LENS INVASIVE TREATMENT PLANS

Straumann® Biomaterials

Straumann® Emdogain®
Cultivating periodontal regeneration.
Indications for Use:
Emdogain is intended as an adjunct to periodontal surgery as a topical application onto exposed root surfaces. Emdogain is indicated for the treatment of the following conditions:

- Intrabony defects due to moderate or severe periodontitis
- Mandibular degree II furcations with minimal interproximal bone loss
- Gingival recession defects in conjunction with surgical coverage procedures such as the coronally advanced flap technique
- Emdogain is also indicated for use in a minimally invasive surgical technique in esthetic zones to optimize tissue height for intrabony defects only

In cases of wide defects or where soft tissue support is desired, Straumann Emdogain can be used in conjunction with a bone graft materials.
Differentiate your practice and help your patients by offering a minimally invasive, regenerative, periodontal treatment with Straumann® Emdogain®.

True periodontal regeneration can be achieved in a minimally invasive way: without a surgical flap.

Based on decades of clinical experience periodontal pockets up to 9 mm deep can be regenerated through minimally invasive periodontal procedures with Emdogain®.

**EFFECTIVE**
Regenerate periodontal pockets.

**EFFICIENT**
Achieve results comparable to periodontal flap surgery.

**PATIENT COMFORT**
 Offers procedures that are less invasive.
Adding Emdogain® to a minimally invasive periodontal procedure* can help you to regenerate more periodontal pockets, have more efficient procedures and improve the quality of life for your patients.

**Periodontal Pocket Depth (PPD) following Minimally Invasive Surgery with Emdogain Compared to Flap Surgery with Emdogain**

- Clinical results are comparable when Emdogain is applied in a minimally invasive surgery and a surgery that requires a flap after 12 and 24 months.

### Table: Periodontal Pocket Depth (PPD) following Minimally Invasive Surgery with Emdogain Compared to Flap Surgery with Emdogain

<table>
<thead>
<tr>
<th></th>
<th>Minimally invasive surgery</th>
<th>Flap surgery</th>
</tr>
</thead>
<tbody>
<tr>
<td>Baseline</td>
<td>8</td>
<td>8</td>
</tr>
<tr>
<td>12 months</td>
<td>6</td>
<td>6</td>
</tr>
<tr>
<td>24 months</td>
<td>4</td>
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</table>

### Figures:

- **Significantly improved clinical results¹**
- **True periodontal regeneration as evidenced by the formation of new cementum, new periodontal ligament and new bone**² in pre-clinical³ studies and clinical⁴ histological cases

### Graphs:

- **Percentage of Pockets Regenerated following SRP alone Compared to SRP with Emdogain¹**
  - Regenerate more periodontal pockets when using Emdogain and SRP, than just SRP alone¹

- **Percentage of Patients without Post-Treatment Discomfort³**
  - Patients report less post-surgical discomfort when SRP is used with Emdogain, compared to just SRP alone³

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* as described in the instructions for use for Emdogain® available at ifu.straumann.com
**only vertical bone-loss associated sites
3 YEAR RESULTS AFTER MINIMALLY INVASIVE PERIODONTAL REGENERATION WITH EMDOGAIN®

Left frontal incisor before treatment  
PPD ≥ 9mm  
3 years after treatment with Straumann® Emdogain®  
PPD = 1 – 2 mm

Pictures with courtesy of Dr. Orest G. Komarnyckyj, DDS, Phoenix, AZ
Straumann® Emdogain® leads to true periodontal regeneration. Emdogain® contains enamel matrix derivative – the active protein matrix responsible for tooth formation. When applied to cleaned tooth root surfaces, the unique protein composition in Straumann® Emdogain® is able to induce the regeneration of periodontal tissues: cementum, periodontal ligament and alveolar bone.
STRAUMANN® EMDOGAIN® – BASED ON A STRONG FOUNDATION

Straumann® Emdogain® is the gold standard for the safe and predictable regeneration of periodontal tissues lost as a result of periodontitis. Based on the foundation of long-term clinical experience, the unique regenerative properties of Emdogain can be used to regenerate and help save teeth as part of minimally invasive periodontal procedures.

STRAUMANN® EMDOGAIN® IN FACTS AND FIGURES

> 20 years on the market

> 600 clinical & 1,000 scientific publications**

> 2 million patients treated*

Extremely well tolerated***

Stable results documented over 10 years in 2 indications

* Based on the number of syringes sold to date, globally

** According to PUBMED search for “Emdogain” or “enamel matrix derivative”

*** Based on a global post-surgical complication rate of less than 0.002 %

AVAILABLE IN THE FOLLOWING SIZES

Straumann® Emdogain® is available in three product sizes for the minimally invasive regenerative periodontal treatment of single or multiple pockets. Instructions for use recommend the use of PrefGel® prior to Emdogain application. Note that 075.098W (five 0.15 mL syringes) PrefGel is not included.

<table>
<thead>
<tr>
<th>Art.No.</th>
<th>Description</th>
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<tbody>
<tr>
<td>Multi packs: Emdogain® + PrefGel®</td>
<td></td>
</tr>
<tr>
<td>075.114W</td>
<td>3 × Straumann® Emdogain® 0.3 ml + 3 × Straumann® PrefGel® 0.6 ml</td>
</tr>
<tr>
<td>075.116W</td>
<td>3 × Straumann® Emdogain® 0.7 ml + 3 × Straumann® PrefGel® 0.6 ml</td>
</tr>
<tr>
<td>Five packs</td>
<td></td>
</tr>
<tr>
<td>075.098W</td>
<td>5 × Straumann® Emdogain® 0.15 ml</td>
</tr>
<tr>
<td>PrefGel®</td>
<td></td>
</tr>
<tr>
<td>075.203W</td>
<td>5 × Straumann® PrefGel® 0.6 ml</td>
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Contact your local Straumann representative now or visit www.straumanngroup.us/eshop.
With Emdogain®, periodontal regeneration can be achieved in a minimally invasive way: without a surgical flap.

- **Effective:** Procedures are more effective as pockets are regenerated during periodontal debridement procedures.

- **Efficient:** When Emdogain is used in a minimally invasive way, results are comparable to those of a periodontal flap surgery.

- **Patient comfort:** Patients report less post-surgical discomfort following the use of Emdogain.

**REFERENCES**

1. Straumann Sponsored Study (data on file, study ongoing).