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## VALIDATION OF THE TURKISH VERSION OF BRISTOL FEMALE LOWER URINARY TRACT SYMPTOMS QUESTIONNAIRE

### Hypothesis / aims of study

Lower urinary tract symptoms (LUTS) are commonly seen in women. The Bristol Female Lower Urinary Tract Symptoms (BFLUT) questionnaire have been developed to assess the wide range of these LUTS, including incontinence, and impact on sexual function and quality of life. The aim of the present study was to validate the Turkish translated version of BFLUT questionnaire.

### Study design, materials and methods

Translation and validation of the Turkish version BFLUT was explained. Translations by native Turkish and English speakers (including translation and back translation) were performed. After test-retest reliability and internal consistency were proved in a pilot study, 570 participants were enrolled and the scores of questionnaire were calculated. Symptomatic women underwent an urodynamic assessment.

### Results

Among 570 participants, a total of 553 (97.02%) patients with a mean  $\pm$  SD age of  $36.6 \pm 12.2$  years were responded the questionnaire. BFLUT showed a high internal consistency with a Cronbach's alpha coefficient of 0.90. In the analysis of test-retest reliability, Spearman's rho ranged from 0.891-1.0 for all the domains ( $P < 0.001$ ).

### Interpretation of results

The Turkish translated version of the BFLUT questionnaire was found to be valid, reliable and responsive measure for assessing symptom severity and impact on LUTS in Turkish speaking women.

### References

1. Female Urinary Incontinence

### Disclosures

**Funding:** Validation of the Turkish version of Bristol female lower urinary tract symptoms questionnaire **Clinical Trial:** Yes **Public Registry:** No **RCT:** No **Subjects:** HUMAN **Ethics Committee:** Canakkale Onsekiz Mart University Local Ethic committee, 2012/325 **Helsinki:** Yes **Informed Consent:** Yes