

## عنوان مقاله:

?Which has a Greater Influence on Smile Esthetics Perception: Teeth or Lips

## محل انتشار:

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## نویسنده:

## خلاصه مقاله:

**Introduction:** The aim of this study was to evaluate the role of teeth and lips in the perception of smile esthetics.  
**Materials and Methods:** Thirty women, ranging between ۲۰ and ۳۰ years of age, all with Class I canine and molar relationships and no history of orthodontic treatment, were chosen. Five black and white photographs were taken of each participant in a natural head position while smiling. The most natural photo, demonstrating a social smile, was selected. Two other photographs were also taken from a dental frontal view of each subject using a retractor, as well as a lip-together smile. Three groups of judges including ۲۰ orthodontists, ۲۰ restorative specialists, and ۲۰ laypersons were selected. The judges were then asked to confirm the esthetics of each picture on a visual analogue scale. An analysis of variance (ANOVA) and the Pearson correlation test were used for statistical analysis. **Results:** For the orthodontists group, correlation between the scores given to the full smile and each of its components was significant ( $\alpha=0.05$ ), with equal correlation of each component with the full smile. In contrast to laypersons, the correlation between the scores given to the full smile and each of its components among restorative specialists was significant.  
**Conclusion:** For orthodontists and restorative specialists, esthetic details and the components of the smile (teeth and perioral soft tissues) were important in esthetics perception. In contrast, laypersons perceived no effect of esthetics detail or smile components.

## کلمات کلیدی:

Orthodontics, Smile, esthetics

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