Anexo 8/L: TRABAJOS CIENTÍFICOS (1/1)

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TRACTION WITH THE JES EXTENDER IN PEYRONIE’S DISEASE AND HYPOSPADIAS

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1. INTRODUCTION

Non-invasive penile elongation has been achieved by traction using the Jes-Extender. Patients with Peyronie’s disease may benefit from using traction before surgical correction is planned. After penile surgery for elongation traction has been found indicated to avoid scar contraction and to give more length to penis. Patients with hereditary deformities such as micropenis and hypospadias / epispadias may also benefit from traction after surgery.
2. MATERIAL AND METHODS

2.1. Number of patients:
- 2 patients with Peyronie’s disease (without surgical correction)
- 4 patients with hypospadias (after surgical correction)

2.2. Traction:
- 0 - 2 weeks: 900 - 1000 g
- 2 - 20 weeks: 1000 - 1200 g

2.3. Treatment period:
- 8-12 hours daily. 7 days a week. 2-7 months
3. RESULTS (Results in erection):

3.1. Peyronies disease

Number of one year controls: 268 of 817 patients (32.8%)

<table>
<thead>
<tr>
<th>Patient</th>
<th>Before traction Deformity degree</th>
<th>After traction Deformity degree</th>
<th>Months of treatment</th>
</tr>
</thead>
<tbody>
<tr>
<td>01</td>
<td>45°</td>
<td>20°</td>
<td>6</td>
</tr>
<tr>
<td>02</td>
<td>30°</td>
<td>15°</td>
<td>6</td>
</tr>
</tbody>
</table>
## 3.2. Hypospadias

<table>
<thead>
<tr>
<th>Patient</th>
<th>Length before surgery</th>
<th>Length after surgery (pre-traction)</th>
<th>Length after traction</th>
<th>Length after traction</th>
</tr>
</thead>
<tbody>
<tr>
<td>03</td>
<td>8 cm 3.14 in</td>
<td>9 cm 3.74 in</td>
<td>11 cm 4.3 in</td>
<td>4 months</td>
</tr>
<tr>
<td>04</td>
<td>7 cm 2.75 in</td>
<td>8 cm 3.14 in</td>
<td>10 cm 3.93 in</td>
<td>4 months</td>
</tr>
<tr>
<td>05</td>
<td>7 cm 2.75 in</td>
<td>10 cm 3.93 in</td>
<td>13.5 cm 5.31 in</td>
<td>7 months</td>
</tr>
<tr>
<td>06</td>
<td>10 cm 3.93 in</td>
<td>12 cm 7.72 in</td>
<td>13 cm 5.11 in</td>
<td>2 months</td>
</tr>
</tbody>
</table>
CONCLUSIONS

The JES Extender can be a medical (non-surgical) indication for treatment with penile traction in:

➔ Patients with Peyronie’s disease before surgical correction is planned

➔ Hypospadias patients treated with elongation surgical procedures after initial corrections