

New dental treatment of:

**Gingivitis**

**Periodontitis**

**Halitosis**

replace the harmful bacteria with helpful bacteria



## Your dentist/hygienist

Your dentist/hygienist now offers a new method to replace harmful bacteria with helpful ones in the oral cavity. ProlacSan<sup>®</sup>, a probiotic developed especially for dental use is now available. A probiotic consists of billions of helpful bacteria, improving the bacterial flora in the mouth.

ProlacSan<sup>®</sup> is available as a gel in a syringe, making it easy for your dentist to place the good bacteria in the dental pockets. The gel is placed after the dentist or dental hygienist has scaled your teeth and treated your dental pockets typically with FotoSan<sup>®</sup> light activated disinfection. This is done to eliminate as many harmful bacteria as possible. ProlacSan<sup>®</sup> is also available as lozenges for you to take at home as a follow up, one per day.



**Bacteria in the oral cavity** There are hundreds of different bacteria in your mouth. The majority consists of helpful bacteria maintaining a healthy environment, suppressing the numbers of harmful bacteria. The most pathogen bacteria are the anaerobic ones. The anaerobic bacteria live in the deep part of the dental pockets and in the crevices on the surface of the back of the tongue. Some of the harmful bacteria produce sulfur components resulting in bad breath. The pathogen bacteria in the dental pockets cause inflammation, which untreated may destroy the supporting tissue of the tooth. Eventually this may loosen the tooth.

## How does a probiotic work?

There are minimum 3 mechanisms described in the scientific literature:

1. The helpful bacteria outcompete the harmful and reinforce the good team
2. The helpful bacteria release substances that are inhibitory or deadly to the harmful bacteria
3. The helpful bacteria reduces the host inflammatory response in the surrounding tissue

## What can you do?

In addition to your daily hygiene what can you do?

It is a good idea to enhance the helpful bacteria in the mouth with a probiotic when:

- Your dentist/hygienist tells you that your dental pockets are deeper than normal .
- You experience bleeding from your gum when you brush or flush. This is a classic sign of gingivitis.
- You are predisposed by one or more of the known risk factors to develop gingivitis/periodontitis:

1. You are a smoker
  2. You are a diabetic, or diagnosed with another chronic disease with effect on your oral cavity
  3. You are medicated with a pharmaceutical with side effects changing the oral flora, (e.g. dry mouth)
- You suffer from bad breath



**Ask your dentist for more information.**

# ProlacSan®



Technical data:

One lozenge has  $1,2 \cdot 10^9$  cfu

Lactobacillus brevis and plantarum.

Mint taste, sorbitol sweetener.

**ProlacSan®** lozenges are sold  
through your dentist.



## CMS Dental

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