

::OpenTex[®]-TR

oPurgo Dental
Biologics
Solution



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

Make smart decision with smart alternative !



•• OpenTex® -TR

Membrane is composed of 100% polytetrafluoroethylene (PTFE) sheet and grade 1 titanium frame, which are biologically inert and tissue compatible.

OpenTex®-TR Non Resorbable PTFE Membrane with titanium frame is designed to have a suitable surface structure and porosity to prevent integration and passage of bacteria within the interstices of the material, while maintaining space for host cells adhesion to the device.

OpenTex®-TR provides a favorable environment for neovascularization and healing of defects, through repopulating the bone derived cells and protecting the bony defects from migration of the gingival tissue derived cells.

Since the adequate space maintenance is critical to this procedure, the membrane is sufficiently stiff to prevent spontaneous collapse, but also flexible enough to easily conform to tissue contours and reduce perforations of overlying soft tissue. [9]



PTFE Titanium reinforced membrane

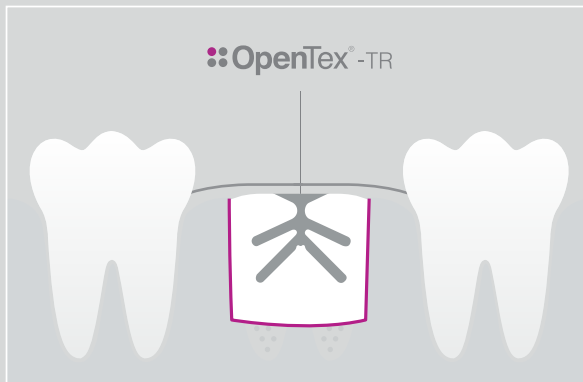


Indications

- Extraction socket reconstruction
- Bone regeneration
- Where primary closure isn't possible






Primary Closure



Specifications

OpenTex® -TR

Item NO.	Size	Shape Image
OpenTex-TR_01	17 mm x 25 mm	
OpenTex-TR_02	24 mm x 30 mm	
OpenTex-TR_03	17 mm x 25 mm	
OpenTex-TR_05	12 mm x 24 mm	
OpenTex-TR_06	14 mm x 24 mm	
OpenTex-TR_07	30 mm x 40 mm	

OpenTex®-TR Main Features



Non-Resorbable



Minimally Invasive



Optimal rigidity for space maintenance



17 x 25 mm

OpenTex-TR_P01



24 x 30 mm

OpenTex-TR_P02



17 x 25 mm

OpenTex-TR_P03



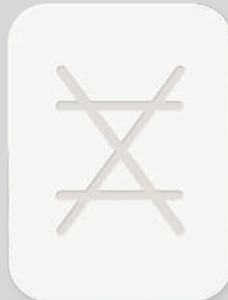
12 x 24 mm

OpenTex-TR_P05



14 x 24 mm

OpenTex-TR_P06



30 x 40 mm

OpenTex-TR_P07

OpenTex®-TR Benefits

1 Optimal rigidity and strength for space making
OpenTex®-TR is optimal product which is able to be trimmed easily and it is solid enough for space making since it is reinforced with titanium frame.

2 Diverse embedded titanium frame
OpenTex®-TR is designed in various shapes to meet surgeon's demand.

3 Excellent tissue interaction
Its micro porous structure helps the tissue interaction.

4 Easy of use
OpenTex®-TR can be trimmed easily and also removed easily.

Characteristics of OpenTex®-TR



- ✓ Membrane can be molded and shaped for tenting and space maintenance.
- ✓ The rigidity of the membrane is enhanced to be used for space maintenance.
- ✓ Provides additional stability in large, non-space-making osseous defects.
- ✓ Provide with little memory of Titanium frame, which enables easy placement of the membrane.
- ✓ Ability to withstand exposure.

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

