



Seven paper

Functional and Cognitive

Disability in Children Patients with Idiopathic Epilepsy

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Abstract

Background: Children with epilepsy are at risk of cognitive impairment, school failure, social and family problems and overall compromised quality of life. This study was planned to evaluate functional and cognitive disability in children with epilepsy .

Subjects and Methods: The study included 40 epileptic child and 20 age and sex matched control subject. All of them were subjected to careful history taking, full general and neurological examination , electroencephalogram, assessment of functional disability according to Sheehan Disability scale and of cognitive function according Stanford Binet test.

Results: There was a significant impairment of functional scales and cognitive function in epileptic children compared to normal control group. School and social function were significantly affected in epileptic children, but family life was not significantly affected. Cognitive functions were adversely influenced by, early age at onset, generalized seizure, uncontrolled seizure, epileptiform changes in EEG, and antiepileptic polytherapy.

Key word: Epilepsy, children, cognitive function, social disability, school disability, family disability.

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