



# **NATURAL+**<sup>TM</sup> Revolutionizing teeth whitening

- **Whiter & Faster**
- **No Sensitivity**
- **Easy to Use**
- **Long-lasting Results**

**meodental**  
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**All** the dental bleaching products on the market which contain hydrogen peroxide work on the same mode, because the process of decomposition of the hydrogen peroxide applies to all on the same basis.

In brief, its process of decomposition is completed in an exothermic reaction of dismutation into water and dioxygen, its rate being influenced by factors depending on the temperature, the impurities and the stabilizers. Commonly, it is metals of transition and derivatives which facilitate the decomposition of the hydrogen peroxide. The use of a catalyst also comes to increase strongly its decomposition into oxygen and gives off heat.

**Natural+™** is a patented, ecological active agent, which prevents these phenomena. Its operating mode is literally different, and its whitening power is increased, safely. It works on an "atypical" mode because, stabilized, its mode of decomposition is progressive and not volatile, as inherently hydrogen peroxide is. It presents numerous advantages. It is not necessary to renew the pose of the gel between two sessions to reactivate the efficiency of the product which releases the oxygen over a period of more than 20 minutes.

It does not oxidize because it includes in its composition chelator agents which allow it to keep its stability. It therefore departs from all the common process, existing on the market, as it reacts according to its own operating mode. Thus it is not necessary anymore to bring it together with metals of transition in order to potentialize its activity. The light of the **Natural+™** lamp, without giving off heat, allows activating its whitening properties, without producing residues. Since **Natural+™** is stabilized, the dentist can control the pace of decomposition via the intensity and duty cycle of illumination by selecting the appropriate **Natural+™** lamp program.

The active agent **Natural+™** includes Calcium at an optimal rate to prevent against demineralization of the tooth and while the hydrogen peroxide is entering into its phase of activation, it reacts on the Calcium, included into its composition, which acts as a buffer on the acidity and then allows the bleaching gel to preserve a neutral pH. Prolonged exposure of teeth to bleaching compositions,

as practiced at present, has a number of adverse effects in addition to that of tooth sensitivity. These include: solubilization of Calcium from the enamel layer at a pH less than 5.5 with associated demineralization; penetration of the intact enamel and dentin by the bleaching agents, so as to reach the pulp chamber of a vital tooth thereby risking damage to pulpal tissue; and dilution of the bleaching compositions with saliva with resulting leaching from the dental tray and subsequent digestion.

The exceptional properties of the active stabilized agent **Natural+™** and the presence of Calcium in the formula, allow when these two components are associated to release the maximum of oxygen in a constant and progressive way during the duration of the treatment. As a result it has a greater whitening power and a reduction of the processing time at the dentist's chair for the patient (a

single session of 30 min. is enough to gain up to 8 shades).

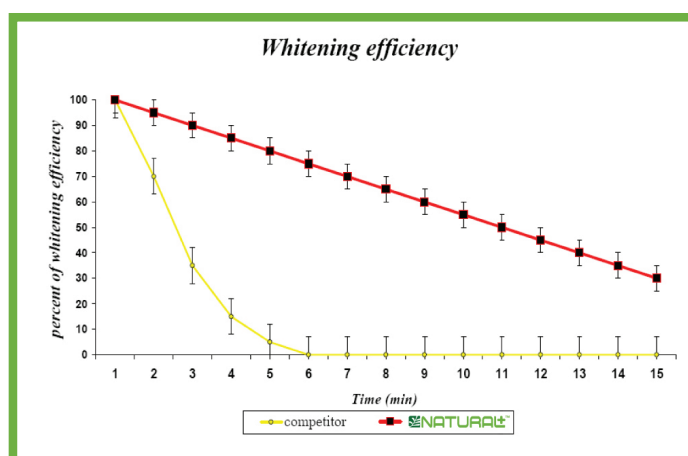
The **Natural+™** gel, besides containing Calcium is enriched in Potassium Nitrate, which role is to affect the threshold of reaction of the sensory nerves and so to relieve the pain as well as Sodium Fluoride, which strengthens the calcic barrier enamel/dentin and acts as a desensitizing substance

and has a cariostatic action.

Tooth sensitivity is believed to result from the movement of fluid through the dentinal tubes toward nerve endings in the tooth. This movement is enhanced by the carriers for presence of components which can be found in other bleaching gel compositions.

Meodental's **Natural+™** is a unique process, benefiting of a neutral pH, which answers to all clinical cases, even the most difficult as the treatment of dyschromies of intrinsic type, among which those bound to antibiotics (tetracycline) and fluorosis. **Natural+™** is also very effective for the treatment of the age-related extrinsic dyschromies, or in case of consumption of tea, coffee, wine, cigarettes, etc.

The **Natural+™** formula allows maintaining an optimal degree of hydration of the tooth during all the procedure of dental bleaching, so avoiding the exchanges of oral flows.



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