

LEADING REGENERATION

**Geistlich**  
Biomaterials

# Geistlich Fibro-Gide®

The Alternative Soft-Tissue Graft



**Before  
You Begin**



# Before You Begin . . .

## Introducing Geistlich Fibro-Gide®

The Alternative Soft-Tissue Graft

These valuable resources, found at [Fibro-Gide.geistlich-na.com](http://Fibro-Gide.geistlich-na.com), are designed to enhance your understanding, surgical comfort, and handling of Geistlich Fibro-Gide® . . .

### ▶ EDUCATIONAL WEBINAR

### ▶ SURGICAL VIDEOS

Soft-Tissue Augmentation Around Dental Implants  
Dr. Daniel Thoma | Zurich, Switzerland

Root Coverage of a Single Recession Defect  
Prof. Giovanni Zucchelli | Bologna, Italy

### ▶ 3D ANIMATED TECHNIQUE VIDEOS

Recession Defects  
Soft-Tissue Augmentation

Please visit:

[Fibro-Gide.geistlich-na.com](http://Fibro-Gide.geistlich-na.com)



## The Alternative Connective Tissue Graft

Geistlich Fibro-Gide® is a volume-stable collagen matrix, specifically designed for soft-tissue regeneration.

As the alternative connective tissue graft, Geistlich Fibro-Gide® is ideally suited for soft-tissue augmentation around natural teeth and implants, as a submerged scaffold where an increase in soft-tissue thickness is clinically desired. Additionally, Geistlich Fibro-Gide® is indicated for alveolar ridge reconstruction for prosthetic treatment and recession defects for root coverage.



### What Nature Inspires, Geistlich Engineers

To develop a matrix with the ideal characteristics, Geistlich has perfected a **smart cross-linking** process, a method of chemically cross-linking reconstituted collagen. This maintains stability of the collagen network resulting in a volume-stable matrix with excellent biocompatibility.

#### Made of Collagen

A porcine, porous, resorbable and volume-stable collagen matrix.<sup>1</sup>

#### Soft-Tissue Formation

The porous network of the matrix supports angiogenesis, formation of new connective tissue and stability of the collagen network in submerged healing situations.<sup>2,3</sup>



#### Soft-Tissue Integration

In vivo animal studies have shown ~ 97% degradation of the collagen matrix after approximately 26 weeks.<sup>4</sup>

#### Volume Stability

The reconstituted collagen undergoes **smart cross-linking** for volume stability of the matrix.<sup>1</sup>

## Handling at a Glance

**Flap Design** - Use your preferred flap design. A generous release of the flap is the key to successful healing by complete coverage of the matrix (submerged healing).



**Precise Trimming** - Using a scalpel will help in achieving smooth edges and bevels for improved wound adaptation and precise fit of the matrix.



**Thickness** - The thickness of Geistlich Fibro-Gide® close to the wound margins should be reduced to avoid dehiscence during the healing phase.



**Adhesion** - When hydrated the matrix will adhere rapidly. Suturing the device to the underlying soft-tissue is not always necessary.



**Wound Closure** - Tension-free closure of the flap is key for complication-free healing and may avoid any dehiscences.



**Healing** - Clinical experience shows a low incidence of wound healing complications.<sup>3,5</sup>



**Fit to Size** - The matrix can be cut and trimmed in a dry or wet state with scissors and/or a scalpel and can be adjusted in size or thickness to achieve the desired augmentation.

**Volume Changes** - Swelling of the device upon wetting must be taken into account when determining final dimensions, as the matrix will gain approximately 25% in volume.

**Application** - Geistlich Fibro-Gide® can be applied in either a dry or wet state upon individual preference. Pre-wetting can be done with the patient's own blood, you may also dampen with sterile saline solution, but do not fully hydrate the matrix.

**In Situ Adaptation** - Prior to wound closure, ensure a tension-free flap and complete coverage of the matrix.

**Handling** - As with any new product, initially you will experience some differences in the handling properties and performance of the matrix.

## Geistlich Fibro-Gide®

The first volume-stable collagen matrix designed for gaining soft-tissue thickness.<sup>4,6</sup>



**CAUTION:** Federal law restricts these devices to sale by or on the order of a dentist or physician.

### Indications:

Geistlich Fibro-Gide® is indicated for soft-tissue augmentation:

- › Localized gingival augmentation to increase keratinized tissue (KT) around teeth and implants
- › Alveolar ridge reconstruction for prosthetic treatment
- › Recession defect for root coverage

### Warnings:

As Geistlich Fibro-Gide® is a collagen product, allergic reactions may not be totally excluded. Possible complications which may occur with any surgery include swelling at the surgical site, flap sloughing, bleeding, dehiscence, hematoma, increased sensitivity and pain, redness and local inflammation.

For more information on contraindications, precautions, and directions for use, please refer to the Geistlich Biomaterials Instructions for Use at: [www.geistlich-na.com/ifu](http://www.geistlich-na.com/ifu)

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