Tips & Tricks

GLUMA Desensitizer & GLUMA Desensitizer PowerGel

Giving a hand to oral health.
Watch our video to see how GLUMA Desensitizer works:

youtube.com/KulzerNorthAmerica

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Introduction

Hypersensitive teeth have a negative impact on patients’ quality of life and can cause considerable discomfort to patients during dental treatment. GLUMA Desensitizer has been used successfully for the treatment and prevention of hypersensitive dentine since 1992. The product quickly established itself worldwide because it is easy to use, effective and reliable—both under direct and indirect restorations.

In this brochure, we want to introduce you to the easy application of GLUMA Desensitizer and GLUMA Desensitizer PowerGel for three different indications:

- Treatment of hypersensitive cervical dentine
- Prevention of post-operative discomfort after direct restorations
- Prevention of post-operative discomfort after indirect restorations.

We’ll guide you through the simple application steps. See for yourself just how easy it is to protect your patients from hypersensitivity and post-operative discomfort.

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Hanau (Germany), May 2018
01 Treatment of hypersensitive cervical dentine using GLUMA Desensitizer / GLUMA Desensitizer PowerGel

1. Preparation

Protect the gingiva with a rubber dam and clean the teeth using pumice slurry.

Tip: Always protect the gum to prevent glutaraldehyde-induced irritation of the gingiva.

2. Application

A) with GLUMA Desensitizer

Tip: It can take up to a couple of hours until the optimum desensitizing effect is achieved. In rare cases, GLUMA Desensitizer needs to be applied more than once.

Apply GLUMA Desensitizer locally on the exposed dentine in the cervical tooth area.

GLUMA Desensitizer enables
- Long-lasting reduction of dentine hypersensitivity.
- Easy application.
- Non-invasive treatment.
2. Application
B) with GLUMA Desensitizer PowerGel

Tip: Always close the syringe with its original cap. This will ensure that the product does not dry and avoid loss of product.

3. Exposure time

Apply GLUMA Desensitizer and GLUMA Desensitizer PowerGel for an application time of 30–60 seconds. Air dry the liquid GLUMA Desensitizer until the gloss of the liquid disappears.

4. Rinse off

Rinse off GLUMA Desensitizer and GLUMA Desensitizer PowerGel completely with plenty of water. Mouth washing of the patient alone is not sufficient.
Prevention of post-operative discomfort after direct restorations using GLUMA Desensitizer / GLUMA Desensitizer PowerGel

1. Preparation

Excavate and prepare the cavity for a direct composite restoration.

Tip: In case of a total etch treatment of the entire cavity, GLUMA Desensitizer should be applied after the etching.

2. Application
A) with GLUMA Desensitizer

Place GLUMA Desensitizer on the dentine for 30–60 sec. Then it needs to be air-dried until the gloss of the liquid disappears.

GLUMA Desensitizer ensures
- Full compatibility to all dental adhesives and luting materials.
- Quick and easy application.
2. Application
   B) with GLUMA Desensitizer PowerGel

3. Rinse off
   Rinse off GLUMA Desensitizer / GLUMA Desensitizer PowerGel with plenty of water. Afterwards, remove the excess water.

4. Application of the adhesive
   Tip: GLUMA Desensitizer / GLUMA Desensitizer PowerGel is fully compatible with all dental adhesives and luting materials. The bond strength remains high.

   Rinse off the etchant and apply GLUMA Desensitizer PowerGel for 30–60 sec.

   Apply the adhesive (e.g. iBOND Universal) on the entire cavity.

   Finally, place the composite (e.g. Venus Diamond) increments.
Prevention of post-operative discomfort after indirect restorations using GLUMA Desensitizer/GLUMA Desensitizer PowerGel

1. Preparation

Clinical situation: Insufficient Cerec ceramic partial crown on tooth 17.

Cavity preparation after mesial box elevation using iBOND Universal and Venus Diamond Flow Baseline.

Tip: Apply GLUMA Desensitizer PowerGel or GLUMA Desensitizer after dentine etching.
2. Application
with GLUMA Desensitizer/
GLUMA Desensitizer PowerGel

Apply GLUMA Desensitizer PowerGel or GLUMA Desensitizer on dentine. The liquid GLUMA Desensitizer needs to be air-dried.

After 30–60 sec application time, rinse the cavity with plenty of water and remove excess water.

Tip: The green gel consistency enables a better controlled application.

Final restoration after bonding of the cavity surface and luting of the disilicate partial crown using an adhesive cement.
For more information on GLUMA Desensitizer and GLUMA Desensitizer PowerGel, get the eBook!

PowerGelEbook.com

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⇒ FAQs
⇒ SCIENTIFIC INFORMATION
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