

LESS INVASIVE  
TREATMENT PLANS

Straumann® Biomaterials

Straumann® Emdogain® MI

Cultivating periodontal  
regeneration.



 straumann®



#### Intended Use

Emdogain MI is intended for subgingival and topical application in conjunction with scaling and root planing procedures to provide for regeneration of tooth support lost due to periodontal disease in a minimal invasive approach.

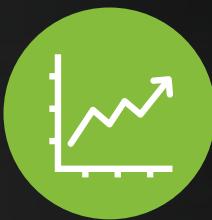
#### Indications

Emdogain MI has been shown to be effective in pockets with probing depths from 5 mm to 9 mm with no furcation involvement in patients with adequate plaque control



# Differentiate your practice and help your patients by offering a minimally invasive, regenerative, periodontal treatment with Straumann® Emdogain® MI.

True periodontal regeneration can be achieved in a minimally invasive way. Based on decades of clinical experience, periodontal pockets can be regenerated through minimally invasive periodontal procedures with Emdogain MI.



## EFFECTIVE

Regenerate periodontal pockets.



## EFFICIENT

Achieve results comparable to Periodontal flap surgery.



## PATIENT COMFORT

Offers procedures that are less invasive.

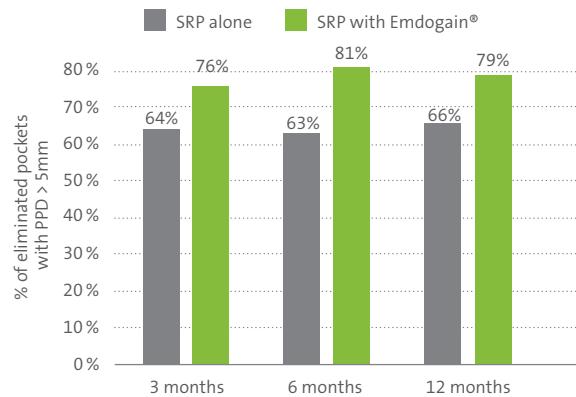
Adding Emdogain® MI to a minimally invasive periodontal procedure\* can help you to regenerate periodontal tissue to reduce periodontal pockets, have more efficient procedures and improve the quality of life for your patients.



True periodontal regeneration as evidenced by the formation of new cementum, new periodontal ligament and new alveolar bone\*\* in pre-clinical<sup>3</sup> studies and clinical<sup>4</sup> histological cases

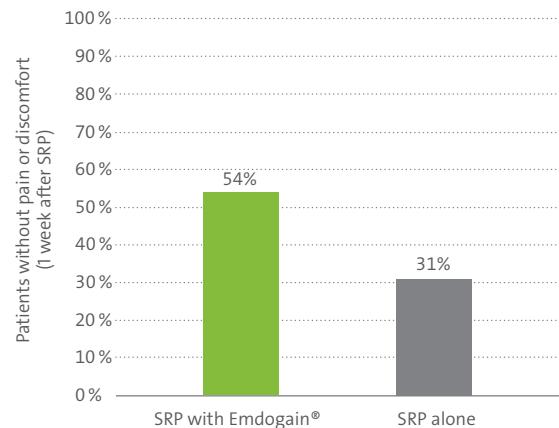


Significantly improved clinical results<sup>1</sup>



**Percentage of Pockets Regenerated following SRP alone Compared to SRP with Emdogain using a minimally invasive approach<sup>1</sup>**

- Regenerate more periodontal pockets when using Emdogain MI and SRP, than just SRP alone<sup>1</sup>



**Percentage of Patients without Post-Treatment Discomfort<sup>2</sup>**

- Patients report less post-surgical discomfort when SRP is used with Emdogain MI in a minimally invasive surgery, compared to just SRP alone<sup>2</sup>

\* as described in the instructions for use for Emdogain® available at [ifu.straumann.com](http://ifu.straumann.com)  
\*\*only vertical bone-loss associated sites



