

On the basis of biometric examinations it was noted a violation of premolar and molar index by the method of Pont, as well as increase in the index of Bolton.

Class III malocclusion in removable bite used functionally active orthodontic appliances, in the permanent dentition is used removable design, straight-wire or self-ligating appliances.

The cephalometric examination for the study identified an increase in the angles SNB, ANB and the decrease SNA.

Keywords: Angle Class III malocclusion, dental anomaly, pronounced nasolabial fold and smoothed chin tuck, straight-wire or self-ligating appliances, angles SNB, ANB.

TEETH WHITENING METHODS

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Introduction: Facial appearance is part of human communication channels. Communication based on the aesthetic interest our intimate relationships, the family one, the social, professional or unprofessional. Therefore we can not ignore the growing importance that dental aesthetic has. In last few years whitening methods takes a leading place in treatment of tooth discoloration. The aim of this research is to study and apply in practice some teeth whitening methods.

Material and methods: 35 patients in age from 18 to 37 were examined (33 women and 4 men with different tooth discolorations). In order to demonstrate the effectiveness of Opalescence whitening system, own clinical cases have been analyzed.

Results: In all 4 groups of patients, whitening system “Opalescence” has presented good results. All patients had a decrease of tooth discoloration which was observed form the next visit. In 2 cases, patients have a temporary hypersensitivity to cold and warm, which was removed by applying gels like Flor Opal or Ultraeze (Ultradent). Patients have been instructed how to take care of their teeth in order to maintain newly acquired color. From prophylactic considerations, we recommended fluoride toothpaste “Sensodyne” and whitening toothpaste “Opalescence”.

Results: Analysis of literature data shows that dentists now have multiple methods of treatment for tooth discoloration (veneers, bleaching), but these have to be applied according to the damage degree of dental tissues. Teeth whitening methods require patient monitoring and have to be performed in combination with remineralization therapy.

Key words: teeth whitening, opalescence, bleaching.

DENTAL ROOT ABNORMALITIES

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Introduction: The tooth is the result of a long process of cellular changes occurring in the ecto-mesodermic tissues of the stomodeum. Theoretically, but not practically, the tooth can be morphologically