

Anatomical and morphological variations of the maxillary lateral incisor

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Abstract

The general shape of the lateral incisors is similar to the maxillary central incisors except that they are shorter and narrower. Next to the third molars, maxillary lateral incisor are the teeth that show most variation in size, shape and form. Besides that, the upper lateral incisors are among the teeth that are most often congenitally missing with an incidence of $\pm 2\%$ of the population.

Goal: Our goal is to present the variations that appears in a representative sample of forty examinees and point out the need for cooperation between the dentist and the technician in solving this problem in order to satisfy the aesthetic moment, the phonation and normal function.

Materials and methods: Subject of research were forty students of dental medicine and dental technician, aged between nineteen and twenty-three years. First, we analyzed and photographed the lateral incisors in each of the examinees. Secondly, we compared and sorted the obtained photos. The materials we used in the research were medical gloves, dental mirror, camera and ruler to measure the size.

Results: According to the research the most common is normal anatomy-morphology of the lateral upper incisor, but there are also variations shown in the pictures and tables.

Conclusion: From this research we came to a conclusion that this issue is quite present in everyday practice so the collaboration between the dentist and the prosthetic technician should provide an appropriate solution in order to ensure the perfect smile for our patients.

Keywords

incisor, variations, research, photos, results.