

# Comparison of Children With and Without ADHD on a New Pictorial Self-Assessment of Executive Functions

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Abstract

## OBJECTIVE.

We examined the Pictorial Interview of Children's Metacognition and Executive Functions' (PIC-ME's) reliability and validity, targeting children's appraisal of their executive function (EF) in daily life.

## METHOD.

One hundred children with attention deficit hyperactivity disorder (ADHD) and 44 typically developing children (ages 5–10 yr) completed the PIC-ME. Parents completed the PIC-ME and Behavior Rating Inventory of Executive Function (BRIEF).

## RESULTS.

Cronbach's  $\alpha$  for the child PIC-ME was .914. A high correlation was found between the parent PIC-ME total and the BRIEF ( $r = .724$ ). Comparisons between groups revealed significant differences on the parent PIC-ME ( $p < .0001$ ) but none on the child PIC-ME. Children with ADHD identified a median of eight EF challenges they wanted to set as treatment goals.

## CONCLUSION.

Results support the PIC-ME's initial reliability and validity among children with ADHD. Children were able to identify several EF challenges and engage in goal setting.