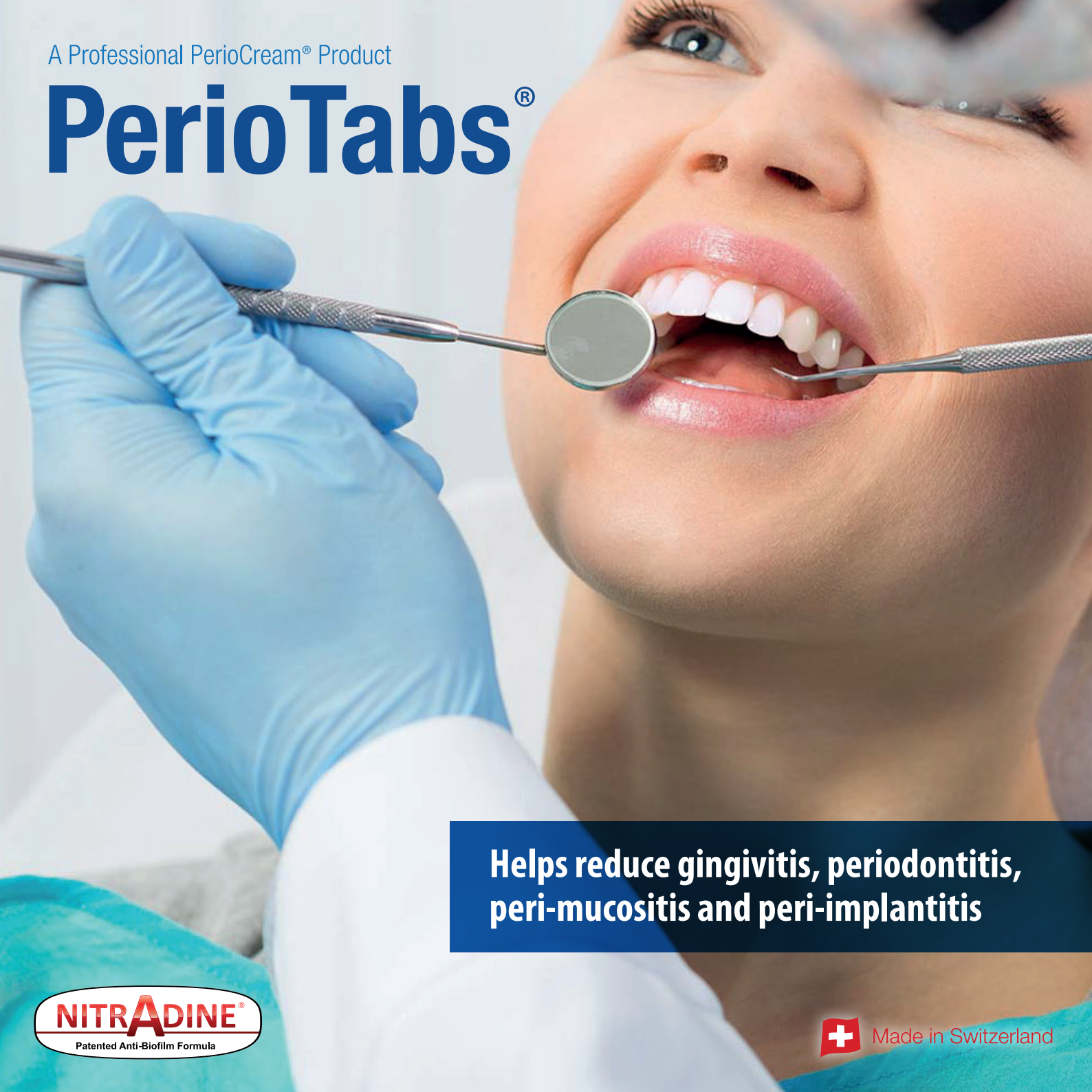
A Professional PerioCream® Product

PerioTabs®



Helps reduce gingivitis, periodontitis, peri-mucositis and peri-implantitis

NITRADINE®
Patented Anti-Biofilm Formula

Made in Switzerland

A Professional PerioCream® Product

PerioTabs®

NITRADINE®
Patented Anti-Biofilm Formula

A BREAKTHROUGH IN ORAL CARE

What is PerioTabs®?

