

## 15 · REFERENCIAS BIBLIOGRAFICAS · Anexo 8/J: TRABAJOS CIENTÍFICOS (1/1)

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**Non-Surgical Penile Elongation using Tissue Extension –  
TRACTIVE ELONGATION OF THE PENIS BY  
MEANS OF STRETCHING**  
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**Non-Surgical Penile Elongation using Tissue Extension - Tractive Elongation of the Penis by Means of Stretching**  
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### 1. - INTRODUCTION

Based on the evidence of human tissue response to stretching a traction device for non-invasive penile lengthening has been designed and tested.

#### TRACTION DEVICE:

- Basic ring, fastened proximally around the root of the penis, abutting on the symphysis.
- Two adjustable metal bars hinged to the ring, connecting it to the silicon-support, fastened around the corona glandis at the distal end of the penis.

- By gradually increasing the tractive force on the two metal bars a stretching force is exerted on the corporae, which equals a tractive force of a 600-1500 g weight attached to the penis.

### 2. - MATERIAL AND METHODS

- 2.1. Number of patients: 10 patients ranging from 23-47 years  
2.2. Patient selection: 2.2.1. Inclusion: normal erectile capacity and no penile surgery  
2.2.2. Exclusion: chronically diseases  
2.3. Traction force: 0- 2 weeks - 900-1000 g  
2-26 weeks - 1000-1200 g  
2.4. Treatment period: 12 hours daily 7 days a week 8 to 26 weeks  
2.5. Follow up: Every 2 weeks

### 3. - RESULTS - Results in Erection

	Weeks	Length before	Length after	Difference	Length %
Mean (cm)	14,8	12,0	15,3	3,3	28
Range (cm)	(8 - 24)	(9,5 - 15,0)	12,5 - 18,5)	(1,5 - 5,0)	(10 - 42)

### 4. - CONCLUSIONS

- Preliminary study
- All patients achieved penile lengthening after traction
- Lengthening per week was 1,2 mm
- No complications

- Medical indications
  - a) non-invasive: hypoplastic penis, Peyronie'
  - b) postoperative: hypospadias / epispadias, penile lengthening procedures