

ROOT COVERAGE PROCEDURES

– THE PATIENT FRIENDLY WAY.



Straumann® Emdogain® & mucoderm®

Aesthetics are becoming increasingly important and with this trend, the request for root coverage procedures.

Although it has been shown that adding Straumann® Emdogain® to a coronally advanced flap (CAF) procedure leads to clinical results after one and after ten years comparable to a CAF procedure with an autologous connective tissue graft¹, the addition of a connective tissue graft is still recommended when treating patients with a thin gingival biotype². Tissue harvesting is associated with patient discomfort and a higher risk for post-operative complications. The combined application of Straumann® Emdogain® and mucoderm® is a valid alternative to autologous tissue grafts³.

CLINICAL CASE by Prof. Dr. Giovanni Zucchelli,

realized with a coronally advanced flap together with Straumann® Emdogain® and mucoderm®



Straumann® Emdogain® and mucoderm® –
The combination of choice for your root coverage procedures for:

- Improved esthetics
- Long term esthetics
- Less post-surgical discomfort for your patients
- Faster and easier procedures

“The adjunctive use of Emdogain® and mucoderm® to the Coronally Advanced Flap allows to improve the quality of attachment between the soft tissue and the root and increase soft tissue thickness. Both these factors are critical for the long term stability of root coverage outcome.” **PROF. DR. GIOVANNI ZUCHELLI**

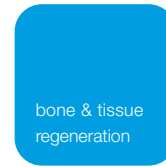
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Straumann® Emdogain®

ENAMEL MATRIX DERIVATIVE

Straumann® Emdogain® is a unique gel containing enamel matrix derivative of porcine origin. The main component is amelogenin, which has demonstrated the ability to stimulate certain cells types involved in the healing process of soft and hard tissues towards a regenerative pattern, thus leading to true periodontal regeneration and accelerated oral wound healing.

In root coverage procedures, using Straumann® Emdogain® leads to:

- Improved root coverage when compared with coronally advanced flap (CAF) procedures alone⁴⁻⁷
- Improved quantity of keratinized tissue⁵
- True regeneration as shown in human histological studies⁸
- Less post-operative pain and swelling for the patient⁹



mucoderm®

3D-STABLE SOFT TISSUE (COLLAGEN) GRAFT

mucoderm® provides a true alternative to the patient's connective tissue graft in certain indications (recession coverage Miller class I-III¹⁰⁻¹², broadening of attached gingiva¹³, soft tissue augmentation/thickening¹⁴⁻¹⁷). This stable 3-dimensional collagen soft tissue replacement, made of porcine dermis, supports fast revascularization and soft tissue integration, including color and texture.

As an alternative to autologous tissue grafts, using mucoderm® leads to:

- The maintenance or an increase in soft tissue thickness
- Good integration into the surrounding tissue with respect to color and texture
- Reduced patient chair time
- No donor site morbidity
- No pain associated with tissue harvesting



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REV-Nr.: EMDMDen-01/2018-02