- A unique and easy to use brushing solution for gums and teeth.
- Helps reduce gingivitis and periodontitis.
- Helps reduce the risk of developing peri-mucositis and peri-implantitis.
- A safe, non-antibiotic biofilm removal formulation based on the world renowned NitrAdine®.
- No side effects such as teeth colouration, corrosion or burning sensations.

Product description

PerioTabs® helps reduce gingivitis, periodontitis, peri-mucositis and peri-implantitis through elimination of oral biofilm accumulation on gums, teeth and dental implants. The procedure consists of brushing the teeth and gums with the provided tablets dissolved in lukewarm water (Figure 1).

The formulation of PerioTabs® is based on the NitrAdine® anti-biofilm formula and is intended for use in the oral cavity on gums and teeth.

PerioTabs® contains 10 small effervescent tablets (1 tablet per day for 10 days). One tablet is to be dissolved in 15ml of lukewarm water in the provided container. Whilst the tablet is dissolving, the toothbrush should be immersed in the solution and left for 15 minutes. This will allow the toothbrush bristles to absorb the PerioTabs® solution (Figure 2) before brushing commences. The patient should then brush their teeth and gums with the solution for 2 minutes (Figure 3). This process should be repeated for 10 consecutive days.

PerioTabs® is a Medical Device Class I product, and patent pending in Europe and USA (application numbers EP15798353.7 and US 15/526,247).

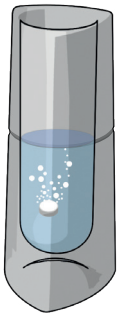


Figure 1

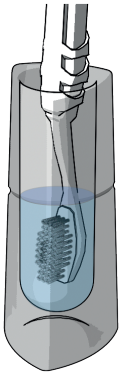


Figure 2

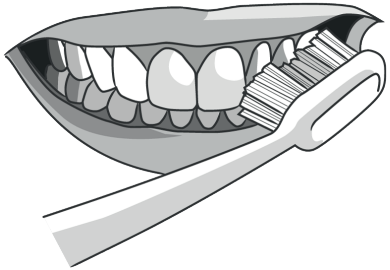


Figure 3

What is NitrAdine®?

NitrAdine® is a unique tablet formulation. When dissolved in lukewarm water, it will result in a highly active solution that removes pathogenic biofilm from teeth, gums and implant materials to clinically insignificant levels.

The mode of action of NitrAdine®'s efficacy is based on the combination of a high concentration of surfactant (SLS) and other ingredients. The surfactant denatures the biofilm/micro-organism membrane proteins, whilst the other ingredients result in a slow release of a non-toxic concentration of only 0.02% hypochlorite, killing all micro-organisms (bacteria, fungi and viruses) present within the biofilm. (NitrAdine® is not hypochlorite. Hypochlorite, also called bleach, is a 2-10% concentration of NaOCl, which is toxic and cannot be used in the mouth).

Several independent academic *in-vitro* studies have demonstrated that NitrAdine® induces a significant reduction of biofilm formed by *Candida albicans, Staphylococcus aureus, Streptococcus mutans* and *Pseudomonas aeruginosa* on oral medical devices. In addition, an anti-viral activity against *Herpes simplex* was observed (Ref 1-8). Recent clinical studies in patients suffering from chronic periodontitis demonstrated that 10 days brushing with PerioTabs® induces a significant reduction of periodontopathogenic bacteria including *Porphyromonas gingivalis, Provotella intermedia* and *Aggregatibacter actinomycetemcomitans* (Ref 9). NitrAdine® also reduces microorganisms present on toothbrush heads.

Additional properties of NitrAdine®:

- Non-toxic to gums (non-irritating, non-sensitizing)
- Non-antibiotic
- Non-corrosive to metal implants
- Non-erosive to dentine or enamel
- Compatible with all toothbrush heads

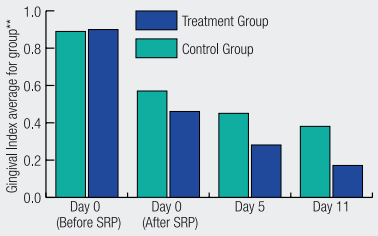
NITRADINE®
Patented Anti-Biofilm Formula

Efficacy of PerioTabs®

Clinical trial results

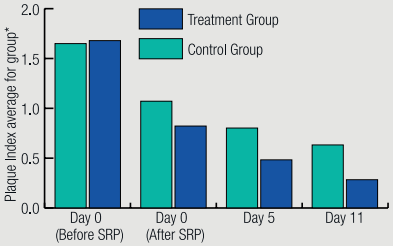
Multicentre, open label, randomised, clinical study to evaluate and compare the efficacy and safety of PerioCream®, a Periodontal Paste Dressing and Gum Brushing Solution (PerioTabs®) as an adjunct treatment to scaling and root planing (SRP) in patients suffering from chronic periodontitis.

