

# **[EP14.09] Dyspareunia in women with symptoms suggestive of endometriosis**

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**Objectives: To describe the differences in clinical findings in women with symptoms suggestive of endometriosis having deep and/or superficial dyspareunia**

**Methods: Women with at least one symptom of dyspareunia**

**No previously known endometriosis**

**Referral because of clinically suspected endometriosis**

**Transvaginal ultrasound examination during 2019-2024**

**Ultrasound examination according to IDEA recommendations**

**Registration of additional endometriosis associated symptoms: dysmenorrhea, chronic pelvic pain, dysuria, dyschezia – VAS scale for evaluation of pain intensity**

## **Results**

According to inclusion criteria 561 women were eligible

- 70 women (12.5%) – reported just superficial dyspareunia
- 311 (55.4%) – just deep dyspareunia
- 180 (32.1%) – both – deep and superficial (combined) dyspareunia

Endometrioma was found in 23.5% of women; deep endometriosis in 21.6% and endometrioma combined with deep endometriosis in 11.9% of women with dyspareunia

## **Findings**

Severe dyspareunia less frequent in women with superficial dyspareunia (45.3%) than deep (55.5%) or combined (69.7%) ( $p<0.002$ )

Severe dyspareunia of less intensity in women with superficial dyspareunia (median 63 units) than deep (74) or combined (83) ( $p<0.001$ ) (54.4%)

Dysuria less frequent in women with superficial dyspareunia (35.7%) than deep (39.5%) or combined dyspareunia (54.4%) ( $p<0.002$ )

Dyspareunia less frequent in women with superficial dyspareunia (55.7%) than deep (67.8%) and combined (81.1%) ( $p<0.001$ )

Endometriomas less frequent in women with combined dyspareunia (17.2%) than deep (26.1%) or superficial dyspareunia (28.6%) ( $p<0.047$ )

Ultrasonographic findings of endometriosis were similar in women with any type of dyspareunia ( $p=0.478$ )

## **Conclusions**

**Women with superficial dyspareunia reported lower frequency and intensity levels for other endometriosis pain symptoms compared to women with deep or combined dyspareunia. No differences in ultrasound findings of deep endometriosis**