

PATIENT COMFORT

Straumann® Biomaterials®

**Straumann® Emdogain® FL**  
Therapy guide for  
gum pockets



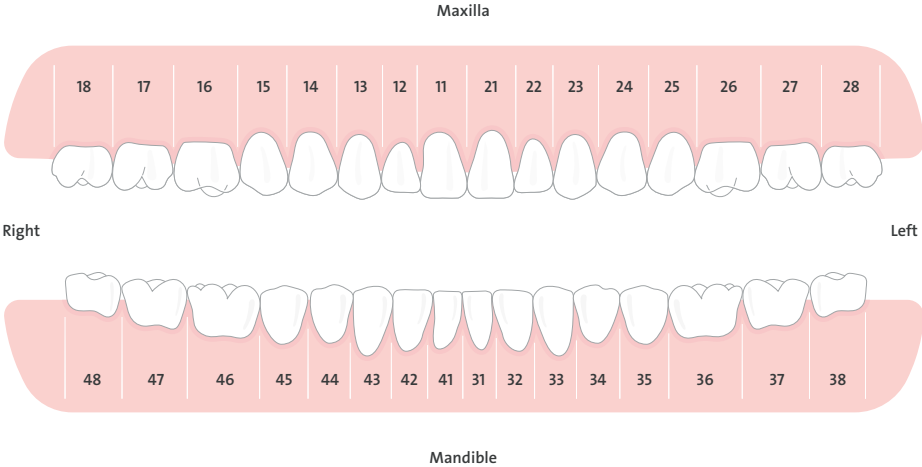
# Improve your dental hygiene procedures

Restore tooth support and gingival health with Straumann® Emdogain® FL.

For the first time, lost tissue can be regenerated in a minimally invasive way: without surgery.<sup>4,5</sup>

Based on 25 years of clinical experience in regenerative surgery, gum pockets up to 9 mm deep can now be regenerated and eliminated as part of non-surgical periodontal hygiene procedures with Straumann® Emdogain® FL.<sup>1</sup>

## INITIAL DIAGNOSIS



# STAGES OF GUM DISEASE (PERIODONTITIS)



1. Healthy gingiva and periodontium



2. Mild gingivitis caused by plaque and tartar formation



3. Severe gingivitis and inflammation of the periodontium (periodontitis)



4. Massive inflammation and atrophy of the periodontium

## Clinical recommendations for the practitioner

- It is essential that patients diagnosed with periodontitis are instructed to take appropriate oral hygiene measures, avoid smoking and, if possible, adopt a healthier lifestyle.
- Straumann® Emdogain® FL is intended to be used in the non-surgical periodontal treatment of gum pockets up to 9 mm deep, without gingival retraction or bone loss between the roots of the same tooth.
- Post-treatment care recommendations:
  - The patient should be advised to rinse daily with an antiseptic mouth rinse (e.g. 0.1–0.2% chlorhexidine solution) for 1–2 weeks after the treatment. Antibiotics may also be used if deemed appropriate and based on the clinician's judgement.
  - The patient should be instructed not to brush the treated area for 1–2 weeks following treatment and then only brush the interior and exterior tooth surfaces gently, from the base of the tooth upwards.
  - No cleaning between the teeth in the treated area should be performed in the first 2–3 weeks after the treatment, and no toothpicks or other objects should be used around the treated gum for at least 3 months.

## Notes

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# INITIAL DIAGNOSIS

## 1. CLINICAL AND X-RAY EVALUATION

One of the main causes of gum disease is the accumulation of tartar and bacteria in the subgingival pockets around your teeth.

## 2. DIAGNOSIS

Gum disease – also known as periodontal disease or periodontitis – is an infection associated with damage to teeth-supporting tissues such as gingiva, bone and periodontal ligaments.

## 3. INITIAL PHASE OF NON-SURGICAL TREATMENT

This damage is irreversible and is associated with the formation of periodontal pockets beneath the gum line that can only be cleaned properly during professional subgingival cleaning.

## 4. NON-SURGICAL TREATMENT OF REMAINING POCKETS

Attempting to heal the pockets only with deep cleaning procedures involves a strong risk of progression and recurrence.



## AVOID THE SURGERY Heal more pockets

Using Straumann® Emdogain® FL in the non-surgical treatment of gum disease helps to avoid surgery by healing more periodontal pockets<sup>1</sup> compared to subgingival cleaning alone.

## 5. SURGICAL THERAPY OF GUM DISEASE

If left untreated, gum disease can progress and cause more serious problems that may require painful, expensive and time-consuming surgery.



## CLINICALLY EFFECTIVE

Documented efficiency

When applied non-surgically in a clean pocket, Straumann® Emdogain® FL can be as effective and with similar results as when used in a surgical procedure, at 1 and 2 years after the treatment.<sup>2</sup>



## MORE COMFORT

Less pain, less swelling

Including Straumann® Emdogain® FL in the subgingival cleaning procedure leads to faster recovery<sup>3</sup> after the treatment and improved patient comfort by reducing pain, swelling<sup>3</sup> and all systemic inflammation.<sup>1</sup>



## GUM REGENERATION

Rebuilds your gum

Straumann® Emdogain® FL contains the natural, active proteins of tooth formation that support reactivation of the body's own regenerative processes to rebuild gums, bone and ligaments and thereby eliminate pockets.<sup>4,5</sup>

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### REFERENCES

1 Graziani F, Gennai S, Petrini M, Bettini L, Tonetti M. Enamel matrix derivative stabilizes blood clot and improves clinical healing in deep pockets after flapless periodontal therapy: A Randomized Clinical Trial. *J Clin Periodontol*. 2019 Feb;46(2):231-240 2 Aimetti M, Ferrarotti F, Mariani GM, Romano F. A novel flapless approach versus minimally invasive surgery in periodontal regeneration with enamel matrix derivative proteins: a 24-month randomized controlled clinical trial. *Clin Oral Investig*. 2017 Jan;21(1):327-337 3 Wennström JL, Lindhe J. Some effects of enamel matrix proteins on wound healing in the dento-gingival region. *J Clin Periodontol*. 2002 Jan;29(1):9-14 4 Shujaa Addin A, Akizuki T, Matsuura T, Hoshi S, Ikawa T, Maruyama K, Ono W, Fukuba S, Izumi Y. Histological healing after nonsurgical periodontal treatment with enamel matrix derivatives in canine experimental periodontitis. *Odontology*. 2018 Jul;106(3):289-296 5 Mellonig JT, Valderrama P, Gregory HJ, Cochran DL. Clinical and histologic evaluation of non-surgical periodontal therapy with enamel matrix derivative: a report of four cases. *J Periodontol*. 2009 Sep;80(9):1534-40

# Improve your dental hygiene procedures with Straumann® Emdogain® FL

- Avoid surgeries and heal more gum pockets<sup>1</sup>
- Clinically proven<sup>2</sup> treatment
- Your comfort with less pain and less swelling<sup>3</sup>

DENTAL SPECIALIST'S  
BUSINESS STAMP  
GOES HERE

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