

Internal Bleaching : A Case report

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I. Introduction

Discolored teeth, especially in the anterior region, can result in considerable cosmetic impairment. Besides invasive therapies, such as crowning or the placement of veneers, the whitening of teeth is an alternative therapeutic method. In contrast to crowning or veneering, whitening of teeth is relatively non-invasive and conservative treatment. Therefore, tooth discoloration is an aesthetic problem that may require treatment based on bleaching. Internal bleaching is an established, simple, conservative and cost-effective method of improving the color of discolored teeth that has received root canal treatment.

This presentation examines two cases of tooth discoloration improved by internal bleaching.

II. Case Presentation

- Case I

1. Sex/age: F/28
2. Chief Complaint (C.C.): Maxillary incisor (#11,21) Trauma→RCT→Discoloration
3. PDH: 2004.05~2004.10: RCT
4. Present Illness (P.I.): #11,21 : Shade : 4M2 (Vita 3D master)
5. Impression: Tooth discoloration
6. Tx. Plan: Internal Bleaching : Shade change : 4M2 → 1M1

- Case II

1. Sex/age: F/31
2. Chief Complaint (C.C.): Maxillary incisor (#11,21) RCT→Discoloration
3. PDH: #11,12 RCT & Amalgam core
4. Present Illness (P.I.): Shade : #11 : 5M3 , #12 : 5M1 (Vita 3D master),
5. Impression: Tooth discoloration
6. Tx. Plan: Re-RCT & Internal Bleaching & In-office Bleaching : Shade :#11:3R2.5 & #12 : 3L2.5

III. Conclusion

Internal discoloration of teeth represents the primary indication for internal bleaching of root-filled teeth. This presentation is a case report on the successful use of the internal bleach technique for correction of severely discolored teeth.