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学位論文題名	Development of a Resilience in Daily Activities Scale (RDAS) of Mothers of Children with Autistic Spectrum Disorder (自閉症スペクトラム障害児をもつ母親の日常生活におけるレジリエンス尺度 (RDAS) の開発)
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【論文の内容の要旨】

Abstract

Indonesian mothers of children with Autistic Spectrum Disorder (ASD) often need support to enhance their resilience, but no scale is available to assess mothers' resilience in daily activities. Therefore, the aim of this study was to develop a new scale to measure resilience in daily occupation of mothers of children with ASD.

Methods: Aspects of resilience in daily activities were generated from literature and developed into 37 questions following a dual-panel methodology. The draft scale was sent to 200 mothers of children with ASD, of which 148 were returned (valid response rate: 74%). Exploratory factor analysis was done using promax rotation. The final number of factors was determined based on selecting the one with best psychometric properties among the different numbers of factors extracted. Reliability was investigated using classical test theory. A further 30 draft scales were filled out by another 30 mothers twice, 10-15 days apart. Test-retest reliability was evaluated by Spearman's r.

Results: The analysis resulted in the Resilience in Daily Activities Scale (RDAS) consisting of 27 questions, divided into 5 factors. We obtained 0.90 Cronbach's α for the scale, and

for the values for each subscale were, *achieving life balance* 0.88, *thinking about child's future* 0.86, *families' supports* 0.82, managing daily activities 0.73, *understanding children's condition* 0.64. Test-retest reliability was 0.68.

Conclusion: RDAS showed appropriate psychometric properties indicating its usability to evaluate resilience in daily activities in Indonesian mothers of children with ASD. In consideration of the sample characteristics, further study is needed, particularly to include mothers from rural regions. Implications for use of RDAS clinically and in research are that it is possible to use the RDAS as a measure for initial assessment and as a measure of change. However, caution was advised to interpret any changes, because of the test-retest reliability not reaching very high level.

Keywords: autistic spectrum disorder (ASD), occupation, resilience, scale development, mother.