

**TRANSLATION AND VALIDATION OF VANDERBILT  
ADHD DIAGNOSTIC PARENT RATING SCALE (VADPRS )IN  
TAMIL LANGUAGE AND DETERMINATION OF  
PSYCHOMETRIC PROPERTIES**

**ABSTRACT**

**BACKGROUND:** ADHD is a commonly encountered neuro behavioural disorder in child psychiatry assessed using the VADPRS. Since majority population attending tertiary care units are only Tamil speaking rural population, there is a felt need for a validated and standardised Tamil version.

**AIM:** To translate and validate VADPRS into Tamil language and determine its psychometric properties.

**METHOD:** The methodology involves i) translation process using a multistep approach with forward and backward translations as per standard guidelines ii) adaptation of the translated Tamil version in a target sample to estimate psychometric properties.

**RESULTS:** The Likert scale expert reviews of the translation for individual scale items were ‘moderately’ to ‘extremely’ comparable and similar to the original English version. There were significant positive Pearson correlations with ‘r’ values up to 0.9; good convergent validity with DSM-4 criteria and

KSADS-ADHD supplement scores; high internal consistency with Cronbach's alpha more than 0.9 and also with Split half analysis.

**CONCLUSION:** Tamil version of the VADPRS was highly comparable and similar with the original English version and has significant psychometric properties. Hence it is a well validated tool for screening, diagnosis, assessment of severity and follow up of children with ADHD in the Tamil population.

**Keywords : ADHD, VADPRS, Translation & Validation, Comparability and Similarity and Psychometric Properties.**