Validation of the Expression and Emotion Scale for Children with attention deficit hyperactivity disorder into Brazilian Portuguese.

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Abstract

OBJECTIVE:
To validate the parent-rated Expression and Emotion Scale for Children (EESC) for patients with attention-deficit/hyperactivity disorder (ADHD).

METHODS:
The EESC was applied to parents of children with and without ADHD. The children were divided into age groups: Group A, between six and eight years old; Group B, between nine and 11 years old; and Group C, between 12 and 15 years old. The validation was carried out according to the steps proposed by Guillemin et al. For the statistical calculation, Cronbach's $\alpha$, Pearson's correlation, the ICC and ROC curve were used.

RESULTS:
The statistical tests showed satisfactory coefficients: Cronbach's $\alpha = 0.76$; Pearson's correlation $r = 0.91$ with CI 95%; replicability ICC = 0.66; sensitivity 0.75; specificity 0.67; accuracy 71%.

CONCLUSION:
According to psychometric data on internal and external consistency (reliability, reproducibility), sensitivity, and specificity, the parent-rated EESC for ADHD is useful in assessing emotional expression.