

**Dental Implant**  
TECHNOLOGIES

**OssGuide® Absorbable Porcine  
Collagen Membrane**



For Dental Surgery—High Quality, Easy Handling, Convenience.

## T-Gen: Absorbable Collagen Membrane

T-Gen is an advanced absorbable collagen membrane offering significant benefits to clinicians and their patients. Designed for reliable handling and predictable outcomes from advanced procedures, T-Gen is the ideal absorbable collagen membrane for dental practitioners.

### The Benefits of T-Gen Absorbable Collagen Membrane

T-Gen offers superior handling when compared to competing products.

- It's easy to use with no distinction between the face and reverse side.
- It quickly hydrates and has superior tensile strength.
- It is easily adaptable to defects during surgery.

T-Gen is more stable than traditional membranes.

- It offers excellent tear resistance for stress-free procedures.
- It offers a prolonged duration with an effective barrier function.

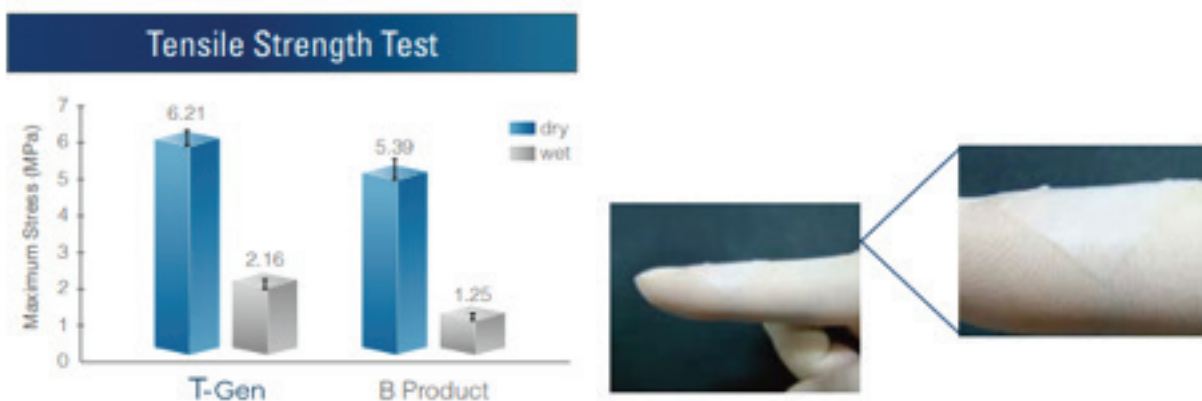
T-Gen efficiently integrates with tissues.

- It is clinically proven to have a low incidence of tissue dehiscence.
- It promotes fast blood supply to the defect thanks to fast-acting tissue integration.

### Product Comparison (T-Gen vs. B Product)

T-Gen performs exceptionally well versus a B product comparison.

### Improved Handling



When compared with existing solutions, T-Gen offers superior tensile strength and is better suited to tear resistance during surgery. This improves handling for clinicians. It hydrates rapidly and is flexible to quickly conform to surface contours.

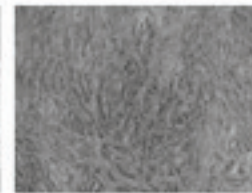
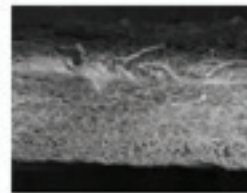
### Improved Stability

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

T-Gen is longer lasting with a slow resorption rate. It can create an effective barrier for more than three months, compared to just two months for the B product.

### Improved Tissue Integration

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

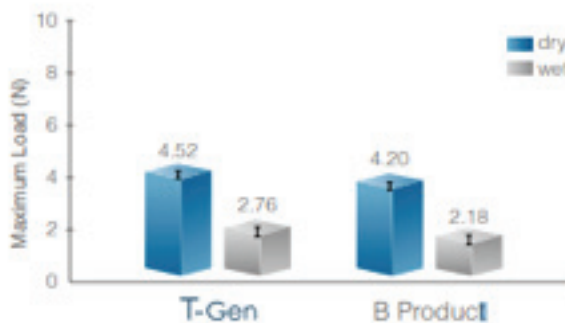


[ The cross-section view ]

[ The plain view ]

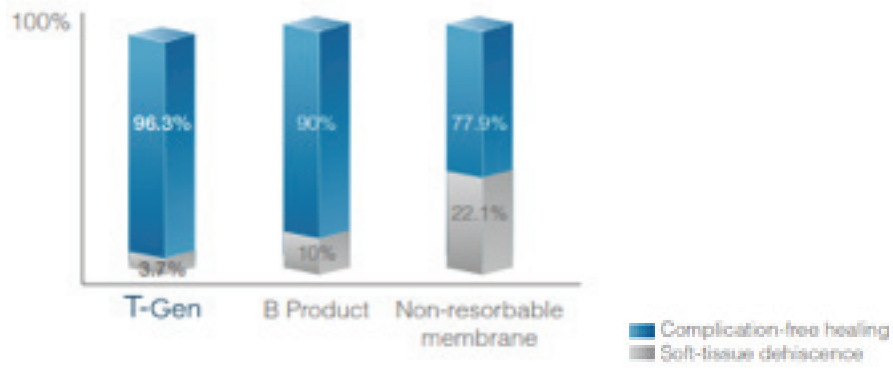
T-Gen promotes the efficient regeneration of bone and soft tissue thanks to efficient integration and a high porosity compared to the B Product. The surface area supports blood supply for healing.

