

RELIABILITY AND VALIDITY STUDY OF TURKISH VERSION OF CHILDREN'S EMOTIONAL MANIFESTATION SCALE IN TURKEY

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Statement of the Problem: The study aims to determine the validity and reliability of the Turkish version of Children's Emotional Manifestation Scale developed to measure children's emotional responses during stressful medical processes.

Methodology & Theoretical Orientation: The sample of this methodological type study consisted of 62 children aged between 7-12 years who admitted to the hospital for day surgery. In the validity study, language and content validity were tested first. Inter-rater reliability of the scale was tested by internal consistency method. The evaluation was conducted through intragroup correlation coefficients and the Cronbach alfa reliability coefficient. Kappa coefficient and intraclass correlation coefficients of the scale were calculated to determine inter-rater consistency. Besides, intra-class correlation coefficient was calculated to determine intra-rater reliability. Structure Validation; correlations between scores of Children's Emotional Manifestation Scale and scores of arterial blood pressure, heart rate, respiration and State Anxiety Inventory for Children were calculated using Sperman Correlation Coefficient.

Findings: The content validity index of the scale is 0.96. The scale is statistically significant. Internal consistency was found to be between 0.93 and 0.95 by Cronbach's alpha reliability coefficient. The results show that interrater reliability is sufficient. According to kappa analysis, there is consistency between the raters. There is a moderately significant positive relationship between Children's Emotional Manifestation Scale and State Anxiety Inventory for Children ($r=0.26$, $p=0.05$). Also, a moderately significant positive relationship was found between Children's Emotional Manifestation Scale and pulse ($r=0.41$, $p=0.01$).

Conclusion & Significance: Turkish version of Children's Emotional Manifestation Scale is valid and reliable to measure the emotional response of children before stressful medical procedures or during preoperative period. Children's Emotional Manifestation Scale, with Turkish version, is intended to be a simple and objective tool to evaluate the efficiency of the intervention studies aimed at decreasing negative emotional behaviours and anxiety.

Biography

Selver Mete has graduated from Vocational School of Health in 2012. She has completed her undergraduate studies in 2016. She worked as a Nurse at Pediatric Hematology Unit at Pamukkale University Hospital between May' 2013 and Jan' 2014. She has been working as a Nurse at the Pediatric Surgery Unit at Servergazi State Hospital since 2014. Currently she is going on her studies to get a Master's degree at Pediatric Nursing Program of Nursing Department at Health Sciences Institute of Pamukkale University.

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