DENTIN DESENSITIZER is a product recommended for treating hypersensitivity of the exposed dentine (exposed roots, necks, enamel erosion, lesions due to brackets) and in the desensitizing and protective treatment of periodontally healthy and vital tooth stumps that are to be restored with a fixed prosthesis.

Dentinal sensitivity is a physiological sign of vitality and, at the same time, a sound defence mechanism for the tooth against nociceptive stimuli. At the paroxysmal state, it is an entire set of painful symptoms caused by dentinal exposure.

It is suffered by adults subjected to dental treatment, with an incidence of about one patient out of seven. In recent years we have witnessed a gradual increase in cases of patients with pain or dentinal hypersensitivity basically associated with gum retraction, amyloysis from brushing and wear of the radicular cement, factors which result in the exposure of dentin or its reduction.

DENTIN DESENSITIZER is made up of a suspension of 30% nano hydroxyapatite in absolute alcohol.

Hydroxyapatite (HA) processed according to an original Ghimas method has structural, dimensional and biofunctional properties that replicate those of natural dentin.

This biomimetic, non-re-absorbable nano hydroxyapatite bonds with the collagen fibrils on the surface of the dentinal tubules to occlude them and consequently reduce or eliminate the algesiogenic stimulus. Once it has filled in and occluded the open orifices of the dentinal tubules, the active nano hydroxyapatite resists acid attacks that occur in the oral cavity, and when applied on the stumps, it penetrates into the dentin to protect it without creating thicknesses that would be detrimental when positioning the prosthetic part.

Instructions for use:

1) Shake vigorously before use.
2) Isolate the tooth with cotton rolls.
   The areas of exposed dentin the suspension is to be applied to must be cleaned from the supragingival plaque and let wet. It is preferable they be damp with the patient’s saliva.
3) Apply with a brush and perform the dentist's unit air blast test to ensure application effectiveness.
4) Let the suspension for 20-30 seconds.
5) Repeat the operation at least three times.

Warnings:
For professional use only (dentist). Disposable product, because alcohol contained in the product evaporates, making the product unusable.

The product may settle. In this case shake vigorously until the suspension is reconstituted.

Contraindications:
using DENTIN DESENSITIZER suspension does not present general contraindications except for allergies in patients in whom specific sensitivity to the components is ascertained. However, all contraindications associated with hypersensitivity secondary to other dental pathologies or lesions such as cavities, pulpitis and paradontal disease remain valid.

Side effects: it may cause a transitory hypersensitivity to cold after application in particularly susceptible patients.

Notes for storage:
• Do not use DENTIN DESENSITIZER after the expiry date printed on the package.
• The waste (including any remaining end application) is to be considered special.
• The package can be stored at room temperature (2-30 °C), provided it is well kept closed.

Appearance:
Package contains: No. 4 disposable vials 1.2 ml, brushes applicators.

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The product was created for use in dentistry and must be used in the manner indicated by the prescribing information. The manufacturer declines any liability for damage or harm caused by different and improper use of the product. It is the user’s personal responsibility to ensure that the product is suitable for the uses to which he or she intends for it, especially if such uses are not indicated in the prescribing information.

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