

STRAUMANN® EMDOGAIN® **FL**

Cultivating periodontal regeneration.



DIFFERENTIATE YOUR PRACTICE BY OFFERING A FLAPLESS REGENERATIVE PERIODONTAL TREATMENT WITH STRAUMANN® EMDOGAIN® FL.

For the first time, true periodontal regeneration can be achieved in a mini-mally invasive way: without surgical flap.

Based on decades of clinical experience in regenerative flap surgery periodontal pockets up to 9 mm deep can now be regenerated and eliminated as part of flapless periodontal procedures with Emdogain® FL.



MORE EFFECTIVE

Eliminate more pockets.



MORE EFFICIENT

Achieve results comparable to periodontal flap surgery.



INCREASE PATIENT COMFORT

Render your procedures milder and more tolerable.

3 YEAR **RESULTS** AFTER FLAPLESS PERIODONTAL REGENERATION WITH EMDOGAIN® FL.



Left frontal incisor before treatment



PPD ≥ 9mm



3 years after treatment with
Straumann® Emdogain® FL



PPD = 1–2 mm

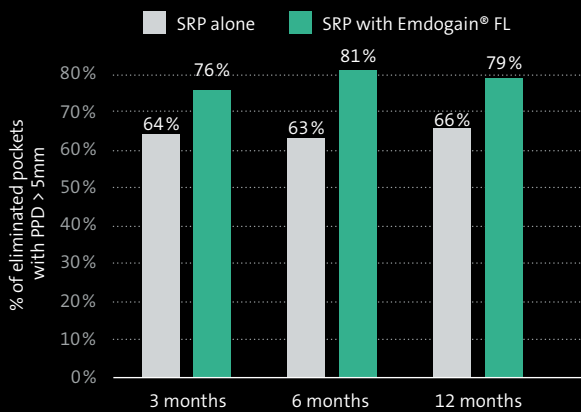
Pictures with courtesy of Dr. Orest G Komarnyckyj DDS, Phoenix AZ, USA



Adding Emdogain® FL to a flapless periodontal procedure* can help you to eliminate more pockets, have more efficient procedures and improve the quality of life for your patients.

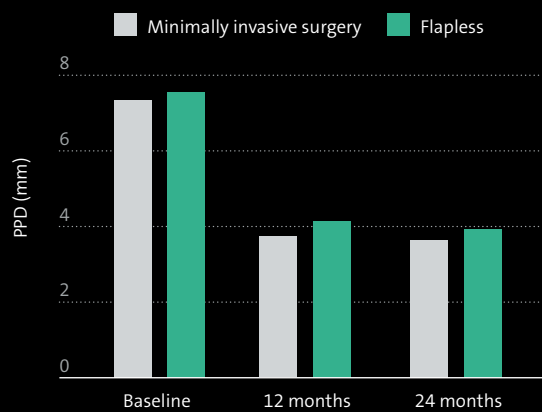
MORE EFFECTIVE

- Eliminate more pockets and render your procedures more effective
- Significantly improved clinical results¹



