

T-Gen

Absorbable Collagen Membrane



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Absorbable Collagen Membrane



Advantage of the Product

Better Handling

- Convenient for use without distinction of upper / lower side
- Fast hydration and excellent tensile strength
- Good adaptation to various defects

Better Stability

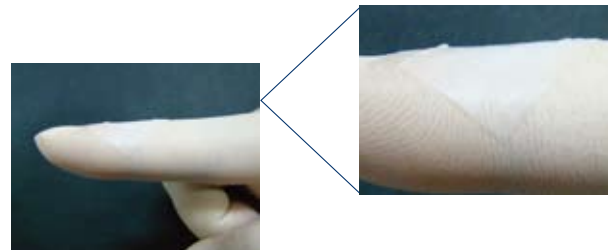
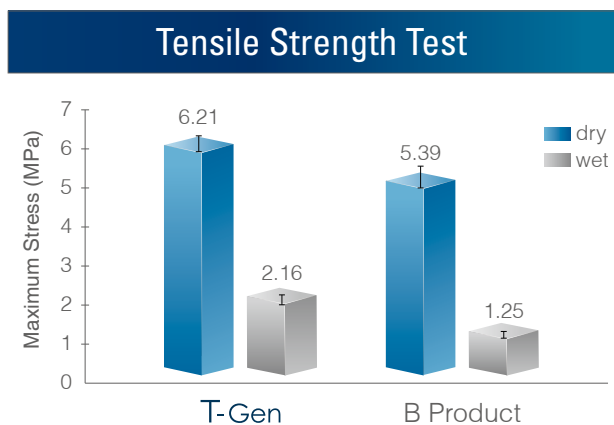
- Excellent tear resistance
- Prolonged barrier function and duration

Better Tissue Integration

- Excellent assistance for fast blood supply to the defect
- Lower incidence of soft tissue dehiscence

Product Comparison (T-Gen versus B product)

Better Handling



T-Gen has excellent tensile strength and thus, it can enable better handling properties for tear resistance in surgery than other products. In addition, T-Gen features excellent adaptation to surface contour due to fast hydration and excellent flexibility.

Better Stability

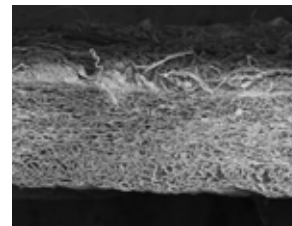
Product	Biodegradable period
T-Gen	More than 3 months
B product	Within 2 months

T-Gen facilitates the excellent maintenance in the body with slow resorption. T-Gen provides a prolonged barrier function of more than 3 months compared to B product.

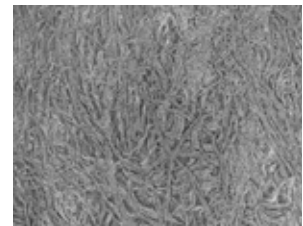
Better Tissue Integration

Product	Porosity
T-Gen	87.5% ± 1.9%
B product	65.7% ± 2.8%

T-Gen has high porosity and specific surface area, which support excellent blood supply. This ensures optimal regeneration of bone and soft tissue.

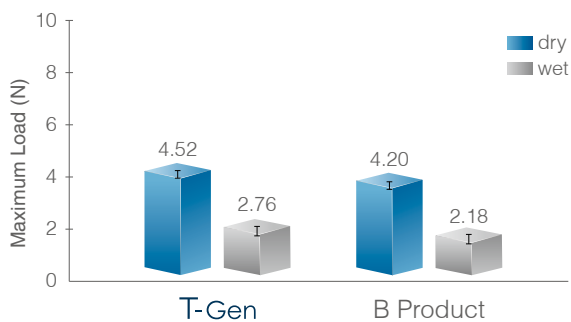


[The cross-section view]



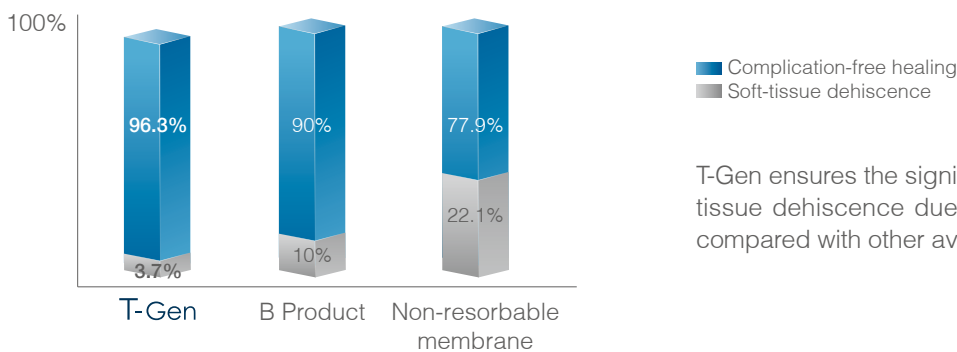
[The plain view]

