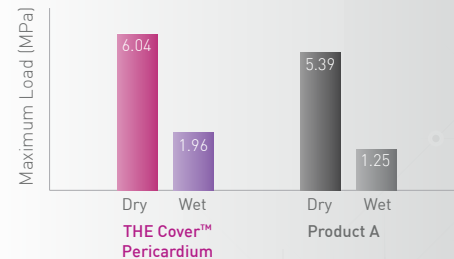


Tensile Strength

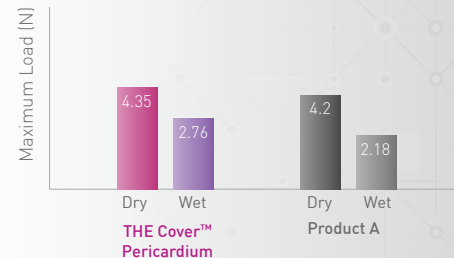
- THE Cover™ Pericardium has excellent tensile strength therefore as compared to other products, it has stronger tear resistance during surgery.
- Due to its superior tensile strength and suture pullout strength, THE Cover™ Pericardium can be securely sutured or fixed with anchorage devices such as bone tacks, enabling the use of various techniques, including the Sausage Technique.



Tensile Strength Test



Suture Pullout Strength Test



Recommended

Classification	BONE GRAFT		MEMBRANE						SUTURE
	Xenograft	Xenograft with collagen	Resorbable collagen membrane				Non-resorbable PTFE		PTFE Suture
	THE Graft	THE Graft Collagen	THE Cover Flex	THE Cover Stiff	THE Cover Xtend	THE Cover Pericardium	OpenTex	OpenTex-TR	Biotex
Management of contained extraction socket	●	●	●		●	●			●
Management of non-contained extraction socket	●	●		●		●	●	●	●
Augmentation of minor bone defect	●	●	●		●	●			●
Augmentation of major bone defect	●			●		●	●	●	●
Sinus floor augmentation	●	●	●	●	●				●
Periodontal defects	●	●	●	●	●	●			●
Peri-implantitis	●	●	●	●	●	●			●
Immediate implant	●	●	●	●	●	●			●
Soft tissue volume		●							●

Scientifically supported and clinically-proven products



53+

Countries Approval



34+

Countries Sales



59+

Papers Published



30+

Papers SCI Journal





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THE Graft™, OpenTex®,
OpenTex® TR, Biotex®,
THE Graft™ Collagen,
THE Cover™.

Clinical Case Book #1



Clinical Case Book #2

