

Heraeus

GLUMA[®] Desensitizer

Aren't we worth it?

Your patients count on you. Don't let sensitivity damage their confidence. The best restorations start with Gluma[®], proven in over 50 million restorations. The assurance is worth the investment.

Full Mouth Restoration
\$30,000

Crown and Bridge
\$2,500

Inlay
\$850

Restoration
\$250

Veneers
\$10,000



GLUMA[®] 

Under Every Restoration[™]

GLUMA® Desensitizer and GLUMA® Desensitizer PowerGel

Two solutions to cover all of your sensitivity needs



Gluma® Desensitizer

Gluma® Desensitizer has been in the market for more than 20 years and has been used in more than 50 million restorations worldwide to stop and prevent hypersensitivity. One drop of Gluma® is all you need and the result is fast and effective. No mixing, no curing and no repetitive steps.



Gluma® Desensitizer PowerGel

With the same proven efficacy as Gluma® Desensitizer, Gluma® Desensitizer PowerGel is a unique one-step gel formula desensitizer that allows for greater control and accuracy during application. In addition, its unique green-color indicator provides visual ease of placement and rinse-clean capability.

Gluma is transforming patient lives!

“I just wanted to tell you, THANK YOU for Gluma! I am a patient and I cannot have anything done without it! This product has changed my life in the dental chair! I have had a lot of dental work throughout my life, but now with the use of Gluma, I do not suffer with pain/sensitivity after drilling/caps, etc.! This is the best product that I have ever been exposed to and I cannot thank you enough! I would never use a dentist that didn't use it! Thanks again!” - Sheila Waropay, Indialantic, FL (Unsolicited patient testimonial)

Feature	Benefit	Gluma® Desensitizer	Gluma® Desensitizer PowerGel
One step placement	No agitation or light curing required makes it easy to use and saves time	✓	✓
Universally compatible	Gluma® can be used with all bonding and restorative materials, in any situation	✓	✓
Economical	One drop, multiple applications	✓	✓
Gel consistency	Provides greater control and accuracy during placement		✓
No-drip formula	So it stays where you place it, minimizing potential contact with soft tissues		✓
Green color indicator	Allows for easy visual placement and rinse-clean capability		✓

Don't just take our word for it.



“Gluma®, every provisional, every restoration, every time.”
— Gary M DeWood, DDS, MS
(unpaid endorsement)



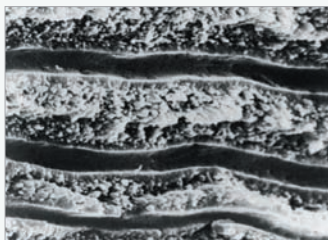
“Using Gluma® at UCLA with the total etch technique with both my private patients and my graduate students has virtually eliminated post adhesion sensitivity. We use it whenever Dentin is exposed. Recently we have also shown it actually increases bond strength with the total etch technique”
— Ed McLaren, DDS, MDC (unpaid endorsement)



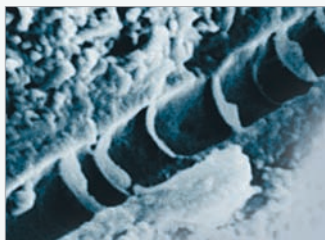
Gluma® – Under Every Restoration™

How it works:

- **Desensitize** Gluma® is the only desensitizer proven to penetrate exposed dentinal tubules up to 200µ. The result is the formation of multiple layers of protein septas that prevent inter-tubular fluid movements due to osmotic changes.
- **Inhibit bacteria** Gluma® provides a hermetic seal that acts as a microbial barrier, inhibiting bacterial growth.
- **Re-wet** Gluma® resurrects collapsed collagenous fibers, improving the bond strength of many adhesives.



Dentinal tubule before application of Gluma®



Protein septas following application of Gluma®

A must for doctors and hygienists

Indications:

For the reduction or elimination of pain caused by hypersensitivity in exposed cervical areas that do not require restorations, and of dentin sensitivity after preparation of teeth to receive fixed prosthesis or restorations.

Specific uses:

Doctor/Assistant

Under Every Restoration™

Use Gluma® under every restoration—direct and indirect—to ensure your patients the comfort they deserve.

- Under crowns
- Bridges
- Inlays & Onlays
- Veneers and temporaries
- Margins around temporary crowns
- Under all direct restorations

Hygienist

Spot Desensitize

With the control of a gel and confidence of Gluma®, your patients will appreciate the fast, effective, and long-term results for a more comfortable prophylaxis.

- Cervical erosions
- Exposed dentin surface
- Gingival recession

Billable to insurance:

D9910: Application of Desensitizing Medicaments

D9911: Application of Desensitizing Resin for Cervical and/or Root Surface, per Tooth

"I use Gluma® with all of my direct and indirect restorations, the anti-bacterial properties and reduction of risk of post-op sensitivity are part of my ongoing commitment to providing the best level of care for my patients."
— Lee Ann Brady, DMD (unpaid endorsement)



"Want ZERO sensitivity? Gluma® under every restoration, don't trust me, trust the research, Gluma Works! Period!"
— John F Weston DDS FAACD
(unpaid endorsement)

GLUMA: FROM INTRODUCTION TO ACCOLADES

FIRST DESENSITIZER ON THE MARKET

1987



DENTAL ADVISOR

1997

2000

2008 (Top Desensitizer)



REALITY'S CHOICE FIVE STAR AWARD

2001

2002•2003

2005•2006

2007•2009



TOWNIE CHOICE AWARD

2003•2004

2005•2006•2007

2008•2009•2010

CLINICIAN'S REPORT

2009

Top Effective Product for Class II

Research support and industry studies

Gluma® Desensitizer is clinically proven and recommended. Numerous studies have been performed on Gluma®, from safety to efficacy, in a number of different situations.

