

Post-operative Hypersensitivity: Clinical Diagnosis and Treatment Strategies

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Despite our daily efforts to meticulously prepare and restore teeth to achieve patient satisfaction, post-operative hypersensitivity continues to be a prevalent clinical challenge that frustrates both clinicians and patients. The common discrepancy between a seemingly flawless procedure and subsequent sensitivity indicates a need to re-evaluate our restorative protocols.

Rather than a simple mechanical failure of the restoration, post-operative hypersensitivity is fundamentally a biological response of the dentin-pulp complex to cumulative stress. This lecture will examine the underlying etiologies of this phenomenon and propose evidence-based adhesive strategies and restorative protocols designed for prevention. Additionally, for managing existing hypersensitivity, we will establish definitive diagnostic criteria to differentiate between reversible and irreversible pulpitis, thereby guiding the appropriate timing for therapeutic intervention.

Ultimately, this session seeks to resolve the clinical dilemma of post-operative hypersensitivity by offering clear, actionable guidelines for more predictable and successful restorative outcomes.

Learning Objective

- * Course-takers will learn how the two different adhesive systems impact post-operative sensitivity, and that meticulous restorative protocols are essential for its prevention.
- * Course-takers will learn how to accurately differentiate reversible post-operative hypersensitivity from irreversible pulpal damage to avoid unnecessary invasive treatments.
- * Course-takers will learn step-by-step clinical management strategies for existing post-operative hypersensitivity, ranging from conservative monitoring to appropriate restorative interventions.

Profile

- * D.D.S. (Doctor of Dental Surgery), Kyung Hee University College of Dentistry
- * Ph.D. in Conservative Dentistry, Kyung Hee University
- * Internship & Residency in Conservative Dentistry, Kyung Hee University Dental Hospital
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