Peyronie’s Disease and the Female Sexual Partner Experience

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Peyronie’s Disease (PD)
• Characterized by pain, curvature, deformity, erectile dysfunction
• PD associated with physical impairment to sexual function
• PD has a psychological impact → emotional distress, low self-esteem, depression → relationship problems
• Limited data on the sexual experience of the female sexual partner (FSP)

Objective
• Compare the experience of men with PD to their FSP

Methods
• Review of all men and FSP presenting for initial PD evaluation (7/2018 – 2/2020)
• Prospectively collected questionnaires completed if engaged in vaginal intercourse with partner within 3 months
• Men:
  • Peyronie’s Disease Questionnaire (PDQ)
• FSP:
  • Female Sexual Function Index (FSFI) → Evaluates aspects of sexual function in women
  • PDQ – for Female Sexual Partners (PDQ – FSP) → Evaluates impact of male partner’s PD on FSP
### Results and Conclusions

**Baseline characteristics (n=44 couples)**

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<th>Male</th>
<th>FSP</th>
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<tbody>
<tr>
<td><strong>Age (median, range)</strong></td>
<td>56 yrs (38-70 yrs)</td>
<td>54 yrs (35-69 yrs)</td>
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<td><strong>Chronic Phase of PD</strong></td>
<td>80%</td>
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<td><strong>PD Duration (median, range)</strong></td>
<td>12 mo (2-180 mo)</td>
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<td><strong>Penile Shortening</strong></td>
<td>68%</td>
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<td><strong>Length Loss (median, range)</strong></td>
<td>2.5 cm (1-12 cm)</td>
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<td><strong>Subjective Erectile Dysfunction</strong></td>
<td>43%</td>
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<td><strong>Composite Curvature (median, range)</strong></td>
<td>75° (25-150°)</td>
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<td><strong>Hinge Effect/Instability</strong></td>
<td>59%</td>
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<td><strong>Female Sexual Dysfunction (FSFI &lt;26.6)</strong></td>
<td>28%</td>
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**Similarities between FSP and males**

- Difficulty with vaginal intercourse (74% vs. 82%, p=0.56)
- Decreased frequency of vaginal intercourse (71% vs. 85%, p=0.23)
- Bother by decreased frequency of vaginal intercourse (46% vs. 67%, p=0.174)

**FSP less bothered than males**

- Appearance of partner's erect penis (very/extremely) (20% vs. 59%, p<0.01)
- Bother by PD during vaginal intercourse (very/extremely) (32% vs. 65%, p=0.02)

**Conclusions**

- PD impacts sexual experience for men and FSP
- Similarly large proportion of men with PD and FSP noted decreased frequency of and difficulty with vaginal intercourse
- Yet, FSP were less bothered by the appearance of the erect penis and deformity during vaginal intercourse compared to men