

## P-32 - THE ASSOCIATION BETWEEN INTERNET ADDICTION, DEPRESSION AND ADHD AMONG HIGH SCHOOL STUDENTS

A.Gundogar, B.Bakim, O.A.Ozer, O.Karamustafalioglu

Psychiatry, Sisli Etfal Research and Teaching Hospital, Istanbul, Turkey

**Introduction:** Maybe the most important invention of our age internet has become a part of our lives however excessive use of it has led to a new type of addiction. Internet addiction (IA) has psychological, sociological and physical negative effects especially on the adolescents.

**Objectives:** This study aims to investigate IA among high school students and to examine the correlation between excessive internet use, depression, attention-deficit hyperactivity disorder (ADHD).

**Methods:** 304 students were included in the study. Internet Addiction Scale (IAS), Beck Depression Inventory (BDI) and Adult ADD/ADHD Diagnosis and Evaluation Inventory was used to evaluate the subjects.

**Results:** 11% of the subjects in our study had IA. Prevalence of IA was significantly higher among male subjects. Males were using the internet to “surf” and game play while females were “chatting”. Total BDI scores of IA group were significantly higher than the rest of the subjects. Attention deficit, impulsivity, activity, and ADD/ADHD related features subscale scores of IA group were also significantly higher than the rest of the subjects. IAS scores of the subjects of those who use the internet for homework significantly lower than IAS scores of the subjects who do not. IAS scores of the subjects who used the internet for < 10 hours/week were significantly lower than the subjects who spent more time online.

**Conclusions:** IA is fairly common among high school students according to study. Depression and ADHD is associated with IA according to our study. These mutually aggravating disorders should be evaluated and treated carefully.