High Suture Pullout Strength

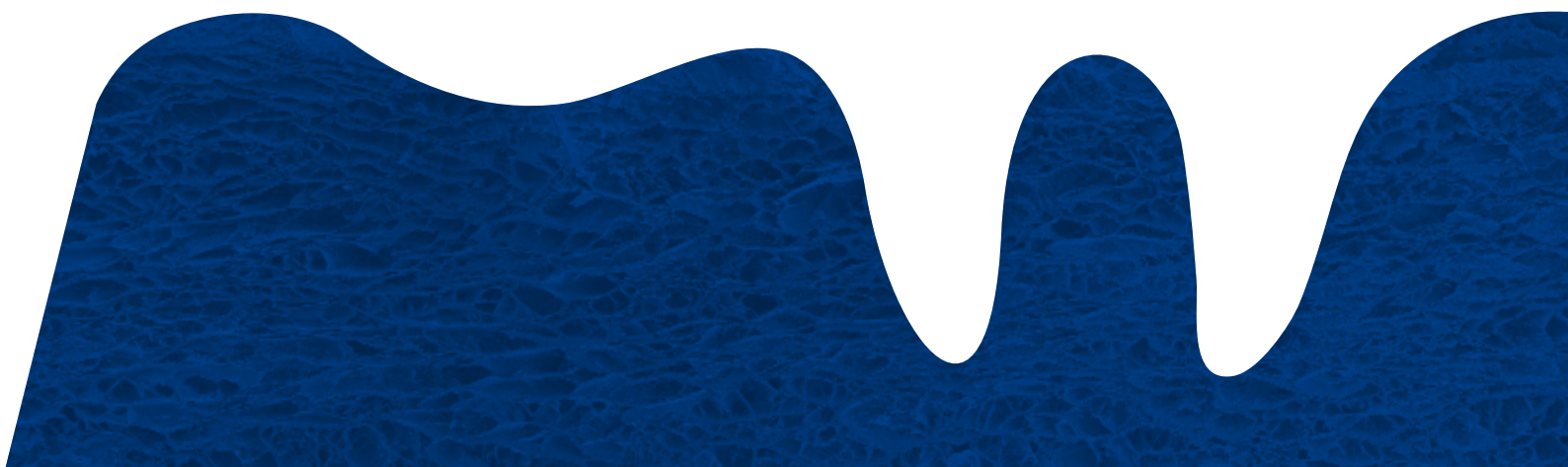


The suture pullout strength of T-Gen is higher than a comparable membrane due to its distinct structure. It enables enough mechanical strength and low risk of detachment.

Reliable Barrier Function



T-Gen ensures the significantly lower incidence of soft tissue dehiscence due to natural collagen structure compared with other available membranes.



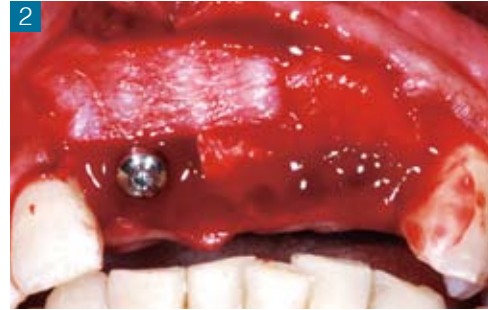
Clinical Cases

Dehiscence Defect

Case 1



Large buccal dehiscence defect



Covering of the augmentation area with T-Gen

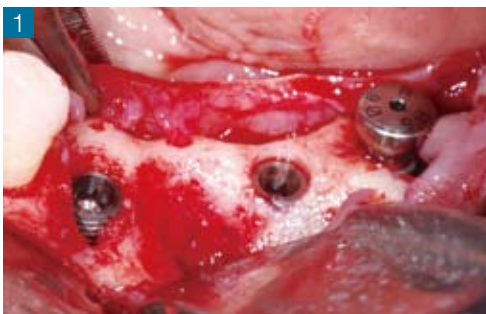


Satisfactory soft tissue formation

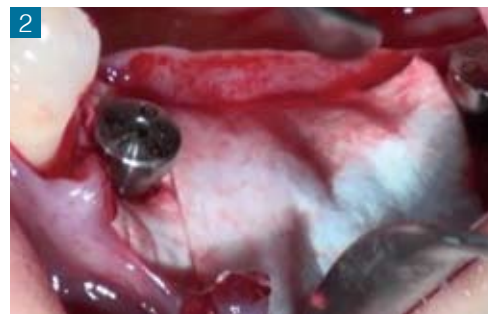


Excellent new bone formation after four months post-operatively

Case 2



Buccal dehiscence defect



Covering of the augmentation area with T-Gen



Stable healing of soft tissue



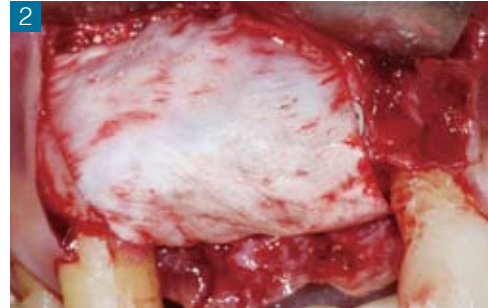
Satisfactory new bone formation without tissue ingrowth after three months

