CE 2797

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T-Gen

Resorbable Collagen Membrane

SK bioland

T-Gen

Resorbable Collagen Membrane

Advantage of the Product

Better handling

- Convenient usage regardless sides
- Fast hydration
- Excellent tensile strength
- Good adaptation to the defect

Better stability

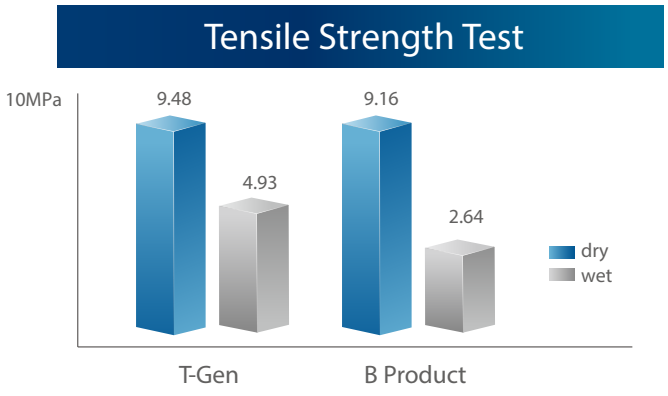
- Excellent tear resistance
- Prolonged barrier function and duration

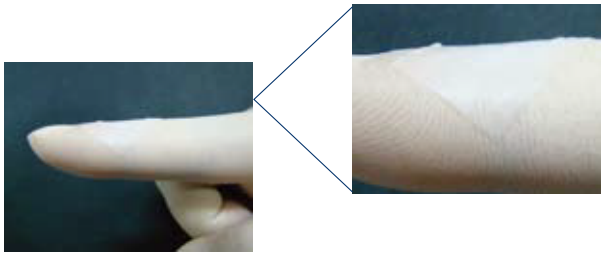
Better tissue integration

- Excellent assistance for fast supply of bloods 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 perform better handling properties for tear resistance in surgery than other products. In addition, T-Gen can perform excellent adaptation to surface contour due to fast hydration and excellent flexibility.

Better stability

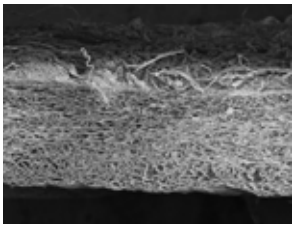
Product	Biodegradable period
T-Gen	More than 3 months
B product	Within 2 months

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

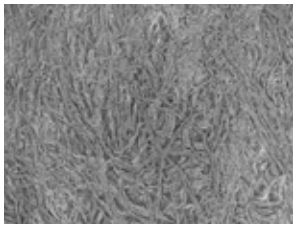
Better tissue integration

Product	Porosity	Total pore area
T-Gen	80%	16.2m^2/g
B product	54.3%	10.5m^2/g

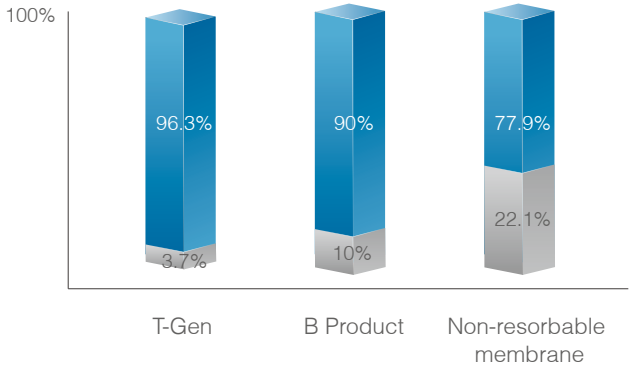
T-Gen has high porosity and specific surface area, which support excellent blood supply. This enables T-Gen to perform optimal regeneration of bone and soft tissue.



