

## CORRELATION OF THE ICIQ/UI-SF TO URODYNAMIC DIAGNOSIS IN WOMEN WITH URINARY INCONTINENCE

### Hypothesis / aims of study

Assess the correlation between the "International Consultation on Incontinence Questionnaire – Urinary Incontinence Short Form" (ICIQ-UISF) and the urodynamic evaluation.

### Study design, materials and methods

Retrospective analysis was performed with 358 women with urinary incontinence in private practice. The patients were divided into 3 groups according to urodynamic result: Group 1-stress urinary incontinence (SUI); group 2-IUE associated with Detrusor Overactivity (DO); Group 3-DO. The ROC curve was applied in order to obtain a cut-off point in the score ICIQ-UISF, calculating the sensitivity and specificity of each score of ICIQ-UISF in different groups of patients. The p value was obtained by using Chi-square or Fisher's exact. The significance level was 5 and the software used for the analysis was SAS version 9.2. In order to find the correlation between the ICIQ-UISF and urodynamic parameters: Valsalva Leak Point Pressure (VLPP), Maximum Cystometric Capacity (MCC) and First Desire to Void (FDV), the Spearman correlation index was calculated.

### Results

The average age among the patients was 51.1 years, the predominant race was white and 86.5% of the patients had at least two pregnancies. The patients in Group 1 and 2 showed significant association with score  $\geq 14$  in ICIQ-UISF.

### Interpretation of results

There was no significant association between the score and the ICIQ-UISF and VLPP  $\leq 90$  cmH<sup>2</sup>O, as well as vesical volume with the first desire for urination. There was no association between the score of the questionnaire and the Maximum Cystometric Capacity.

### Concluding message

Women with IUE have higher ICIQ-UISF scores, as well as those with EPP  $\leq 90$  cmH<sup>2</sup>O. The ICIQ-UISF was not able to discriminate the type of urinary incontinence in the studied population.

### Disclosures

**Funding:** No funding, patients from the University Hospital. **Clinical Trial:** No **Subjects:** HUMAN **Ethics Committee:** Comitê de Ética em Pesquisa - Faculdade de Ciências Médicas - UNICAMP **Helsinki:** Yes **Informed Consent:** Yes