

## SEXUAL FUNCTION ASSESSMENT IN MIDDLE-AGED WOMEN WITH PELVIC FLOOR DISORDERS(PFDS) USING THE CHANGE OF SEXUAL FUNCTION QUESTIONNAIRE (CSFQ): A PILOT STUDY.

### Hypothesis / aims of study

To assess sexual function in middle-aged women with PFDs

### Study design, materials and methods

Cross-sectional study of 72 women aged 40-65 years, with PFDs, who completed a socio-demographic questionnaire and the CSFQ.

### Results

29 pre and 43 postmenopausal women (years since menopause 6.0 [16] yr) were studied due to the following findings: 30 (41.7%) stress urinary incontinence(SUI), 4 (5.6%) urge urinary incontinence(UUI), 22 (30.6%) mixed urinary incontinence(MUI) and 43 (60.6%) to some degree of prolapsed [cystocele 32(74.4%), uterine descend 6(14%) and rectocele 3(7%)]. Others complaints include vaginal dryness(23.1%), dyspareunia (22.2%) and genital bleeding during sex(3.1%) from a total of 56 women(88.9%) who were engaged in sexual relationships. Two partners had erectile dysfunction. A 77.8% of women presented total CSFQ-14 scores  $\leq 41$ , suggesting sexual dysfunction.

### Interpretation of results

Bivariate analysis or Spearman correlations of CSFQ scores (lower score worse sexual function) were significantly related with premenopausal status and SUI and inversely related with age ( $r: -0.523$ ), years since menopause ( $r: -0.275$ ) and parity ( $r: -0.148$ ). However, when a multiple linear regression analysis was performed to obtain best-fit model predicting total CSFQ-14 total scores (sexual function/dependent variable) including independent variables found to be significant during bivariate analysis, years since the menopause was the only significant factor to explain 21.4% of the variance (B coefficient:  $-0.816$ ;  $r^2: 0.214$ ).

### Concluding message

In women with PFDs sexual function worsens with years since the menopause. Further studies are needed with a larger sample of women

### Disclosures

**Funding:** Funding or grant no available **Clinical Trial:** No **Subjects:** HUMAN **Ethics Committee:** Comité de Etica Hospital Torrecárdenas.Almería(Spain) **Helsinki:** Yes **Informed Consent:** Yes