

Cross-Cultural Adaptation and Validation of the Child Engagement in Daily Life in Greek

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Abstract : Background: Participation in family, recreational activities and self-care is an integral part of health. It is also the main outcome of rehabilitation services for children and adolescents with motor disabilities. There are currently no tools in Greek to assess participation in young children. Purpose: To culturally adapt and validate the Greek version of the Child Engagement in Daily Living (CEDL). Method: The CEDL was cross-culturally translated into Greek using forward-backward translation, review by the expert committee, pretest application and final review. Internal consistency was evaluated using the Cronbach alpha and test-retest reliability using the intra-class correlation coefficient (ICC). Parents of children aged 18 months to 5 years and with motor disabilities were recruited. Participants completed the CEDL and the children's gross motor function was classified using the Gross Motor Function Classification System (GMFCS). Results: Eighty-three children were included, GMFCS I-V. Mean \pm standard deviation of the CEDL domains "frequency of participation" "enjoyment of participation" and "self-care" were 58.4 ± 14.0 , 3.8 ± 1.0 and 49.9 ± 24 , respectively. Internal consistency of all domains was high; Cronbach alpha for "frequency of participation" was 0.83, for "enjoyment of participation" was 0.76 and for "self-care" was 0.92. Test-retest reliability (ICC) was excellent for the "self-care" (0.95) and good for "frequency of participation" and "enjoyment of participation" domains (0.90 and 0.88, respectively). Conclusion: The Greek CEDL has good reliability. It can be used to evaluate participation in Greek young children with motor disabilities GMFCS levels I-V.

Keywords : participation, child, disabilities, child engagement in daily living

Conference Title : ICPN 2021 : International Conference on Pediatric Neurology

Conference Location : Athens, Greece

Conference Dates : October 21-22, 2021