Title: Comparative levels of self-concept, general health and willingness to communicate in adolescents with average and smart IQ

Authors: Bahman Esmaeili Anamagh, Dr. Abbas Bakhshipour Roudsari, Mojtaba Gholamzadeh, Vahab Mohammadpour

Abstract: Background: Intelligence is a general term describing a property of the mind including related abilities, such as the capacities for abstract thought, understanding, communication, reasoning, learning, learning from past experiences, planning, and problem solving. Throughout history, witted people have been introduced as peoples with physically weak, the socially inefficient, have limited interests and from emotional comments are unstable, however, a study by Terman and others were changed this subject that smart children had negative characters. The present study aimed to comparative of levels of self-concept, general health and willingness to communicate among adolescents with moderate and smart IQ.

Method: Using a purposive sample, 40 adolescents with (IQ>120) and 30 adolescents with moderate of IQ (90-110) of high schools of Marand were selected. For the measurement of the given variables, Beck's self-concept, Goldberg general health, the willingness to communicate inventories and adults Raven IQ test were applied. The results were analyzed using independent T test.

Results: finding showed that mental health with assuming equal variances and with value of T= -2.635 and self concept with assuming equal variances and with value of T= 2.335 and willingness to communicate with assuming unequal variances and with value of T = 4.960 have significant difference (P < 0.05) in smart and moderate IQ adolescents. Conclusion: Results of this study suggested that smart IQ adolescents tend to have superiority in most areas, smart IQ adolescents compared with moderate IQ adolescents have high willingness to communicate and self-concept and have further general health. In explaining the results we can say that intelligent adolescents compared with adolescents with moderate intellectual ability, the ability to adapt with the environment, problem solving, logical thinking abilities that can effect on self-conception, public health and willingness to communicate in adolescents.

Presentation: Poster