[The cross-section view]



[The plain view]



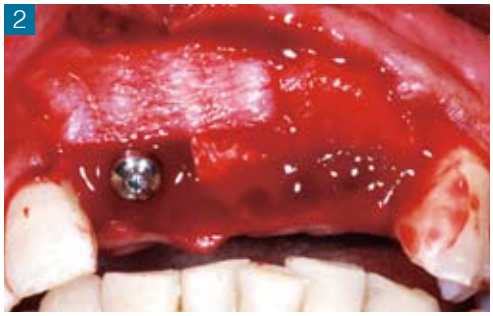
Complication-free healing
Soft-tissue dehiscence

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

Dehiscence Defect

Case 1

Large buccal dehiscence defect

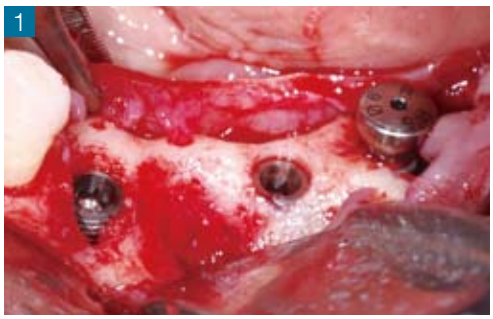


Covering of the augmentation area with T-Gen

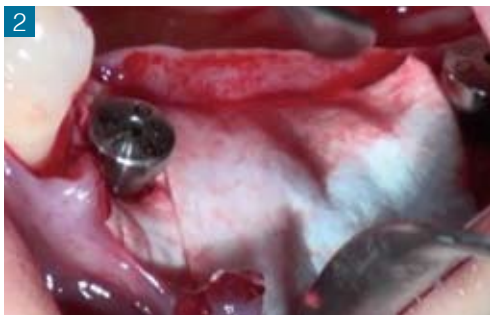
Satisfactory soft tissue formation

Excellent new bone formation after four months post-operatively

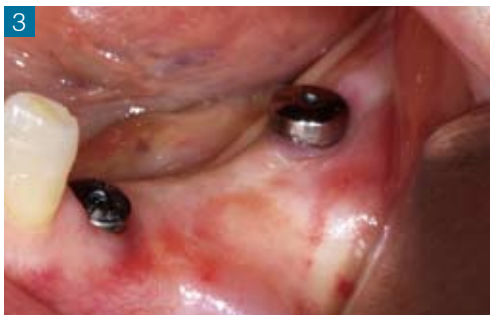
Case 2



Buccal dehiscence defect



Covering of the augmentation area with T-Gen



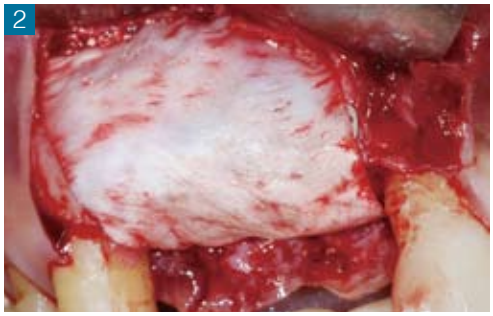
Stable healing of soft tissue

Satisfactory new bone formation without tissue ingrowth after three months

Fenestration Defect

Case 1

Large buccal dehiscence defect and fenestration



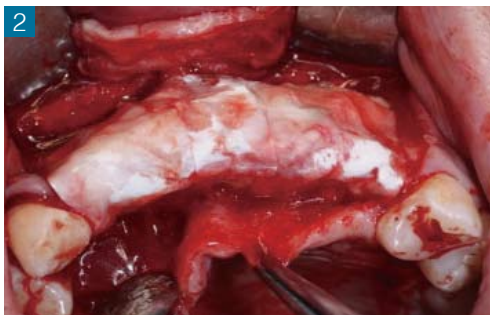
Complete covering of the augmentation area with T-Gen