### Superior Suture Pullout Strength



T-Gen is an absorbable collagen membrane for dentists that displays high suture pullout strength compared to the competition. The unique structure ensures mechanical strength for the lowest risk of detachment.

## Superior Barrier Function



Compared to the B product and standard non-resorbable membranes, T-Gen provides a superior barrier function. This absorbable collagen membrane has the lowest incidence of dehiscence in tissue thanks to the naturally derived collagen structure.

## Clinical Cases

View clinical case studies to see how T-Gen is the most effective absorbable collagen membrane with technical benefits for any practicing dental surgeon.

## Dehiscence Defect Treated with T-Gen Collagen Membrane

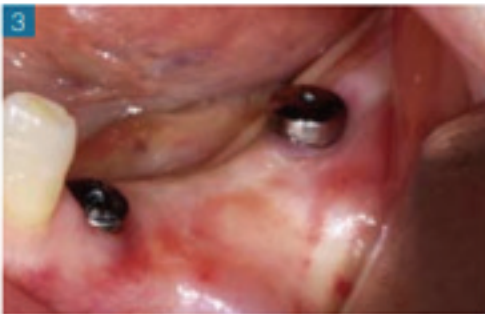
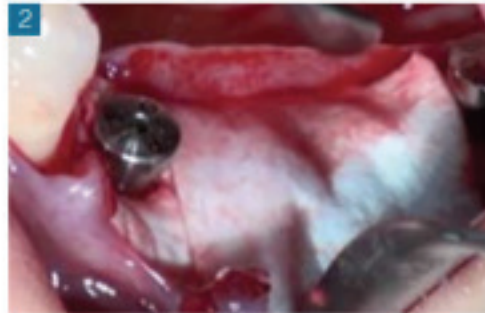
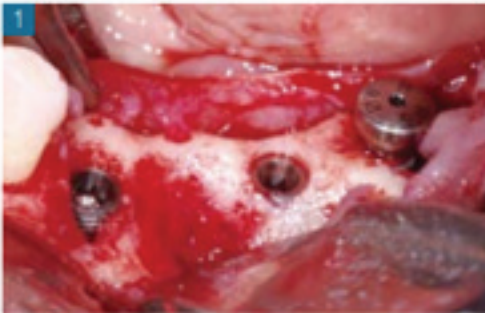
### Case 1

1. Identifying a large dehiscence defect.
2. Augmenting and covering the area with T-Gen.
3. Soft tissue formation and healing.
4. New bone formation was reviewed four months after the procedure.



## Case 2

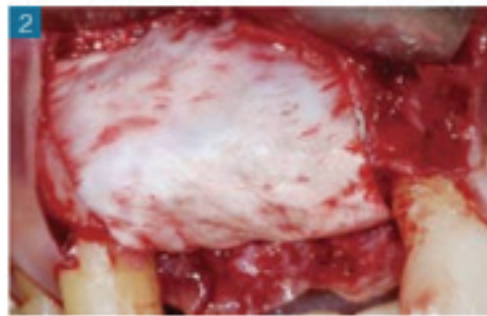
1. Identifying a buccal dehiscence defect.
2. Augmenting and covering the treated area with T-Gen.
3. Soft tissue healing identified as stable.
4. New bone formation after three months with no incidence of tissue ingrowth.



## Fenestration Defect Treated with T-Gen Advanced Collagen Membrane

### Case 1

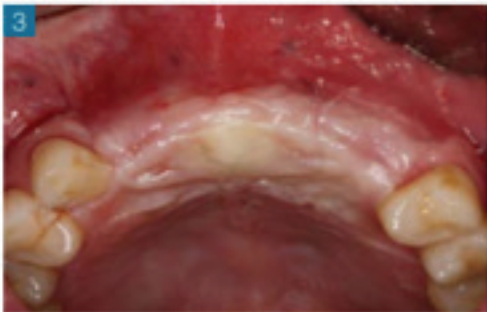
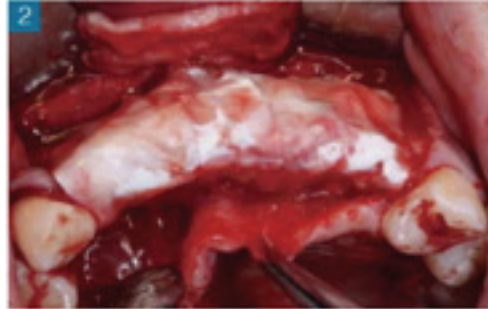
1. Severe fenestration and buccal dehiscence identified.
2. Augmentation and complete covering with T-Gen membrane.
3. Impressive soft tissue healing.
4. Fourth-month result of osseous integration.





