

Development of the Attention-Deficit Hyperactivity Disorder-After School Checklist

Hanik K. Yoo, Hannah Huh, Sukhyun Lee, Kwangmo Jung, Bongseog Kim

J Korean Acad Child Adolesc Psychiatry 2018;29(2):47-53

Abstract

Objectives:

This study aimed to develop the attention-deficit hyperactivity disorder (ADHD)-After School Checklist (ASK) to evaluate the severity of ADHD symptoms and self-management ability in children and adolescents in South Korea. Additionally, we evaluated the reliability and validity of the scale.

Methods:

We developed the ASK to evaluate the effect of ADHD psychopathologies on self-management and interpersonal impulsivity. We investigated the reliability and validity of the scale with 1349 parents (male 56.9%; 1202 parents of non-ADHD children, 147 parents of children with ADHD) in Seoul and Gyeonggi Province, Korea.

Results:

According to the construct validity test using principal component analysis with the varimax rotation method, two factors explained 60.7% of the cumulative variance in ASK scores. Cronbach's alpha for the whole scale was 0.71. There was no statistical difference between mean ASK scores at test and retest. Mean total ASK scores of the ADHD group were significantly higher than those of the non-ADHD group ($p < 0.001$).

Conclusion:

The ASK can be used as a reliable and valid tool to evaluate not only self-management capability of children and adolescents with ADHD in their academic and everyday life, but also their impulsiveness in interpersonal relationships.