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**Title:** The relationship between self-regulation and sensation seeking in delinquent male adolescents of Mashhad city  
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**Abstract:**  
Introduction: Sensation seeking is a personality trait which refers to every tendency to seek for different, new, complex and intense emotions and experiences and tendency to physical and social danger seeking because of these experiences itself. One of the important factors that can affect on sensation seeking in individuals is self-regulation, which empower the person to regulate and control emotions, feelings, and impulses.  
Objective: In present study, the aim is to investigate the relationship between self-regulation and sensation seeking in delinquent male adolescents of Mashhad city.  
Method: The method of study was descriptive from the correlation kind. Statistical society of this study compose of all of delinquent male adolescents in correction and upbringing center of Mashhad city. Sample of present study, were 80 delinquent male adolescents who were selected by simple random sampling method. Tools which were used in this study, include self-regulation questionnaire (SRQ) and sensation seeking scale (A.S.S.I).  
Results: The results of simple regression analysis indicated that there is significant negative correlation between rate of self-regulation and sensation seeking of delinquent adolescents, namely with increase self-regulation scores, reduced their sensation seeking and vice versa.  
Conclusion: In according to findings of the study, self-regulation can significantly predicts sensation seeking. Since the rate of self-regulation is low and rate of sensation seeking is high in delinquent adolescents, so we can make effective decisions to increase the rate of self-regulation and decrease or balance sensation seeking trait to decrease delinquent behaviors.  
**Keywords:** delinquency, male adolescents, self-regulation, sensation seeking  
**Presentation:** Poster