

FAQs



FAQsGLUMA Desensitizer

Giving a hand to oral health.



01

Application

For which indications can GLUMA Desensitizer be used?

GLUMA Desensitizer is indicated to reduce or even eliminate pain in exposed cervical areas not requiring restoration and to alleviate or prevent dentinal sensitivity after preparation of teeth to receive indirect or direct restorations.

Can GLUMA Desensitizer be used in combination with dental adhesive techniques?

GLUMA Desensitizer is indicated to alleviate or prevent dentinal sensitivity after preparation of teeth to receive indirect or direct restorations. It is compatible with dental adhesives and adhesive resin-based luting materials. The use of GLUMA Desensitizer may contribute to the preservation of adhesive interfaces by its cross-linking and inhibitory properties of endogenous dentin MMPs ^a. In combination with adhesives used in total etch or selective enamel etching technique, GLUMA Desensitizer should be applied after phosphoric acid etching.

In case of self-etch adhesives, GLUMA Desensitizer is to be applied prior to the adhesive.

How long is the application time of GLUMA Desensitizer?

A minimal amount of GLUMA Desensitizer should be gently massaged on the dentine for approx. 30 to 60 seconds. Then the surface should be carefully dried in an air stream until the liquid film has disappeared and the surface is no longer shiny, then it should be rinsed with plenty of water under suction.

Why does GLUMA Desensitizer need to be rinsed off?

GLUMA Desensitizer is used for the treatment of dentine. It contains glutardialdehyde. To avoid irritation of oral soft tissues, GLUMA Desensitizer must never touch soft tissue and must be rinsed off with plenty of water by the dental health care professional. Mucous membranes should be protected by rubber dam.

Please consult the instruction for use.

Why does GLUMA Desensitizer need to be air-dried prior to rinsing off?

After application on the hypersensitive tooth area, GLUMA Desensitizer needs to be air-dried. This step increases the desensitizing effect. Afterwards, the desensitizer needs to be rinsed off using plenty of water by the dentist/dental assistant.

Why is rubber dam recommended for the application of GLUMA Desensitizer?

GLUMA Desensitizer contains glutardialdehyde. This agent is effective in the coagulation of proteins, providing the desired result within the dentine tubules. However, it also reacts with oral soft tissue when it comes in contact with gingiva or mucosa. This may cause temporary local irritations or necrosis of the soft tissue. To avoid any contact with oral soft tissue, rubber dam needs to be applied.

Please consult the instruction for use.

What happens if GLUMA Desensitizer is accidentally light-cured?

Light-curing does not affect GLUMA Desensitizer. GLUMA Desensitizer does not contain photocuring ingredients.

^a Sabatini C et al.: Inhibition of endogenous human dentin MMPs by Gluma. Dental Mat 30, 2014: 752-8.

02 Efficacy

Has the efficacy of GLUMA Desensitizer been clinically demonstrated?

GLUMA Desensitizer is one of the most evaluated desensitizers worldwide: Numerous in-vivo studies1 to 18, 20, 22 have shown the efficacy of GLUMA Desensitizer.

Does GLUMA Desensitizer reduce dentine hypersensitivity immediately after application?

A reduction of dentine hypersensitivity directly after its application was clinically demonstrated 4.

If a single application of GLUMA Desensitizer does not produce sufficient and sustained pain relief, the treatment can be repeated at the same or a subsequent appointment before alternative treatments are used.

How does GLUMA Desensitizer reduce dentine hypersensitivity?

GLUMA Desensitizer contains glutardialdehyde and hydroxyethyl-methacrylate. It achieves its effects by precipitation of plasma proteins, which reduces dentinal permeability and occludes the peripheral dentinal tubules. This inhibits the flow of fluid through the tubules which is the cause of sensitivity.

How long does the desensitizing effect of GLUMA Desensitizer last?

A published clinical study revealed a reduction of dentine hypersensitivity by GLUMA Desensitizer for at least 18 months. GLUMA Desensitizer was the only tested desensitizing agent that presented no increase in pain over the course of time, being considered as an effective and non-invasive treatment option 4.

03 General

How long has GLUMA Desensitizer been on the market?

GLUMA Desensitizer was launched in 1997.

What is the pH value of GLUMA Desensitizer?

GLUMA Desensitizer has a pH value of about 3-4.

In-vivo studies

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