

## **Prevalence and Associated Factors of Attention Deficit Hyperactivity Disorder among Children Age 6 to 17 Years Old Living in Girja District, Oromia Regional State, Rural Ethiopia: Community Based Cross-Sectional Study**

**Authors :** Hirbaya Mokona, Abebaw Gebeyehu, Aemro Zerihun

**Abstract :** Introduction: Attention deficit hyperactivity disorder is serious public health problem affecting millions of children throughout the world. Method: A cross-sectional study conducted from May to June 2015 among children age 6 to 17 years living in rural area of Girja district. Multi-stage cluster sampling technique was used to select 1302 study participants. Disruptive Behavior Disorder rating scale was used to collect the data. Data were coded, entered and cleaned by Epi-Data version 3.1 and analyzed by SPSS version 20. Logistic regression analysis was used and Variables that have P-values less than 0.05 on multivariable logistic regression was considered as statistically significant. Results: Prevalence of Attention deficit hyperactivity disorder (ADHD) among children age 6 to 17 years was 7.3%. Being male [AOR=1.81, 95%CI: (1.13, 2.91)]; living with single parent [AOR=5.0, 95%CI: (2.35, 10.65)]; child birth order/rank [AOR=2.35, 95%CI: (1.30, 4.25)]; low family socio-economic status [AOR= 2.43, 95%CI: (1.29, 4.59)]; maternal alcohol/khat use during pregnancy [AOR=3.14, 95%CI: (1.37, 7.37)] and complication at delivery [AOR=3.56, 95%CI: (1.19, 10.64)] were more likely to develop Attention deficit hyperactivity disorder. Conclusion: In this study, the prevalence of Attention deficit hyperactivity disorder was similar with worldwide prevalence. Prevention and early management of its modifiable risk factors should be carryout alongside increasing community awareness.

**Keywords :** attention deficit hyperactivity disorder, ADHD, associated factors, children, prevalence

**Conference Title :** ICPMD 2018 : International Conference on Psychiatry and Mental Disorders

**Conference Location :** Cape Town, South Africa

**Conference Dates :** November 15-16, 2018