FRENCH VERSION OF PHYSICAL ACTIVITY SCALE FOR THE ELDERLY (PASE) - TRANSLATION, CULTURAL ADAPTATION AND VALIDATION





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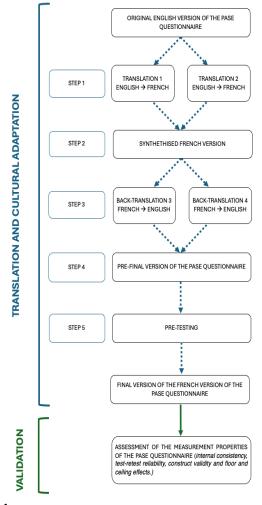


Figure 1

HIGHLIGHTS

- The PASE is a physical activity questionnaire adapted for older people
- The French version of PASE appears to be a reliable and relatively valid tool for assessing household and work-related activities
- PASE should be used with caution, especially when assessing leisure time activities, ensuring that the meteorological conditions are consistent between the reliability tests

OBJECTIVE

To translate the Physical Activity Scale for the Elderly (PASE) questionnaire into French, adapt it to the French European culture and validate it

MATERIAL AND METHODS

- The PASE was translated and culturally adapted using a 5-step validated process (Figure 1)
- The investigation of the measurement properties included: (1) the internal consistency, (2) test-retest reliability, (3) construct validity and (4) floor and ceiling effects

RESULTS

(1) TRANSLATION AND CULTURAL ADAPTATION

- The translation faced no major problems, with moderate cultural adjustments
- Unfamiliar activities such as American football, shuffleboard or aerobic dancing were adjusted
- Common sports like yoga, aqua cycling and electric cycling were added

(2) VALIDATION STUDY

- 89 older participants (median age of 73 (69.5 77) years, 58% of women) were involved
- Interrnal consistency: moderate score (Cronbach's alpha= 0.571)
- Test-retest reliability: very good for household activities (ICC= 0.712 (95% CI= 0.496 - 0.845)) and work-related activities (ICC= 0.955 (95% CI= 0.908 - 0.978)) but was lower in the leisure section (ICC=0.163 (95% CI= - 0.183 - 0.473)), leading to a moderate overall score (ICC= 0.455 (95% CI= 0.125 - 0.608))
- Construct validity: almost confirmed (66.67% of the ideal 75% hypothesis was validated)
- No floor or ceiling effects were detected

DISCUSSION

Moderate ICC overall score – hypothesis: weather conditions that were not similar between the two test-intervals [1], which affects leisure activities (most of which take place outdoors) [2]

REFERENCES

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