Abstract

OBJECTIVE

This study describes the development and preliminary psychometric properties of an assessment to quantify the magnitude of an environmental barrier’s influence on occupational performance.

METHOD

The assessment was developed then piloted on a group of 77 older adults before and after an occupational therapy intervention focused on environmental barrier removal. Refinements were made to the assessment before it was evaluated for interrater reliability in a sample of 10 older adults using two raters.

RESULTS

The In-Home Occupational Performance Evaluation (I-HOPE) is a performance based measure that evaluates 44 activities in the home. The four subscales of activity participation, client’s rating of performance, client’s satisfaction with performance, and severity of environmental barriers are sensitive to change in the environment. The internal consistency of the subscales ranged from .77-.85 and ICCs ranged from .99 to 1.0.

CONCLUSION

This preliminary study suggests that the I-HOPE is a psychometrically sound instrument which can be used to examine person-environment fit in the home.

Keywords: Outcome Assessment, Aging, Environment, Housing

Contact:

Susy Stark

starks@wusm.wustl.edu

314 932-1011