Summary of Gingival Index progression over the treatment period



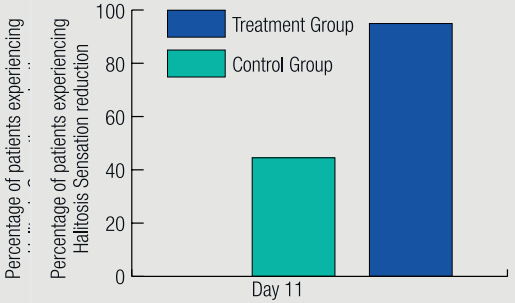
**Gingival Index was assessed using (Loe and Silness; 1963) index system for the assessment of the gingival condition and record qualitative changes on the gingival. It scores the marginal and interproximal tissues separately on the basis of 0 to 3.

Summary of Plaque Index progression over the treatment period

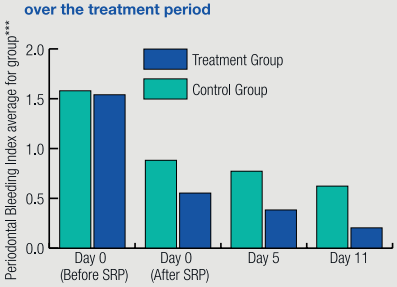


*Plaque levels were assessed using the Turkesy modification of the Quiglet-Hein Plaque Index.

Halitosis sensation after 11 days



Summary of Periodontal Bleeding Index progression over the treatment period

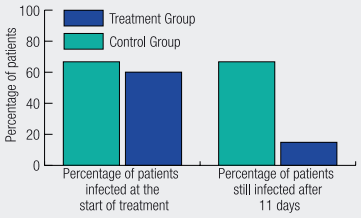


***Periodontal Bleeding Index was measured using Muhleman and Son 1971 score chart, which described the sulcus bleeding.

Microbial gum infection over the treatment period

Control group: 66.7% were infected at the start of the treatment. Out of these 66.7%, 100% were still infected after 11 days.

Treatment group: 60% were infected at the start of the treatment. Out of these 60%, only 25% were still infected after 11 days.



Efficacy of PerioTabs®

Case studies results

Before SRP

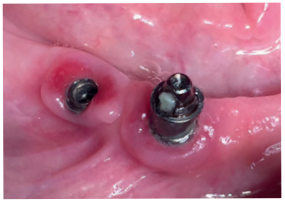
After SRP / 10 days
brushing with PerioTabs®

Post SRP

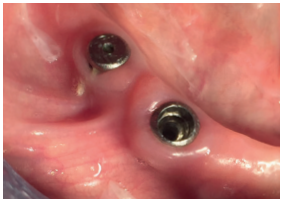
Post SRP / 10 days
brushing with PerioTabs®

Before

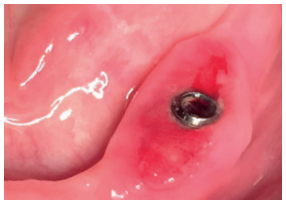
After 10 days brushing
with PerioTabs®



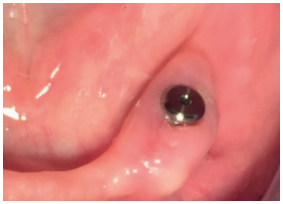
Before



After 5 days brushing
with PerioTabs®



Before



After 5 days brushing
with PerioTabs®

Efficacy of PerioTabs®

Case studies results

Before

Before

Before

After 10 days brushing with PerioTabs®

After 10 days brushing with PerioTabs®

After 10 days brushing with PerioTabs®

Scientific references on NitrAdine®

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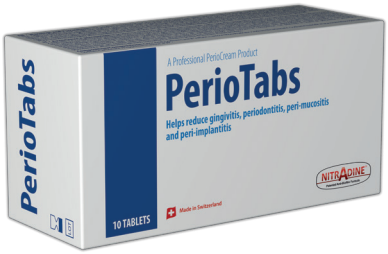

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