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**Title:** The relationship among personality traits and general health in University of Medical Science Students, Yazd, Iran, 2010

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**Abstract:** Introduction: Personality traits are a main factor in determining the behavior and general health of university students. The purpose of this study was to examine the relationship between personality traits and general health in Yazd university of medical science dormitory students.

Method: This cross-sectional study was conducted on 212 Yazd university of medical science dormitory students. Sampling method was quota sampling. Instruments of data collection were questionnaires Eysenck Personality Inventory (EPI) that is used to measure neuroticism and extraversion; and also general health questionnaire 28 (GHQ 28) that is standardized self report questionnaire used to screen for psychological distress and common mental disorders. Data were analyzed through using SPSS ver 16 and statistical tests of T-test, Chi-square, One Way Anova and Pearson correlation coefficients and linear regression.

Result: Mean age of sample was 22.19 ±2.85 years. Mean score of general health, neuroticism and extraversion were 22.19 ±2.85 (total score = 84), 11.33 ±5.22 (total score = 24) and 14.15 ±3.54 (total score = 24) respectively. A significant association were seen between general health and demographic variables that including age (p=0.03) and situation of social economical (p=0.04) and between extraversion and gender (p=0.03). A significant correlation was seen between general health and neuroticism (r = -0.59, p=0.000). But no correlation was seen between general health and extraversion. Regression analysis indicated that 0.29 of variance in general health was predicted by neuroticism.

Conclusion: According to results are suggested that an educational program based on models of health education held for students.

**Key words:** GHQ28, Eysenck Personality Inventory, medical science students

**Presentation:** Poster