

## DOES THE DISTAL URETHRAL POLYPROPYLENE SLING (DUPS) AFFECT THE FEMALE SEXUAL FUNCTION ?

### Hypothesis / aims of study

The study aimed to evaluate the sexual function of patients who underwent the distal urethral polypropylene sling (DUPS) procedure (1) for the treatment of stress urinary incontinence with validated questionnaires.

### Study design, materials and methods

The study population consisted of 46 patients who participated in the poll among 112 patients who underwent the procedure of DUPS between Jul. 2005 and Nov. 2006. Evaluation of patients composed of questionnaires of Female Sexual Function Index (FSFI) and of presence of incontinence during sexual intercourse conducted six months before and after the surgery.

### Results

The mean age of the patients was 45.8 years and the mean parity 2.1. The mean duration of follow-up period was 6 months. No statistically significant difference was found between the preoperative and postoperative individual domain scores or in the total FSFI score in any of the patients. Among total number of 12 patients who complained of coital incontinence preoperatively, 11 patients unveiled to have no more complaint of coital incontinence and one patient showed the continuous symptom postoperatively.

### Interpretation of results

The FSFI is a validated self-reported instrument for assessing female sexual function. No defined values have accepted for what is considered normal sexual function and therefore we reported the changes in overall score. In our study, the postoperative domain score of desire, lubrication, orgasm, satisfaction increased compared with the preoperative score. But there were no statistical differences.

### Concluding message

The results of our study have indicated that DUPS placement does not affect overall sexual function.

### References

(1) Urology (2001) 58; 783-785

**FUNDING:** no

**CLINICAL TRIAL REGISTRATION:** This clinical trial has not yet been registered in a public clinical trials registry.

**HUMAN SUBJECTS:** This study was approved by the Kangbuk Samsung Hospital's Institutional Review Board and followed the Declaration of Helsinki Informed consent was obtained from the patients.