



**AHMED AMER** is a registered occupational therapist with a bachelor's degree (2007) from Jordan University of Science and Technology and a master's degree (2012) from Örebro University. He was registered as a PhD student in the School of Health Sciences at Örebro University in 2013 and his research interest is the validation of measurement tools for use in children with disability.

A valid measurement tool is a prerequisite for reliable evaluation of performance of daily tasks in children with disability. Such tools will help to plan and follow up rehabilitation interventions. However, using these measurement tools in a different cultural context requires cultural adaptation of the tool and an investigation of the evidence for culturally relevant content and satisfactory psychometric properties. This thesis investigates evidence of validity for two measurement tools to be used in new cultural contexts. The first is the Children's Hand-use Experience Questionnaire (CHEQ), to be used in Jordan for evaluating the performance of daily activities that usually require both hands. The second is the Uganda version of the Pediatric Evaluation of Disability Inventory (PEDI-UG), to be used for evaluating the performance of daily activities in three important domains: self-care, mobility and social function. By accumulating evidence for validity, this thesis provides an evidence-based, valid Arabic version of CHEQ 2.0 for children with unilateral hand disability in Jordan and an evidence-based, valid PEDI-UG for children with CP in Uganda.

ISSN 1652-4063  
ISBN 978-91-7529-385-1

AHMED AMER Cross-cultural adaptation and psychometric properties of two questionnaires ...

2021

Doctoral Dissertation

## **Cross-cultural adaptation and psychometric properties of two questionnaires for the assessment of occupational performance in children with disability**

### **Children's Hand-use Experience Questionnaire (CHEQ) and Pediatric Evaluation of Disability Inventory (PEDI)**

AHMED AMER

*Medical Science with a specialisation in Healthcare Sciences*



AHMED AMER Cross-cultural adaptation and psychometric properties of two questionnaires ...