Fenestration Defect

Case 1



1 Large buccal dehiscence defect and fenestration



2 Complete covering of the augmentation area with T-Gen



3 Stable healing of soft tissue

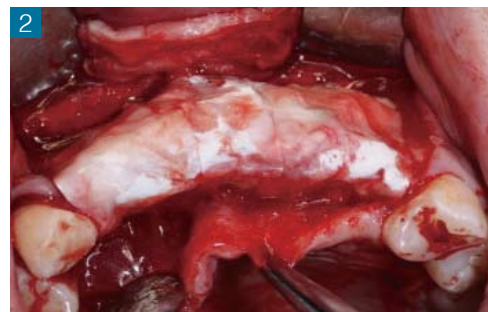


4 Excellent osseous integration showing after four months post-operatively

Case 2



1 Buccal bone fenestration



2 Complete covering of the augmentation area with T-Gen



3 Satisfactory soft tissue healing



4 Perfect bony healing after four months

Horizontal Augmentation

Case



Horizontal bone defect



Complete covering of the augmentation area with T-Gen



Satisfactory soft tissue formation with volume maintenance



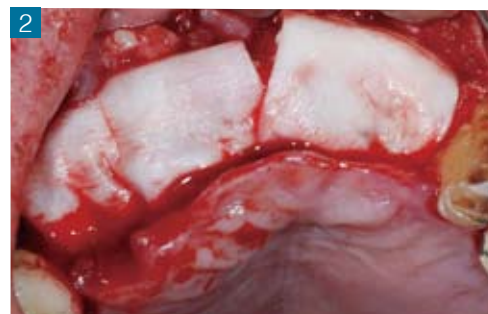
Excellent new bone formation in secondary surgery

Ridge Reconstruction

Case



Large bone defect around immediate implant installation



Complete covering with T-Gen in the alveolar augmentation site



Stable soft tissue formation with volume maintenance



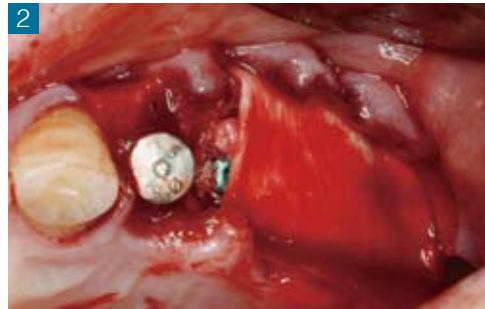
Excellent osseous integration showing after four months

Ridge Preservation

Case



1 Bone defect showing around immediate implant insertion



2 Complete covering with T-Gen for ridge augmentation



3 Stable condition of soft tissue



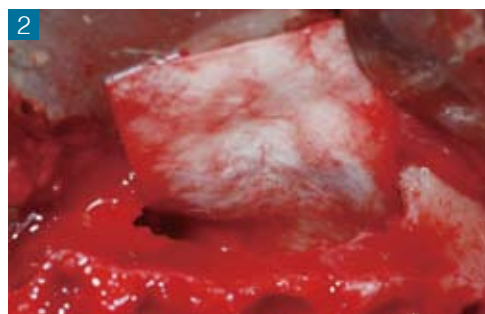
4 Perfect bone regeneration after four months post-operatively

Sinus Perforation

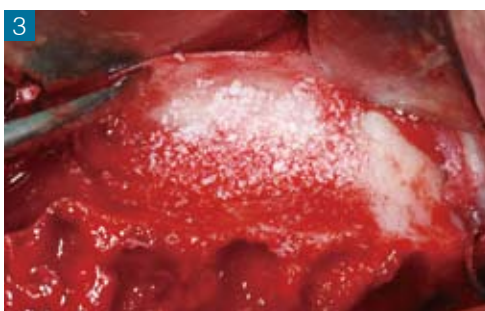
Case



1 Perforation in lateral site



2 Place T-Gen into the sinus cavity



3 Covering T-Gen in the augmentation site



4 Perfect soft tissue condition with stable volume maintenance after six months



Ordering Information

Brand name	Model No.	Size
T-Gen	TG-1	15mm x 20mm
	TG-2	20mm x 30mm
	TG-3	30mm x 40mm



SK bioland Co., Ltd.

162, Gwahaksaneop 3-ro, Ochang, Cheongwon, Cheongju, Chungbuk, Korea
 Tel. +82-43-240-8636, 8637 Fax. +82-43-240-8699
www.skbioland.com