

An Anthropo-Genetic Study of Primary (Idiopathic) Generalised Epilepsy with Special Reference to Finger-Ball Dermatoglyphics

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ABSTRACT The primary (idiopathic) generalized epilepsy shows unique finger-ball patterns. Among the male epileptic patients loop was predominant, whereas among the female epileptic patients whorl was predominant as compared to their respective control groups. However, in total epileptic patients (Male+Female) whorl was predominant as compared to the total normal control (Male+Female). Thirty-seven (37) pedigrees showed the disorder in single or couple of relatives other than the patients. Besides it, both χ^2 - tests and the *t*-tests exhibited heterogeneity between the epileptic patients and the normal control. This heterogeneity may be attributed to the possible cause of epilepsy.