Clinical Effectiveness—Desensitization

Marked reduction in post-operative pain with Gluma dentine bonding system. 1993, Zahnärztliche Praxis, (Vol 7) Reprinted and Translated by Bayer in 1995.

Clinical Evaluation of Gluma 3 Primer to Dentin Hypersensitivity. Inoue M, Yoshikawa K, Okamoto A, Kota K, Fujii B, Iwaku M. Jap J Cons Dent 1996; 39: 768-776.

Closing of dentinal tubules by Gluma Desensitizer. Schupback P, Lutz F, Finger WJ. Eur J Oral Sci 1997, 105: 414-421. [SOURCE OF SEM MICROGRAPHS]

Improved efficacy of dentin-bonding agents. Hanson EK, Asmussen E. Eur J Oral Sci 1997, 105: 434-439.

A clinical comparison of the effectiveness and longevity of Gluma and two direct application oxalate systems in reducing root surface sensitivity. MA Cochran. IU, Dept Rest Dent.

Effect of dentin desensitizers and dentin bonding agents on dentin permeability. Jain P, Reinhardt JW, Krell KV. Am J Dent 2000, 13 (1):21-27.

Efficiency of Desensitizing Treatments of Hypersensitive Dentin with Gluma and Gluma 2000. Blunck U, Roulet JF. Internal report to Heraeus, data on file.

Effectiveness of Desensitizing Agents for Dentin Hypersensitivity after Periodontal Therapy. Tenorio SB, Santos RL, Gusmao ES. J Dent Res 2002, (Special Issue B, 48:54).

Effect of desensitizing agents on dentin permeability. Ishihata H, Kanehira M, Nagai T, Finger WJ, Schimauchi H, Komatsu M. Am J Dent 2009, Jun 22(3): 142-6.

Clinical Effectiveness—Hypersensitive Erosion/Lesions

Desensitizing effects of Gluma and Gluma 2000 on hypersensitive dentin. Giovanni, Dondi, Dall, 'Orologio G, Malferrari S. Am J Dentistry 1993, Vol 6 (no 6): 269.

Bonding to enamel and dentin: A brief history and state of the art. Swift E, Perdigao J, Heymann H. Quint Intl 1995, Vol 26 (No 2) 95-110 Special Report.

Clinical evaluation of Gluma for hypersensitive root dentin (abrasion/erosion lesions). D. Davidson and Suzuki. J Dent Res 1996, 75: 364 – abstract no. 2773.

Dentin Adhesive Materials for Restoration of Cervical Erosions. Two and Three Year Clinical Observations. Honsted-Bindslev, et. al.; Am J Dent 1998, 1:195-199, Special Issue.

Clinical Effectiveness of Two Agents on the Treatment of Tooth Cervical Hypersensitivity. Kakaboura A, Rahiotis CH, Thomaidis S, Doukoudakis S. Am J Dent 2005, 18: 291-295.

Clinical Effectiveness—Indirect Restorations

Evaluation of the desensitizing effect of Gluma Dentin Bond on teeth prepared for complete-coverage restorations. Felton DA, Bergenholtz G, Kanoy BE. Int'l J Prosth 1991, 4: 292-298.

Cement Thickness and Microleakage Under Dicor Crowns: An In Vivo Investigation. Ferrari; Int. J. Prosth 1991; 4: 126-131.

Bonding to enamel and dentin: A brief history and state of the art. Swift E, Perdigao J, Heymann H. Quint Intl 1995, Vol 26 (No 2) 95-110 Special Report.

Crown Retention with use of a 5% Glutaraldehyde Sealer on Prepared Dentin. Johnson GH, Lepe L, Bales DJ. J Prosth Dent 1998, (79): 671-6.

Effect on Bond Strength

Effect of Gluma desensitization on dentin bond strength. Reinhardt J, Stephens N, Fortin D. Am J Dent 1995, Vol 8 (No 4) 170-172.

Influence of Desensitizers on Bond Strength of 2 Adhesive Systems at Dentin. Bedran de Casgro AKB, Aramal CM, Shinohara MS, Ambrosano GMB, Pimenta LAF. J Dent Res 2002, 81: B-176.

Effect of four dentin desensitizer on the shear bond strength of three bonding systems. N Lehmann, M Degrange. Eur Cells & Mat 2005, Vol. 9, Suppl. 1, pages 52-53.

Available in 3 convenient delivery systems!

Gluma® Desensitizer



Gluma® Desensitizer	Order Number
Gluma® Desensitizer 5ml	65872354
Gluma® Desensitizer Clinic Pack 3 x 5ml	66018221
Gluma® Desensitizer Single Dose 40 x 0.075ml	66001854
Application Brushes 2 Pack; 50 Pkg	50025123
Brush Handle 1 Pack	50025125

Gluma® Desensitizer PowerGel	Order Number
Gluma® PowerGel Syringe Kit 4 x 1gm	66043451
Gluma® PowerGel Brush Cannulas 60	66044334

