Biomaterials@Straumann®
Because one option is not enough.

Straumann® Emdogain®
ENAMEL MATRIX DERIVATIVE
**WHY USE STRAUMANN® EMDOGAIN®?**

<table>
<thead>
<tr>
<th>Emdogain® induces true regeneration</th>
<th>By modulating the wound healing process, Emdogain® induces the regeneration of a functional attachment in periodontal procedures (as evidenced by human histological data¹²)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Emdogain® improves wound healing in oral surgical procedures</td>
<td>By promoting angiogenesis³⁴, modulating the production of factors related to inflammation⁵ and thanks to its anti-microbial effect toward oral pathogens⁶, Emdogain® accelerates the wound healing process of oral surgical procedures⁷</td>
</tr>
</tbody>
</table>
| Emdogain® increased the predictability of your periodontal procedures | Emdogain® leads to:  
- significantly improved clinical parameters in intra-osseous defects compared to open flap debridement procedures alone⁸  
- increased root coverage achieved when used in a coronally advanced flap (CAF) compared to CAF alone⁹, and leads to results comparable to CAF + Connective Tissue Graft¹⁰ |
| Emdogain® helps you achieve patient satisfaction | - When used to treat intra-osseous defects, Emdogain® contributes to improve your patients’ dental prognosis.  
- When used in oral surgical procedures in general, Emdogain® accelerates wound closure¹¹, and reduces post surgical pain and swelling¹².  
- When used in periodontal plastic procedures around teeth and implants, Emdogain® may improve the esthetics of the results thanks to improved wound healing. |
| Emdogain® is easy to apply | Because Emdogain® is a gel, it requires no trimming and is easy to apply, even in defects difficult to access. |
| Emdogain® means peace of mind | Emdogain® is backed by extensive and long term clinical documentation. It is documented in over 1000 scientific publications including 600 clinical publications¹³ and 10 year data¹⁰,¹⁴. |

**APPLICATION / HANDLING**

Refer to the instructions for use available at ifu.straumann.com

Visit our internet site to discover more about the unique healing qualities of Emdogain:
Straumann® Emdogain®

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Prof. Dr. David Cochran, 
Implantologist, 
San Antonio/USA

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**PROPERTIES**

<table>
<thead>
<tr>
<th>Property</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Origin</td>
<td>Porcine unerupted tooth buds</td>
</tr>
<tr>
<td>Composition</td>
<td>Enamel matrix derivative, Propylene Glycol Alginate (PGA), water</td>
</tr>
<tr>
<td>Structure</td>
<td>Ready to use gel</td>
</tr>
<tr>
<td>Storage temperature</td>
<td>Cool storage in fridge (2°C – 8°C)</td>
</tr>
<tr>
<td>Shelf life</td>
<td>2 years</td>
</tr>
</tbody>
</table>

**INDICATIONS**

Emdogain® is best suited for periodontology, implantology and oral surgery:
- Intrabony defects
- Gingival recessions
- Class II furcations
- Oral wound healing
- Extraction sockets

**Emdogain® in oral regeneration**

Periodontitis is associated with a loss of tooth-supporting tissues which is irreversible and the main reason for tooth loss if left untreated. Emdogain® is the golden standard when it comes to inducing the regeneration of lost periodontal tissues in a safe, easy and predictable way. Long-term clinical studies have demonstrated that Emdogain® can effectively help save teeth and revert gingival recessions.

**Emdogain® in wound healing**

As esthetics, comfort and efficiency become more and more important when it comes to implant dentistry, Emdogain® is the solution you have been searching for. Emdogain® allows accelerated healing, minimizing discomfort for your patients through less swelling pain, and faster recovery. Further it will initiate a natural recovery that leads to esthetic outcomes.

**TREATMENT**

*Courtesy of Prof. Carlos Nemcovsky*

Before treatment with Straumann® Emdogain®

20 years after treatment with Straumann® Emdogain®

*Courtesy of Prof. Giovanni Zucchelli*

Before treatment with Straumann® Emdogain®

8 months after treatment with Straumann® Emdogain®

**Available in the following sizes**

<table>
<thead>
<tr>
<th>Product</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Emdogain® Singlepack</strong></td>
<td></td>
</tr>
<tr>
<td>1 x Straumann® Emdogain® 0.15 ml</td>
<td>075.127W</td>
</tr>
<tr>
<td>1 x Straumann® Emdogain® 0.3 ml</td>
<td>075.101W</td>
</tr>
<tr>
<td>1 x Straumann® Emdogain® 0.7 ml</td>
<td>075.102W</td>
</tr>
<tr>
<td><strong>Emdogain® Multipack</strong></td>
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</tr>
<tr>
<td>3 x Straumann® Emdogain® 0.3 ml</td>
<td>075.114W</td>
</tr>
<tr>
<td>3 x Straumann® PrefGel® 0.6 ml</td>
<td></td>
</tr>
<tr>
<td>3 x Straumann® Emdogain® 0.7 ml</td>
<td>075.116W</td>
</tr>
<tr>
<td>3 x Straumann® PrefGel® 0.6 ml</td>
<td></td>
</tr>
<tr>
<td><strong>Emdogain® 5-Pack</strong></td>
<td></td>
</tr>
<tr>
<td>5 x Straumann® Emdogain® 0.15 ml</td>
<td>075.098W</td>
</tr>
<tr>
<td><strong>PrefGel®</strong></td>
<td></td>
</tr>
<tr>
<td>5 x Straumann® PrefGel® 0.6 ml</td>
<td>075.203W</td>
</tr>
</tbody>
</table>
REFERENCES


13 according to PUBMED search for “Emdogain” OR “enamel matrix derivative”


Visit our internet site to discover more about the unique healing qualities of Emdogain: Straumann® Emdogain®

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