A Study to Assess the Prevalence of Attention Deficit Hyperactivity Disorder among Primary School Children at Selected Schools of Kancheepuram District in Tamilnadu.

E.Srignanasoundari, S.Vijayalakshmi, R.Vijayaragavan.

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Abstract

Background:
Attention Deficit Hyperactivity Disorder (ADHD) is a Neurobiological disorder characterised by Inattention, Hyperactivity, and Impulsivity. It is one of the rising public health problems in the world.

Aim:
To assess the prevalence of ADHD among primary school children.

Materials and methods:
Cross sectional descriptive research design was adopted. Study was conducted at selected primary schools of Kancheepuram district in Tamilnadu. Sample consisted of 865 children with the age group of 4-10 years from five different primary schools. Modified Conner’s teachers rating scale was used to identify the symptoms of Attention deficit hyperactivity disorder among primary school children. For data analysis Descriptive and inferential statistics was used.

Results:
Results showed that out of 865 children total number of males was 407, females was 458. ADHD symptoms were identified 37(69%) male children and 17(31%) female children were indentified. Prevalence of ADHD was more in boys than girls.

Conclusion:
Prevalence of ADHD estimates in school children ranging from 3-12% and worldwide prevalence of ADHD in children is estimated to approximately 5%. Study reported that 6.3% of primary school children with symptoms of ADHD were identified. If found out symptoms early, can reduce the Incidence of ADHD among children in future.