

LEADING REGENERATION

Geistlich

# Geistlich Fibro-Gide<sup>®</sup> for Recession Defects



# All our knowledge in your hands

Geistlich Pharma AG is known for the profound evaluation of its products and the generation of a vast amount of clinical data<sup>1</sup> beyond the requirements for regulatory clearance.

Besides gaining thickness of oral soft tissue, Geistlich Fibro-Gide<sup>®</sup> can also be used for covering single or multiple recession defects.<sup>1,2,8</sup> One advantage of using Geistlich Fibro-Gide<sup>®</sup>, as an alternative to connective tissue graft is that harvesting of autologous tissue from the palate can be avoided, resulting in lower patient pain perception.<sup>4</sup> A multicenter clinical trial on single recession coverage found that two thirds (66.7%) of patients preferred Geistlich Fibro-Gide<sup>®</sup> over connective tissue graft treatment.<sup>9</sup>



## In a Nutshell

### Made of Collagen

Geistlich Fibro-Gide<sup>®</sup> is a porcine, porous, resorbable and volume-stable collagen matrix.<sup>1</sup>



### Soft-Tissue Integration

In vivo animal models have shown good integration of Geistlich Fibro-Gide<sup>®</sup> into the surrounding soft-tissue while maintaining stability.<sup>3</sup>

### Volume Stability

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

### Supports Soft-Tissue Formation

The porous network of Geistlich Fibro-Gide<sup>®</sup> supports angiogenesis, formation of new connective tissue and stability of the collagen network in submerged healing situations.<sup>4,5</sup>

<sup>1</sup> Instructions for use of Geistlich Fibro-Gide<sup>®</sup>

<sup>2</sup> Stefanini M. et al. Clin Oral Investig. 2020 May 2. Epub ahead of print. (clinical study)

<sup>3</sup> Thoma DS. et al. Clin Oral Implants Res. 2012 Dec; 23(12):1333-9. (preclinical study)

<sup>4</sup> Thoma DS. et al. J Clin Periodontol. 2016 Oct; 43(10): 874-85. (clinical study)

<sup>5</sup> Thoma DS. et al. Clin Oral Implants Res. 2015 Mar; 26(3): 263-70. (preclinical study)

<sup>6</sup> European Patent Specification – EP 3 055 000 B1.

<sup>7</sup> Data on file. Geistlich Pharma AG, Wolhusen, Switzerland.

<sup>8</sup> Schulze-Späte U, Lee CT. Int J Periodontics Restorative Dent. 2019 Sep/Oct;39(5):e181-e187. (clinical study)

<sup>9</sup> Interim Clinical Investigation Report (6-months follow-up): A prospective, randomized, controlled, double-blind, multicenter study to assess non-inferiority of Geistlich Fibro-Gide<sup>®</sup> in comparison to connective tissue graft for the treatment of recession defects. July 2020. Publication pending. (clinical study)

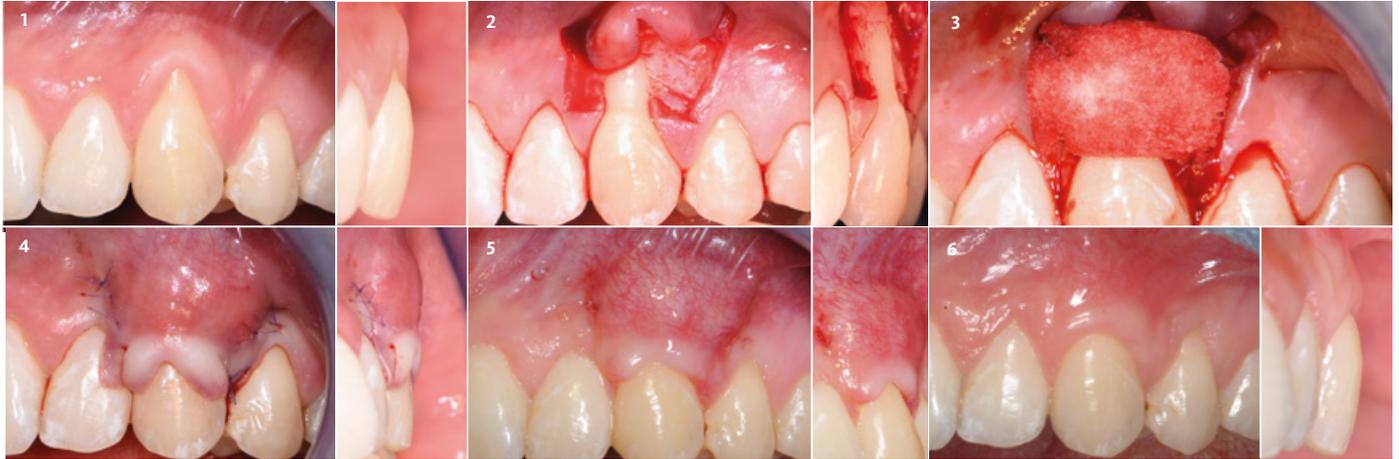
# Treatment of a Single Gingival Recession Defect



Prof. Giovanni Zucchelli (Bologna, Italy)

**Aim:** Complete root coverage of a single tooth recession defect.

**Conclusion:** The use of Geistlich Fibro-Gide® in combination with CAF enhanced root coverage and soft tissue thickness.



1 Baseline: recession defect Miller Class I on site 23.

2 Trapezoidal flap design: split-full-split elevation flap.

3 Positioning of Geistlich Fibro-Gide® and fixation with single sutures (PGA 7.0 Sutures) at the base of the de-epithelialized anatomic papillae and in the apical mesial and distal angles.

4 Tension-free wound closure with two sling sutures (PGA 6.0 Sutures).

5 Suture removal 14 days post-surgery.

6 Follow-up after 1 year: complete root coverage with Geistlich Fibro-Gide® is achieved.

# Root Coverage of a Multiple Recession Defect



Dr. Raffaele Cavalcanti (Bari, Italy)

**Aim:** Complete root coverage of multiple recession defect and dentin hypersensitivity reduction.

**Conclusion:** Complete root coverage was achieved with Geistlich Fibro-Gide® for multiple recession defects and dentin hypersensitivity problem was completely solved.



1 Baseline: multiple recession defects Miller Class I with keratinized tissue less than 3 mm on site 12 to 14.

2 Flap preparation and elevation (coronally advanced flap) for sufficient release.

3 Positioning of Geistlich Fibro-Gide® and fixation with single sutures (7-0 PGA sutures).

4 Tension free wound closure with sling sutures (6-0 PGA sutures).

5 Suture removal 14 days post-surgery.

6 Follow-up after 5 months: complete root coverage with Geistlich Fibro-Gide® is achieved.



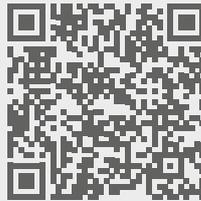
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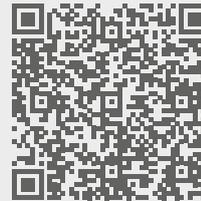
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Product availability may vary from country to country.

## Interested in further treatment concepts with Geistlich Fibro-Gide®?



Scan or click to discover our Regeneration Expert Hub.



Scan or click to open our product brochure on Geistlich Fibro-Gide®

## Geistlich's Collagen Expertise: The first volume-stable collagen matrix designed for gaining soft-tissue thickness and covering recession defects.<sup>1,6,7</sup>



#### Geistlich Fibro-Gide®

6 mm thickness: 15 x 20 and 20 x 40 mm

**3 mm thickness: 15 x 20 and 20 x 40 mm**

NEW