

TEST-RETEST RELIABILITY AND VALIDITY OF THE THAI VERSION OF OVERACTIVE BLADDER SYMPTOM SCORE (OABSS)

OBJECTIVE: To study the Reliability and validity of the Thai version of Overactive Bladder Symptom Score (OABSS) .

Study design, materials and methods

METHODS: After ethical approval by the university, 52 Thai women aged 30-80 years with clinical diagnosis of Overactive bladder (OAB) were recruited in the study . OAB were diagnosed by using the definition of the 2002 International Continence Society (ICS) . Thai version of Overactive Bladder Symptom Score (OABSS) was assessed at the first visit. With an interval of 14 days, They filled out Thai OABSS question again for the retest session. The Thai version OABSS was developed from translation of the original OABSS (1) by a linguist from language institute of an university in Thailand . Then it was translated back to English for the linguistic validation by two doctors and the other linguist at the same institute. Internal consistency was assessed using Cronbach's alpha, test-retest reliability using intraclass correlation coefficient (ICC)

Results

The mean \pm SD age of cases was 60.96 \pm 10.54 years . Cronbach's alpha coefficient was 0.88 . The ICC was 0.79.

Interpretation of results

From our result, Thai version OABSS had the good correlation and excellent reliability .

Conclusion

The Thai version of OABSS is a reliable and valid measure to evaluate the Thai women with overactive bladder disease.

References

1. Homma Y, Yoshida M, Seki N, Yokoyama O, Kakizaki H, Gotoh M, Yamanishi T, Yamaguchi O, Takeda M, Nishizawa O. Symptom assessment tool for overactive bladder syndrome--overactive bladder symptom score. *Urology*. 2006 Aug;68(2):318-23.

Specify source of funding or grant	Medical company , astellus
Is this a clinical trial?	Yes
Is this study registered in a public clinical trials registry?	No
Is this a Randomised Controlled Trial (RCT)?	No
What were the subjects in the study?	HUMAN
Was this study approved by an ethics committee?	Yes
Specify Name of Ethics Committee	Research ethic committee , faculty of Medicine, Chulalongkorn University , Thailand
Was the Declaration of Helsinki followed?	Yes
Was informed consent obtained from the patients?	Yes