

Enamel Microabrasion Followed by Dental Bleaching for Patients after the Orthodontic Treatment

Jeong-So Yang*, Jeong-Bum Min, Ho Keel Hwang

Department of Conservative Dentistry, Chosun University, Kwangju, Korea

I. Introduction

Many patients demand orthodontic treatments to obtain a "perfect smile". After orthodontic treatment, it tends to be remained by white spot lesions and debris of residual resin, therefore, these cause esthetic problems. To solve these problems, enamel abrasion has been introduced for the effective and conservative treatment procedure. This method is proven to remove white spot lesions, localized superficial enamel stains, and surface defects. Using enamel microabrasion compounds, enamel surfaces become smooth and maintain a glasslike sheen. It also can be combined with tooth whitening to achieve an even more esthetic results. The purpose of this presentation is to show cases of enamel microabrasion followed by dental bleaching after orthodontic treatments.

II. Case Presentation

1. Sex/age : F/28
2. Chief Complaint (C.C) : want to correct the whitish defects of anterior teeth
3. Past Dental History : N-S
4. Present Illness : white spot lesion
5. Impression : enamel dysmineralization defects
6. Tx.plan : combination treatment of microabrasion & bleaching

III. Conclusion

This presentation is a case report on the safe and effective technique that optimizes tooth appearance at the conclusion of orthodontic therapy. Mechanical resin removal followed successively by enamel microabrasion and tooth bleaching can yield ideal long-lasting improvement.