An Investigation of Five Personality Domains in Patients with Multiple Sclerosis in Comparison with Healthy Individuals

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Abstract

This study examines five dimensions of personality (based on the Five Factor Model) in patients with MS and compares them with healthy people. The study causal-comparative, and population included all patients with MS, in the province of Esfahan. The sample for this research consisted of 50 female patients and 50 male patients in the sample, of the MS Society and the MS clinic were selected and used. Instruments included a NEO-FFI questionnaire and the questionnaire included demographic characteristics. To provide data analysis and descriptive statistics (central tendency indices) and inferential statistics (two-factor ANOVA (2 x 2), and Scheffe test) was used. The results showed there is a significant difference between healthy subjects and patients in dimension neuroticism. Extraversion and openness of the patients was lower than in healthy individuals. Satisfaction in patients with MS than healthy individuals, and dutiful subjects did not differ between the groups. Patients with MS are having a particular personality profile. MS personality profile can be disrupted interaction.

Keywords: five dimensions of personality, Multiple Sclerosis, five-factor model

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