### 3 YEAR RESULTS AFTER MINIMALLY INVASIVE PERIODONTAL REGENERATION WITH EMDOGAIN® MI



Left frontal incisor before treatment



PPD ≥ 9mm

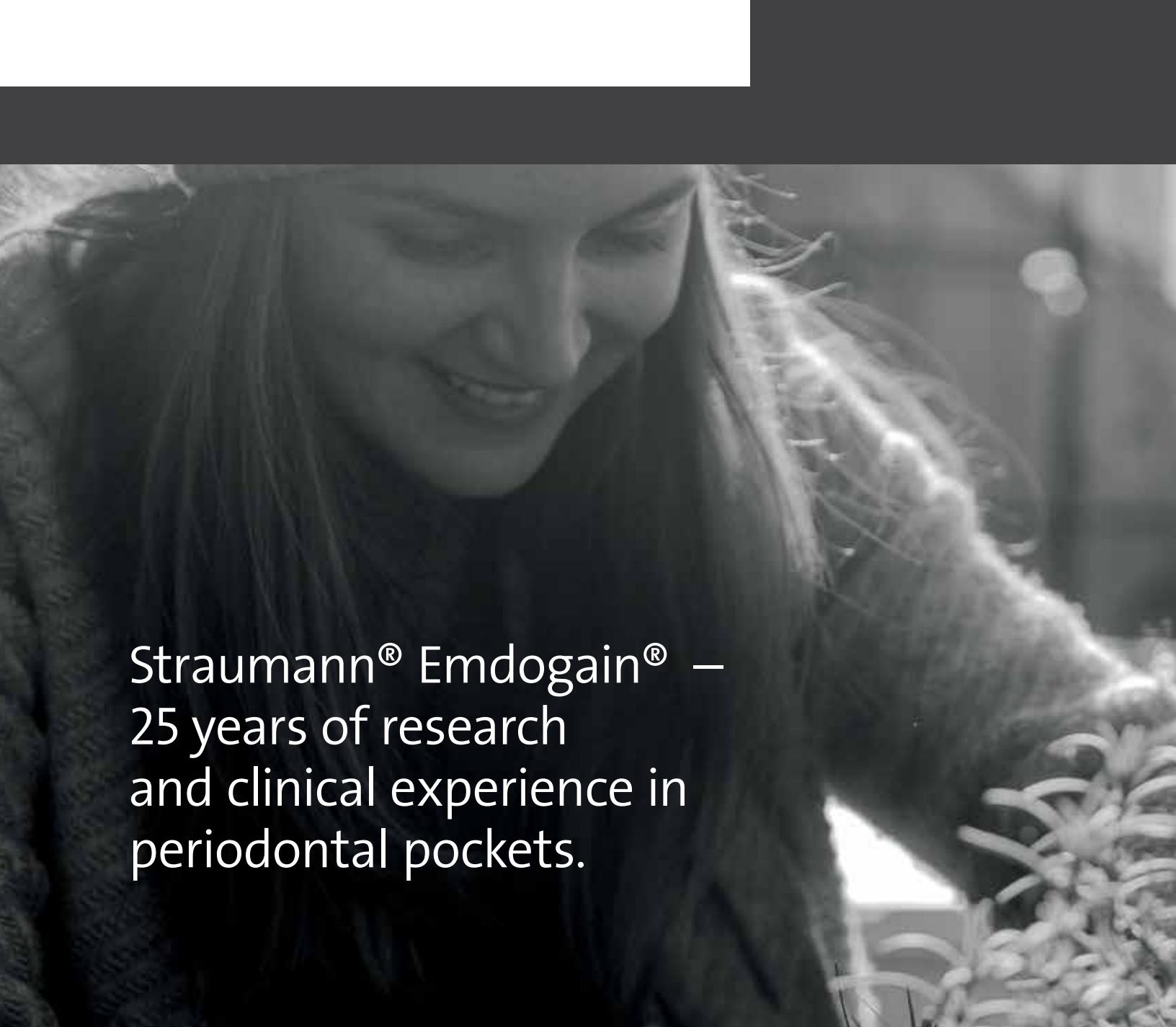


3 years after treatment with  
Straumann® Emdogain® MI



PPD = 1–2 mm

Pictures with courtesy of Dr. Orest G. Komarnyckyj, DDS, Phoenix, AZ



# Straumann® Emdogain® – 25 years of research and clinical experience in periodontal pockets.

Straumann Emdogain leads to true periodontal regeneration. Emdogain MI contains enamel matrix derivative – the active protein matrix responsible for tooth formation. When applied to cleaned tooth root surfaces, the protein composition in Straumann Emdogain MI is able to induce the regeneration of periodontal tissues: cementum, periodontal ligament and alveolar bone.

## STRAUMANN® EMDOGAIN® MI – BASED ON A STRONG FOUNDATION

Straumann Emdogain is the gold standard for the 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 MI can be used to regenerate and help regain tooth support as part of minimally invasive periodontal procedures.

### STRAUMANN® EMDOGAIN® IN FACTS AND FIGURES

<b>25 years</b> on the market	<b>&gt; 600</b> clinical & <b>1,000</b> scientific publications**	<b>Stable</b> <b>results</b> documented <b>over 10</b> <b>years</b> in 2 indications
<b>&gt; 2 million</b> patients treated*	<b>Extremely</b> well tolerated***	

\* 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 MI is available in two 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.

Article Number	Product Name	Contents
075.132	Emdogain® MI 0.15 ml	1x Emdogain® MI 0.15 ml 1x PrefGel® 0.6 ml 2x 23G x 1 inch cannulas for minimally invasive surgery
075.133	Emdogain® MI 0.3 ml	1x Emdogain® MI 0.3 ml 1x PrefGel® 0.6 ml 2x 23G x 1 inch cannulas for minimally invasive surgery



Contact your local Straumann representative  
now or visit [www.strumanngroup.ca/eshop](http://www.strumanngroup.ca/eshop).

# Straumann® Emdogain® MI

With Emdogain® MI, periodontal regeneration can be achieved in a minimally invasive way.

- **Effective:** Procedures have shown to be effective due to the regeneration of periodontal pockets in conjunction with 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 MI.



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## REFERENCES

1 Straumann Sponsored Study (data on file, study ongoing). 2 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. 3 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. 4 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.

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