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Please find the overview of your abstract below:

Topic	Mood Disorders
Abstract Title	Theory of mind ability and its relationship to executive functions in adolescents with bipolar disorder
Profession	Child Psychiatrist
Young and Student Symposium	No
Conflict of Interest	I have no potential conflict of interest to disclose
Keywords	Bipolar Disorder Cognition Neuropsychology
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Abstract Text	Objectives Adolescents with bipolar disorder have some impairments in their social relationship. It is proposed that theory of mind (TOM) deficit can be related to this disturbance. Moreover, it has been found that these people have impairment in executive functions. The main aim of this study was to compare youth with bipolar disorder to typically developing adolescents in terms of theory of mind and to evaluate the effect of working memory and sustained attention on this ability. Methods Thirty adolescents diagnosed with bipolar disorder according to DSM-IV-TR in euthymic phase were compared with 30 healthy individuals. They were evaluated using

the Young Mania Rating Scale (YMRS), Spatial Span (SSP), Spatial Working Memory (SWM), and Rapid Visual Processing (RVP) tests. To assess the TOM ability the Strange Stories Test was used for both groups. The ANCOVA was used as the main analysis method.

Results

There was no significant difference between the two groups in terms of gender, age, and IQ. Adolescents with bipolar disorder were significantly different from their healthy counterparts in terms of some TOM variables including the mental state, animal, and nature stories (P<0.01). After controlling the SSP, SWM, and RVP variables there was no significant difference between the two groups in these variables.

Conclusions

Adolescents with bipolar disorder in euthymic phase have impairment in theory of mind ability. However, it seems that deficits in working memory and sustained attention can be the main factors affecting the deficit in theory of mind in these adolescents.

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Kind regards,

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