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DIFFERENCE OF PAIN INTENSITY IN TENSION TYPE HEADACHE PATIENTS FOCUSING ON THE PERSONALITY

Abstract

Tension-type headache (TTH) is the most common headache disorders. The association between headache and psychiatric disorders has received considerable attention. Reasons for examining personality in persons with headache disorders include determining if personality characteristics predispose one to develop headache disorders, if personality disturbance is a consequence of the headache disorder, or if an underlying (or comorbid) causal mechanism exists producing both conditions concurrently. The purpose of this study was to determine the difference in pain intensity focusing on personality type in patients with TTH. Cross-sectional analytic study using consecutive sampling method has been applied. Respondents were recruited from Neurologic outpatient clinic of Dr. Soetomo General Hospital, Surabaya, since September 2012-February 2013. Pain intensity was measured using Visual Analog Scale (VAS), while Minnesota Multiphasic Personality Inventory-2 (MMPI-2) was used to determine the personality traits of the participants. Data was displayed descriptively. SPSS 17 was used to analyze the data. Sixty patients were enrolled in this study, female has higher TTH prevalence than male (68.3% : 31.7%). The mean age was 36.35 ± 10.050 years. VAS mean score was 5.608 ± 1.8765. Chronic episode of TTH was the most common clinical feature (61.7%). From the linear regression analyses, hypochondriasis was statistically significant with VAS score (p<0.05) than depression and hysteria. VAS score have significancies with hypochondriasis personalities.

Keyword : Tension-type, headache, personality, pain, intensity,