

15 REFERENCIAS BIBLIOGRAFICAS

Anexo 8/J: TRABAJOS CIENTÍFICOS (1/1)



Barcelona - Spain

April, 6th, 7th and 8th, 1998

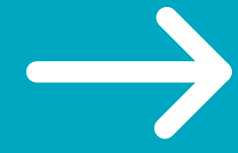
1st International Interdisciplinary
Symposium on Genitourinary Reconstructive
Surgery in Congenital Malformations,
Transsexuals and Impotence



**NON-SURGICAL PENILE ELONGATION
USING TISSUE EXPANSION WITH JES**

Tractive Elongation of the Penis by Means of Stretching

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Non-Surgical Penile Elongation using Tissue Extension with the JES Extender *Tractive Elongation of the Penis by Means of Stretching*

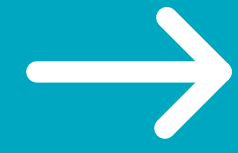
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1. INTRODUCTION

Based on the evidence of human tissue response to stretching a traction device for non-invasive penile lengthening has been designed: The Jes-Extender.

TRACTION DEVICE - THE JES EXTENDER

- ❑ 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.



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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

2-24 weeks - 1000-1200 g

2.4. Treatment period:

12 hours daily 7 days a week 8 to 24 weeks

2.5. Follow up:

Every 2 weeks

3. RESULTS (Results in erection):

| | Weeks | Length before | Length after | Difference | Length % |
|-------|---------------------------------|-------------------------------------|--------------------------------------|------------------------------------|-----------------------------------|
| Mean | 14,8 cm 5,83 in | 12,0 cm 4,72 in | 14,8 cm 5,83 in | 2,8 cm 1,10 in | 24 cm 9,44 in |
| Range | (8 - 24) cm (3,15 - 9,45) in | (9,5 - 15,0) cm (3,74 - 5,91) in | (12,5 - 18,5) cm (4,92 - 7,28) in | (1,5 - 5,0) cm (0,59 - 1,97) in | (10 - 42) cm (3,94 - 16.54) in |

4.

CONCLUSIONS

- Preliminary study
- All patients achieved penile lengthening after traction with the JES Extender
- Lengthening per week was 1,9 mm
- No complications
- Medical indications
 - a) **non-invasive:** hypoplastic penis, Peyronie's disease
 - b) **postoperative:** hypospadias / epispadias, penile lengthening procedures