

## **Psychometric Characteristics of MSQ-A in Iranian adolescents**

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**Introduction:** This report describes the psychometric properties of the Iranian version of the Mood Disorder Questionnaire in an adolescent psychiatric population.

**Method:** A total of 13 to 18 years old 150 consecutive patients attending two outpatient and inpatient psychiatric clinics of Aliasghar and Imam Hossein hospital completed the Iranian version of the MDQ-A, YMRS, **BSDS**. A research psychiatrist, blind to the Mood Disorder Questionnaire results, interviewed patients by means of the mood module of the DICA ('gold standard').

**Results:** The internal consistency of the Iranian Mood Disorder Questionnaire, evaluated with Cronbach's alpha coefficient was 0.84 (95% CI; 0.69-0.92). Reliability coefficient of this test was 0.96 that shows a good consistency. An Iranian Mood Disorder Questionnaire screening score of 7 or more items yielded sensitivity of 0.75, specificity of 0.72, a positive predictive value of 0.53 and a negative predictive value of 0.85.

**Conclusion:** The present data demonstrate that the Iranian Mood Disorder Questionnaire is a valid instrument for the screening of bipolar disorders in adolescents. It is consistent with other instruments which have similar structures.

**Key words:** Mood disorder questionnaire, bipolar disorder, adolescents