

## **P-1334 - MARITAL SEXUAL SATISFACTION IN WOMEN WITH POLYCYSTIC OVARY SYNDROME**

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**The aim** of the study was to evaluate the impact of polycystic ovary syndrome (PCOS) on marital sexual satisfaction among a sample of women.

**Methods:** Thirty two women diagnosed PCOS, were included in the study. The questionnaire contains a general part concerning socio-demographic conditions, medical history, health problems, PCOS symptoms Sexual satisfaction was evaluated by “the Female Sexual Function Index” (FSFI).

**Results:** The mean age of PCOS women was  $28.9 \pm 5.6$  years, Sixty per cent of PCOS women had miscarriages and half of of the sample was treated for infertility.

Eighty five percent of patients with PCOS had a morbid obesity ( $BMI > 30 \text{ kg/m}^2$ ). Ninety five per cent of PCOS women had an hirsutism Marital sexual dysfunctions were found in 50 % of the sample (global score of FSFI  $< 26$ ). Marital sexual disorders were significantly increased with presence of hirsutism ( $p < 0.01$ ). BMI had no impact on the sexual satisfaction. Both obese and non obese women with PCOS reported being significantly less satisfied with their sex life in the past month ( $p < 0.001$ ), finding themselves significantly less sexually attractive ( $p=0.03$ ), perceived their husbands as less satisfied with their sex life ( $p= 0.001$ ), and reporting that excessive body hair affected their sexuality ( $p= 0.003$ ). BMI also had no significant effect on the frequency of sexual intercourse or sexual thoughts and fantasies.

**Conclusion:** This study shows many sexual problems affecting patients with PCOS. A medical treatment which aimed to improving PCOS-related symptoms can reduce psychological distress and improve sexual self-worth.