ABSTRACT

**Title:** Prevalence and factors associated with Attention Deficit Hyperactivity Disorder in Children and Adolescents with Epilepsy.

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**Degree and Subject:** MD- Psychiatry

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**Objectives:** To study the prevalence and clinical profile of ADHD in children and adolescents with Epilepsy and the socio-demographic and illnesses (Epilepsy and ADHD) -related factors associated with ADHD in the study population.

**Methods:** The participants were recruited from Paediatric Neurology Clinic, Department of Neurosciences, Christian Medical College, Vellore. The diagnosis of Epilepsy was made by Paediatric Neurologists based on clinical history and EEG findings according to the International League against Epilepsy criteria. Psychiatric diagnoses of ADHD made by Psychiatrists based on the tenth edition of the International Classification of Diseases research criteria for ADHD. Details of related variables were taken. The prevalence of ADHD among children and adolescents were calculated using descriptive statistics and expressed in percentages. The prevalence in various subgroups was also expressed in percentages. The predictive factors for ADHD among children and adolescents were calculated using univariate and multivariate regression analysis.

**Results:** The study has proved that the prevalence of ADHD in the children and adolescents with Epilepsy is different than the prevalence of ADHD in children and adolescents in general population. The risk factors associated with ADHD in Epileptics is also different from the risk factor associated with ADHD in general population as compared in the literature survey. The prevalence of ADHD in children with Epilepsy is about 12%, and thus much higher than in general population. The prevalence of ADHD was more among girls than among boys, which the reverse of that noted in the general population.

**Keywords:** Vanderbilt ADHD Diagnostic Parent Rating Scale, Hyperkinetic Disorder.