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**Title:** Relation between personality disorder and sensitivity to beauty; Study in cosmetic surgery applicants  
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**Abstract:** Background and goals: The previous studies have shown that lots of personality disorders influence the doing of the cosmetic surgery. But the most important personality disorder in these applicants is yet to be determined. The present study has been conducted with the goal of determining the Relation between personality disorder and sensitivity to beauty in cosmetic surgery applicants.  

Material and Methods: 46 applicants of cosmetic surgery were chosen among the ones who came to Sheykhorrays clinic. The data was collected from the demographical questionnaire, Millon Clinical Multiaxial Inventory II (MCMI-II) and the sensitivity to the beauty of visage and body questionnaire. The descriptive statistical methods (Mean, Standard Deviation- Frequency, and Percentage), Pearson's correlative coefficient and Stepwise Regression were used.  

Results: The average age of the participants was 25.93±4.97. 36(78.3%) of cosmetic surgery applicants were women and 10(21.7%) were men. Respectively, Antisocial, Avoiding, Bordering, Hysterical, Narcissistic, Paranoid and Schizotypal personality disorders had the positive correlation of 0.46, 0.47, 0.45, 0.57, 0.49, 0.35, 0.39 with the sensitivity to the beauty of visage and body of the cosmetic surgery applicants (P<0.05). According to the stepwise regression results of Regression analysis, histrionic personality disorder predicts 31.7% of the variance of sensitivity to the beauty of visage and body of the applicants (F=18.67, df=1, P<0.001).  

Conclusion: According to this preliminary study, histrionic personality disorder is the most important disorder in sensitivity to the beauty of visage and body in the applicants of cosmetic surgery. The results can be used in psychological treatment of the cosmetic surgery applicants.  
**Key words:** Personality Disorders, Cosmetic surgery, Sensitivity to Beauty  
**Presentation:** Poster