Stable healing of soft tissue

Excellent osseous integration showing after four months post-operatively

Case 2

Buccal bone fenestration



Complete covering of the augmentation area with T-Gen

Satisfactory soft tissue healing

Perfect bony healing after four months

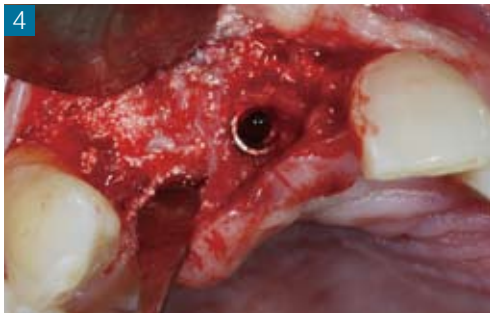
Horizontal Augmentation

Case

Horizontal bone defect

Complete covering of the augmentation area with T-Gen

Satisfactory soft tissue formation with volume maintenance

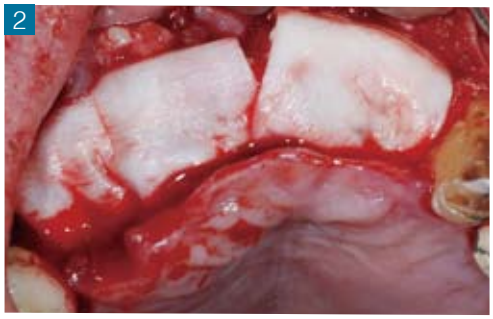


Excellent new bone formation in secondary surgery

Ridge Reconstruction

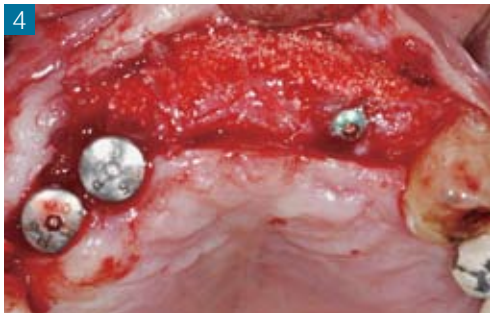
Case

Large bone defect around immediate implant installation



Complete covering with T-Gen in the alveolar augmentation site

Stable soft tissue formation with volume maintenance

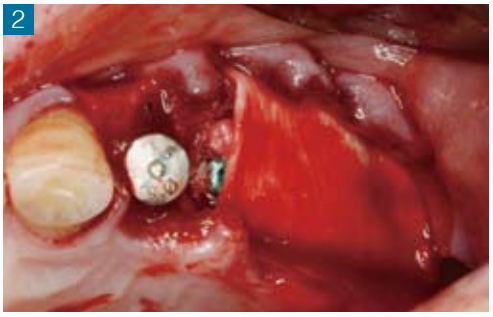


Excellent osseous integration showing after four months

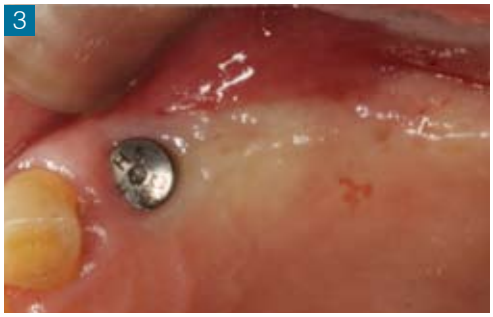
Ridge Preservation

Case

Bone defect showing around immediate implant insertion



Complete covering with T-Gen for ridge augmentation



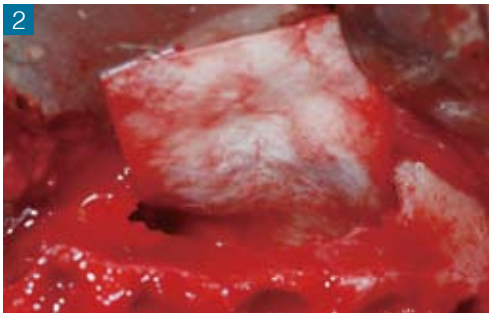
Stable condition of soft tissue

Perfect bone regeneration after four months post-operatively

Sinus Perforation

Case

Perforation in lateral site



Place T-Gen into the sinus cavity

Covering T-Gen in the augmentation site

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

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