

# GroinPain Trial: the effect of a neurectomy compared with an injection with lidocain, corticosteroids and hyaluronic acid on postherniorrhaphy inguinodynia

<b>Submission date</b> 28/12/2006	<b>Recruitment status</b> No longer recruiting	<input type="checkbox"/> Prospectively registered
<b>Registration date</b> 28/12/2006	<b>Overall study status</b> Completed	<input type="checkbox"/> Protocol
<b>Last Edited</b> 26/03/2021	<b>Condition category</b> Signs and Symptoms	<input type="checkbox"/> Statistical analysis plan
		<input checked="" type="checkbox"/> Results
		<input type="checkbox"/> Individual participant data

## Plain English summary of protocol

Not provided at time of registration

## Contact information

### Type(s)

Scientific

### Contact name

Dr R M H Roumen

### Contact details

Maxima Medical Center  
Department of Surgery  
P.O. Box 7777  
Veldhoven  
Netherlands  
5500 MB

## Additional identifiers

### Protocol serial number

N/A

## Study information

Scientific Title

GroinPain Trial: the effect of a neurectomy compared with an injection with lidocain, corticosteroids and hyaluronic acid on postherniorrhaphy inguinodynia

### **Study objectives**

The pain reductive effect of a neurectomy of the ilio-inguinal, ilio-hypogastric or/and genital branch of the genito-femoral nerve(s) is significantly more compared to an injection with lidocain, corticosteroids and hyaluronic acid for neuropathic groin pain syndrome.

### **Ethics approval required**

Old ethics approval format

### **Ethics approval(s)**

Approval received from the Medical Ethics Board Maxima Medical Centre on the 1st May 2006 (ref: 0543).

### **Study design**

Randomised, controlled, parallel group trial

### **Primary study design**

Interventional

### **Study type(s)**

Treatment

### **Health condition(s) or problem(s) studied**

Inguinal Pain

### **Interventions**

Neurectomy of ilio-inguinal, ilio-hypogastric or/and genital branch of the genito-femoral nerve(s) compared with an injection with lidocaine, corticosteroids and hyaluronic acid on postherniorrhaphy inguinodynia.

### **Intervention Type**

Drug

### **Phase**

Not Specified

### **Drug/device/biological/vaccine name(s)**

Lidocaine, corticosteroids and hyaluronic acid

### **Primary outcome(s)**

Change on pain score (Surgical Pain Scales and McGill Pain Questionnaire - Dutch Language Version).

### **Key secondary outcome(s))**

1. Complications
2. Alterations in inguinal neurophysiological status (Leeds Assessment of Neuropathic Symptoms and Signs [LANNS] pain scale)
3. Quality of life (Short Form health survey [SF-36] version II)
4. Change in employment status

**Completion date**

01/02/2008

## Eligibility

**Key inclusion criteria**

1. Nerve entrapment or damage of ilio-inguinal, ilio-hypogastric or/ and genital branch of the genito;-femoral nerve(s) confirmed with peripheral nerve blockade with Lidocaine
2. Corrected inguinal hernia
3. Inguinal pain more than three months
4. Age of 18 yrs or older
5. Adequate follow-up possible

**Participant type(s)**

Patient

**Healthy volunteers allowed**

No

**Age group**

Not Specified

**Sex**

Not Specified

**Total final enrolment**

54

**Key exclusion criteria**

1. Presence of inguinal hernia recurrence
2. Local inguinal inflammatory signs
3. Patient classified as American Society of Anaesthesiologist Class three or more

**Date of first enrolment**

01/02/2006

**Date of final enrolment**

01/02/2008

## Locations

**Countries of recruitment**

Netherlands

**Study participating centre**

Maxima Medical Center

Veldhoven

Netherlands  
5500 MB

## Sponsor information

### Organisation

Maxima Medical Center (The Netherlands)

### ROR

<https://ror.org/02x6rcb77>

## Funder(s)

### Funder type

Hospital/treatment centre

### Funder Name

MÁxima Medical Center (The Netherlands)

## Results and Publications

### Individual participant data (IPD) sharing plan

### IPD sharing plan summary

Not provided at time of registration

### Study outputs

Output type	Details	Date created	Date added	Peer reviewed?	Patient-facing?
<a href="#">Results article</a>		01/05/2018	26/03/2021	Yes	No