Case 2

1. Severe buccal bone fenestration.
2. Augmentation and covering with T-Gen collagen membrane.
3. Excellent soft tissue healing.
4. Bony healing four months after surgery.

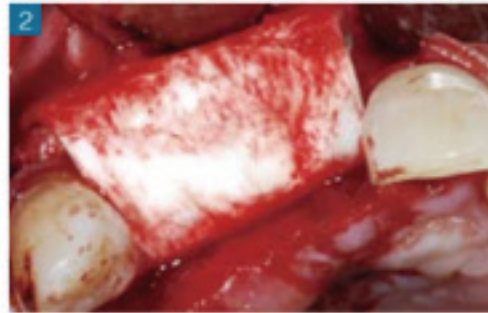
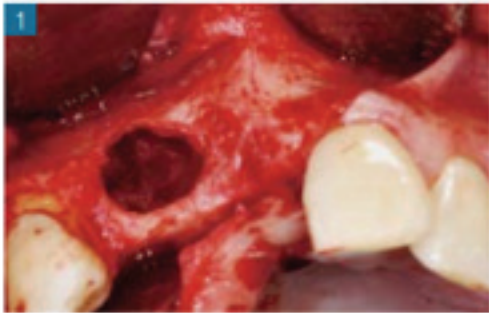




## Horizontal Augmentation with T-Gen Absorbable Collagen Membrane

### Case

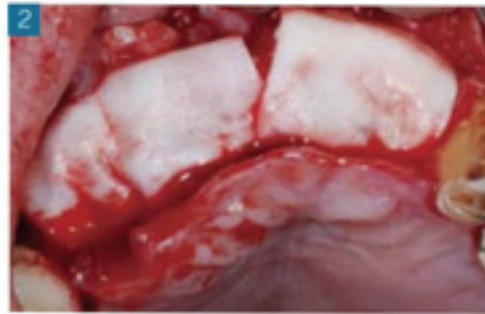
1. Identified horizontal bone defect.
2. Augmentation and covering with T-Gen membrane.
3. Tissue regeneration observed with volume maintenance.
4. New bone formation was identified in follow-up surgery.



## Ridge Reconstruction with T-Gen Absorbable Collagen Membrane

### Case

1. Major bone defect at the site of the immediate implant.
2. Augmentation covered with T-Gen membrane.
3. Newly regenerated soft tissue with volume maintenance.
4. Osseous integration shown with excellent results four months after the initial surgery.



## Ridge Preservation with T-Gen Absorbable Collagen Membrane

### Case

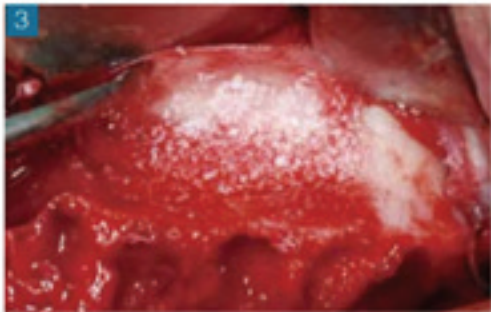
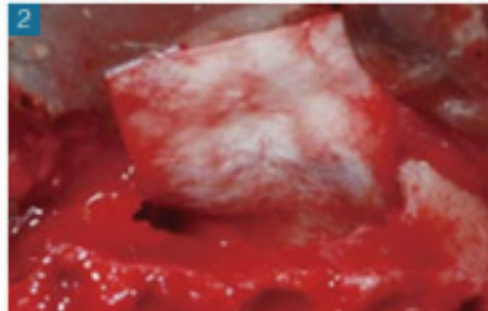
1. Major defects identified around the implant.
2. Covering with T-Gen membrane for ridge augmentation procedure.
3. Stabilized soft tissue.
4. Excellent bone regeneration four months after the procedure.



## Sinus Perforation with T-Gen Absorbable Collagen Membrane

### Case

1. Displayed lateral site perforation.
2. T-Gen is used as a membrane in the sinus cavity.
3. Coverage at the site of augmentation.
4. Excellent soft tissue condition six months after surgery with stable volume maintenance.



# Dental Implant

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Dental Implant Technologies, Inc. (DIT-USA)  
9414 E. San Salvador, DR #112, Scottsdale, AZ 85258, USA  
Phone: 800-452-0582

[www.dit-usa.com](http://www.dit-usa.com)