

THE RELATIONSHIP BETWEEN ATTENTION DEFICIT HYPERACTIVITY DISORDER SYMPTOMS, TIME PERSPECTIVE PERCEPTION, AND SUICIDE IN UNIVERSITY STUDENTS

Güssüm Bakırcı¹, Rukiye Ay Diker²

¹*Department of Psychiatry, Bursa city hospital, Bursa, Türkiye*

²*Department of Psychiatry, Bursa Higher Specialization Training and Research Hospital, Bursa, Türkiye*

BACKGROUND AND AIM: ADHD is a neurodevelopmental disorder characterized by various symptoms such as hyperactivity, inattention, and impulsivity. In this study, it was aimed to examine the potential relationship between ADHD symptoms and time perspective perception and suicide in university students.

METHODS: 79 university students who were accessed through the snowballing method on online platforms were included in the study. Sociodemographic data form, Adult Attention Deficit and Hyperactivity Disorder Self-Report Scale (ASRS), Zimbardo Time Perspective Scale (ZTPS), Suicide Probability Scale (SPS), and Depression Anxiety Stress Scale-21 (DASS-21) were applied. Approval was obtained from the ethics committee (2024-TBEK 2024/07-03) of our hospital.

RESULTS: The mean age of the participants was 22.97 years (SD=5.33). In the correlation analysis, a significant positive correlation was found between the SPS total and all scales. In the hierarchical regression analysis, Model 1 showed that the

ASRS significantly predicted SPS scores ($\beta = 0.582$, $p < 0.001$). In Model 2, with the addition of the DASS-21 sub-dimensions, anxiety ($\beta = 0.525$, $p = 0.001$) and depression ($\beta = 0.370$, $p = 0.002$) significantly predicted SPS scores. In Model 3, with the addition of the TPS sub-dimensions, anxiety ($\beta = 0.396$, $p = 0.010$), past negative time perspective ($\beta = 0.364$, $p = 0.004$), and future time perspective ($\beta = -0.255$, $p = 0.016$) were found to be variables that significantly predicted SPS scores.

CONCLUSIONS: Present hedonistic and past negative time perceptions were found to be associated with ADHD symptoms. Individuals with suicidal ideation and suicide attempts were found to have high scores in past negative time and present fatalistic time perception. Psychotherapeutic interventions for time perspective perceptions are thought to be effective in preventing suicide in ADHD.

Keywords: Suicide, time perspective, adult attention deficit and hyperactivity disorder