

## 15 REFERENCIAS BIBLIOGRAFICAS

### Anexo 8/K: 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



**LENGTHENING WITH THE JES EXTENDER**

Combination of surgical lengthening and  
postoperative penile traction with The JES Extender

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### 1. INTRODUCTION

Depending on surgical techniques used penis elongation surgery creates acceptable results. Follow-up shows however, that retraction of the penis occurs because of wound healing contraction. Post-operative treatment is necessary to avoid scar contraction and to yield greater length to the penis.

COPENHAGEN

SCANDINAVIAN CLINIC OF PLASTIC SURGERY





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Combination of surgical lengthening and postoperative penile traction with The JES Extender

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## 2. MATERIAL AND METHODS

### 2.1. Number of patients:

10 patients ranging from 18-43 years.

### 2.2. Patient selection:

**Inclusion:** normal erectile capacity after penile surgery

**Exclusion:** disadvantage in using traction after surgery

### 2.3. Traction:

0-2 weeks - 900-1000 g

2-20 weeks - 1000-1200 g

### 2.4. Treatment period:

8-12 hours daily 7 days a week 8-20 weeks

### 2.5. Follow up:

Every 2 months

### 3. RESULTS (Results in erection):

	Length before surgery	Length after surgery	Difference	Length after traction	Difference	Difference after combination
<b>Mean</b>	12,0 cm 4,72 in	14,3 cm 5,63 in	2,3 cm 0,91 in	17,5 cm 6,89 in	3,4 cm 1,34 in	5,7 cm 2,24 in
<b>Range</b>	(10 - 13,5) cm (3,9 - 5,3) in	(11 - 17) cm (4,3 - 6,8) in	(1,5 - 4) cm (0,5 - 1,6) in	(15 - 19,5) cm (5,9 - 7,7) in	(2 - 4,5) cm (0,8 - 1,8) in	(4 - 8,5) cm (1,6 - 3,3) in

#### Weeks

Mean: 10,7 weeks  
Range: 8 - 20 weeks



## 4. CONCLUSIONS

- Preliminary study
- All patients avoided scar contractions and achieved more length to the penis after surgery
- Lengthening per week was 3,2 mm
- Traction gives better results in combination with surgery (traction alone: 1,9 mm / week)
- The combination of surgery and traction gives better results (mean 5,7 cm) compared to surgery alone (mean 2,3 cm)