

THE EXAMINATION OF PSYCHOMETRIC PROPERTIES OF KIDSCREEN-SHORT VERSION ON CHILDREN WITH AUTISM IN TURKEY^{1,2}

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ABSTRACT

Determining health related quality of life is crucial issue to conduct holistic implications toward children with autism. Unless any studies that do not examine health related quality of life features of these children could not be achieve about planning and practices. The aim of the study is to the examination of psychometric properties of KIDSCREEN Health-Related Quality of Life Questionnaire Short Version (or KIDSCREEN-27) on children with autism in Turkey. This descriptive quantitative research was conducted with 349 participants. After we provided linguistic equivalence, we collected data in the base of parent proxy report instead of their children with autism. The KIDSCREEN-Short Version that aims to put forward children's health related quality of life consist of originally 27 question and five sub domain which are physical activities and health (5 items), general mood and your child's feeling (7items), family and your child's free time (7 items), friends (4 items), school and learning (4 items). After calculation of the item total correlation, we eliminated 3 items that have fewer than $r_{jx} = .20$ factors load and 24 items remained. Cronbach's alpha internal consistency reliability ($\alpha = .88$) and split-half reliability are high (Spearman Brown $\rho = .88^{**}$), item total correlations are acceptable except three items and the differences between %27 upper-lower groups were significant. According to construct validity analysis, the scale has an acceptable goodness of fit ($\chi^2/df = 3.1$, RMSEA = .08, NFI = .90, CFI = .93). Analysis results show us that KIDSCREEN-Short Version can be used as a valid and reliable assessment tool to determine the health related quality of life for children with autism in Turkey.

Key Words: Confirmatory factor analysis, health related quality of life, KIDSCREEN-Short Version, reliability, validity.

¹ The scale was applied to Turkish sample with permission of the KIDSCREEN Group (Project Coordination Prof. Dr. Ulrike Ravens-Sieberer MPH, University Clinic Hamburg Eppendorf, Center for Obstetrics and Pediatrics, Department of Psychosomatics in Children and Adolescents, Building W29 (Erikahaus), Martinstr. 52, 20246 Hamburg, Germany).

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