

Patient information on the  
treatment of gum disease

Straumann®  
**Emdogain®**

More than 2 million  
patients treated

Saving teeth  
for more than 20 years  
**Straumann® Emdogain®**

 **straumann**  
simply doing more

# What do you know about gum disease?

Gum disease is the most common cause of tooth loss among adults and affects the majority of the adult population to some degree.\*

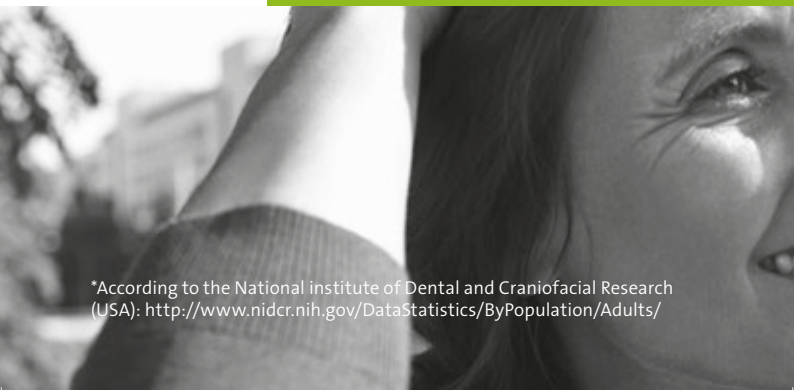
## ARE YOU AT RISK?

- Do your **gums bleed** when you brush or floss your teeth?
- Do you have **bad breath**?
- Are your **gums red or swollen**?
- Do you **smoke**?

If you answered YES to any of these questions, you might be at risk of having gum disease.

Left untreated, not only could this condition lead to tooth loss, but it could also put you at risk of cardiovascular diseases, such as heart attacks and strokes.

\*According to the National Institute of Dental and Craniofacial Research (USA): <http://www.nidcr.nih.gov/DataStatistics/ByPopulation/Adults/>

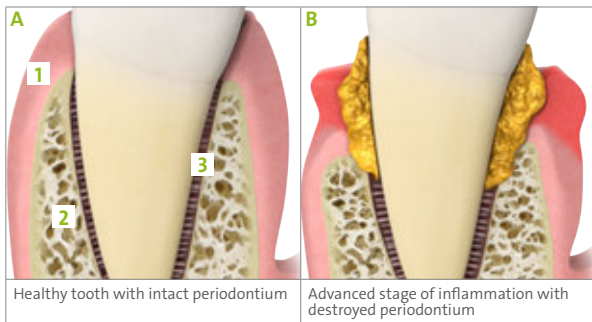


# Gum disease: the hidden threat to your health

Gum disease is a “hidden” threat to your health. Why? Because even if your teeth look good, seem to be healthy and are free of pain, the issue might lie under your gums, in the teeth supporting tissues such as the jaw bone and the periodontal ligament (the ligament between the teeth and the jaw bone).

In the first stage, the gum becomes inflamed. This is called gingivitis and is reversible.

If the inflammation spreads under the gums, it starts to destroy the teeth supporting structures (see fig. B). Such damages which may cause teeth to become loose and fall out are irreversible unless medical attention is sought.



1 = gum 2 = bone 3 = periodontal ligament



**Gum disease is a silent disease. Usually, no serious symptoms (pain, discoloration of the gum) are apparent before the disease has reached an advanced stage or the tooth is lost.**

# How can gum disease be treated?



To overcome the periodontal disease successfully, the inflammation needs to be treated.

## **INITIAL TREATMENT**

The first step consists in professionally cleaning the affected teeth to remove the bacteria which caused the disease. You are instructed how to clean your teeth optimally – even areas that are difficult to reach, such as interdental spaces.



Removal of plaque and tartar

## REGENERATIVE THERAPY

If the initial treatment is not sufficient to achieve periodontal health, because the disease has progressed to a state where the bone supporting your teeth has been extensively destroyed by periodontal disease, a regenerative therapy may be indicated.

### The procedure

Straumann® Emdogain® is applied to the exposed, cleaned root surface in a minor surgical procedure.



Emdogain® is applied to the defect; its gel-like consistency enables it to be applied evenly.

### Active cooperation is a prerequisite

The success of such a periodontal treatment depends on your active cooperation. With a combination of daily oral hygiene and professional maintenance care as indicated by your dentist, you will increase your chances of keeping your natural teeth.



## Straumann® Emdogain®: what is it and how does it work?

**With more than 800 scientific studies and more than 2 million patients treated, Emdogain® is one of the best documented and proven products in dentistry.**

### **Emulating nature – the principle of mimicry**

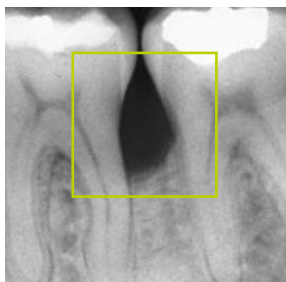
Straumann® Emdogain® is a gel that contains specific natural proteins. It mimics the biological process of natural tooth development, promoting regeneration of all periodontal tissues. The restoration of the teeth-supporting structures ensures a firm anchorage for your teeth.

### **Long-term results**

Straumann® Emdogain® is not a superficial, temporary solution. Because it regenerates your lost tissues in depth, it helps to preserve the tooth in the long run.



### Bone defect caused by gum disease\*



#### Initial diagnosis

Gum disease has caused a pronounced bone defect



#### One year after treatment with Straumann® Emdogain®

It has been possible to regenerate the natural teeth-supporting structures have been regenerated.

#### At a glance

- Gum disease is the most common cause of tooth loss in adults.
- Emdogain® has the potential to save teeth that would otherwise be lost to gum disease.
- Using Emdogain® can result in less pain and swelling\*\* after surgery and promotes exceptionally fast healing.

\* Courtesy of Dr. Gunnar Heden, Sweden

\*\* Compared with traditional treatments

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