

ABSTRACT

The effect of anterior teeth form on the laypeople's perception of smile esthetics in Ardabil dental faculty clinic in 1392

Introduction:

Smile is an important factor in esthetic preferences. A pleasant smile effects the way a person is treated by others in a society. Face is the most important factor of attractiveness. Mouth and teeth improve attractiveness of a person as a basis of facial esthetic. The aim of this study is to evaluate the effect of the shape of anterior teeth on the laypeople's perception of smile esthetics in Ardabil dental faculty clinic in 1392.

Materials and methods:

In this descriptive cross-sectional study, conducted 300 laypeople in dental faculty clinic in Ardabil, the effect of anterior teeth form on the laypeople's perception of smile esthetics is studied. After providing 6 images of smile variation, they were shown to the laypeople in dental faculty clinic, score scale ranging from 1-10. The resulted data were recorded in data questionnaire, and then were analyzed by SPSS software.

Results:

Participants were 50% male and 50% female. Based on results from this study the effect of anterior teeth form on esthetic smile indicated a difference between the different sex and age group of lay judge's rank preferences. But there was no difference between age and education in relevance to teeth form. The judge considered quite different scales for square, square-round and round incisors, so that the mean scale of square incisors was significantly less than two other incisors. Also, according to resulted, the most preferred image, regarding age, sex and education were image 4 (both mesial and central distal edges and round lateral and flat canines) and image 1 (based on roundness of both central and lateral and pointed canines).

Conclusion:

Age and education of laypeople don't affect their esthetic perception of the anterior teeth form. Incisor shape was the basic factor of their esthetic preference and the round incisors were the most attractive the canine shape not influenced on the laypeople's especially in men's view esthetic perception.

Key words:

Smile aesthetics, anterior teeth, esthetic smile perception, picture.