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Comparison of borderline personality disorder traits among patient with epilepsy and control group

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Background: Epilepsy is one of the main diseases of the human nervous system that reduces the quality of life in patients. Moreover, the previous studies have shown that personality disorders can highly affect the quality of life.

Purpose: To compare the characteristics of borderline personality disorder in epileptic patients with the control group.

Methods: This study was performed on 82 patients (41 patients with epilepsy and 41 in control group). After recording demographic information and clinical points borderline personality disorder was also recorded based on the borderline personality scale (STB). Chi-square, Mann-Whitney and independent t-tests were used to compare the data.

Results: The findings of our study showed that borderline personality disorder characteristics were significantly higher in patients with epilepsy. In terms of investigating the subscales of STB, the results represented that the impulsivity and hopelessness factors were significantly higher in epileptic patients, while there was not statistical meaningful differences in the Stress related paranoid / dissociative symptoms among the case and control groups.

Conclusion: Borderline personality disorder is high in patients with epilepsy. As the personality disorders can significantly affect the quality of life, it seems that the investigation of the symptoms of personality disorders should be considered in the management of epileptic patients.

Biography

Dr. Seyed Mehran Homam has been a well-known neurology in east of Iran for 25 years. He is the assistant professor of neurology in Islamic Azad Medical University. Dr. Homam is the founder of Khorasan Razavi Epilepsy association. Furthermore, he has published several books about epilepsy and had a decisive role in the compilation of Epilepsy Chapter in Iran.