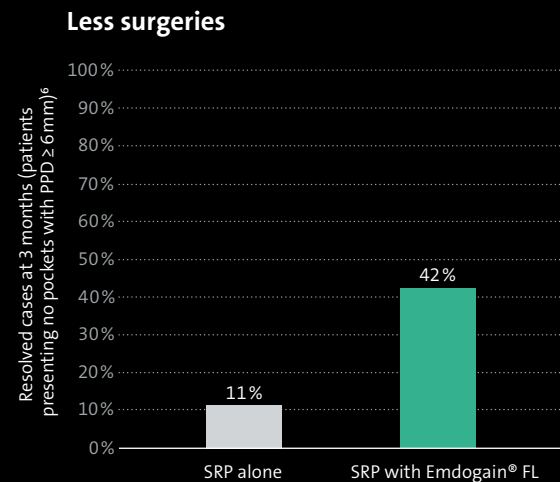
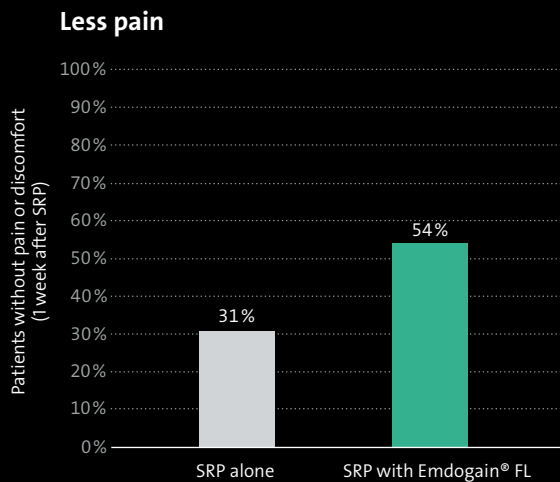
MORE EFFICIENT

- Render your procedures more efficient with clinical results comparable to periodontal surgery
- Similar clinical results as when Emdogain® is applied with a flap surgery after 12 and 24 months²




INCREASE PATIENT COMFORT

- Improve the quality of life of patients by reducing pain, swelling and systemic inflammation
- Faster patient³ recovery
- True periodontal regeneration as evidenced by the formation of new cementum, new periodontal ligament and new bone in pre-clinical⁴ and clinical⁵ histological studies



* as described in the instructions for use for Emdogain® FL available at ifu.straumann.com



STRAUMANN® EMDOGAIN® FL 20 YEARS OF RESEARCH AND CLINICAL **EXPERIENCE** IN PERIODONTAL POCKETS.

Straumann® Emdogain® FL leads to true periodontal regeneration based on biomimicry. Emdogain® FL contains enamel matrix derivative – the active natural protein matrix responsible for tooth formation. When applied to cleaned tooth root surfaces the unique protein composition in Straumann Emdogain® FL is able to induce the regeneration of all periodontal tissues: gingiva, cementum, periodontal ligament and alveolar bone.

STRAUMANN® EMDOGAIN® FL – BASED ON A STRONG FOUNDATION

Straumann® Emdogain® is the gold standard for the safe and predictable regeneration of periodontal tissues lost as part of periodontitis or trauma. Based on the foundation of long-term clinical

experience, the unique regenerative properties of the product have now been used to develop Emdogain® FL to regenerate and help save teeth as part of flapless peri-odontal procedures.

STRAUMANN® EMDOGAIN® IN FACTS AND FIGURES

> 25 years
on the market

**> 600 clinical
& 1,000 scientific
publications****

Stable results
documented
over 10 years
in two indications

> 2.5 million
patients treated*

Extremely
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 0.003 %

AVAILABLE IN THE FOLLOWING SIZES

Straumann® Emdogain® FL is available in two product sizes for the flapless regenerative periodontal treatment of single or multiple pockets.

Article number	Product name	Contents
075.130	Emdogain® FL 0.15 ml	1× Emdogain® FL 0.15 ml
		1× PrefGel® 0.6 ml
		2× cannulas for flapless use
075.131	Emdogain® FL 0.3 ml	1× Emdogain® FL 0.3 ml
		1× PrefGel® 0.6 ml
		2× cannulas for flapless use



Contact your local
Straumann representative
now or visit our website.

STRAUMANN® EMDOGAIN® FL

With Emdogain® FL periodontal regeneration can be achieved in a minimally invasive way: without surgical flap.

- Effective: renders procedures more effective and eliminates more pockets as part of periodontal debridement procedures
- Efficient: renders procedures more efficient and acceptable by achieving results comparable to periodontal flap surgery
- Patient comfort: improves patient satisfaction and renders procedures more tolerable by reducing pain, swelling and systemic inflammation

REFERENCES

1 Straumann Sponsored Study (data on file, study ongoing). 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 Shuja 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. 6 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.



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