

# Pelvic floor muscle activity as a reaction on emotion, in men with overactive pelvic floor muscles.

Published: 26-11-2008

Last updated: 07-05-2024

The objective of this study is to assess the activity of the pelvic floor muscles during emotion induction, in men with complaints of overactive pelvic floor muscles. The activity is measured during viewing of emotion inducing film excerpts. The...

<b>Ethical review</b>	Approved WMO
<b>Status</b>	Will not start
<b>Health condition type</b>	Urinary tract signs and symptoms
<b>Study type</b>	Observational invasive

## Summary

### ID

NL-OMON32347

### Source

ToetsingOnline

### Brief title

Pelvic floor muscle activity as a reaction on emotion

### Condition

- Urinary tract signs and symptoms

### Synonym

overactive pelvic floor, pelvic floor dysfunction

### Research involving

Human

### Sponsors and support

**Primary sponsor:** Universitair Medisch Centrum Groningen

**Source(s) of monetary or material Support:** industrie,Pelvitec

## Intervention

**Keyword:** emotion, men, Pelvic floor

## Outcome measures

### Primary outcome

Activity on the EMG of the pelvic floor muscles.

### Secondary outcome

Relation between emotion induction and pelvic floor activity.

## Study description

### Background summary

The male pelvic floor has not been subject of many studies, in comparison with the female pelvic floor. In men studies have been done on treatment of urinary incontinence after radical prostatectomy, in case of erectile dysfunction and in patients with urogenital pain. The behaviour of the male pelvic floor under influence of emotions has never been assessed. A study in female patients has shown a response of the pelvic floor muscles on emotion induction.

### Study objective

The objective of this study is to assess the activity of the pelvic floor muscles during emotion induction, in men with complaints of overactive pelvic floor muscles. The activity is measured during viewing of emotion inducing film excerpts. The results can be used in choosing the most appropriate therapy.

### Study design

A pilot study, in which EMG registration is used to measure the activity of the pelvic floor muscles when watching emotion inducing film excerpts.

### Study burden and risks

The burden for the patient is the application of the anal probe to measure the EMG. They have to watch four emotion inducing film excerpts.

## Contacts

### **Public**

Universitair Medisch Centrum Groningen

Postbus 30001  
9700 RB Groningen  
Nederland

### **Scientific**

Universitair Medisch Centrum Groningen

Postbus 30001  
9700 RB Groningen  
Nederland

## Trial sites

### Listed location countries

Netherlands

## Eligibility criteria

### **Age**

Adults (18-64 years)  
Elderly (65 years and older)

### Inclusion criteria

Male patients, age 20-65  
Overactive pelvic floor muscle based on history and questionnaire (MPFS)

### Exclusion criteria

Actual or repeated urinary tract infections  
Neurological disease  
Pelvic surgery within 6 month prior to the start  
Pelvic floor physical therapy within 6 months prior to the start  
Psychiatric problems

Contra-indications for the use of an anal probe

## Study design

### Design

**Study type:** Observational invasive

Masking: Open (masking not used)

Control: Uncontrolled

Primary purpose: Diagnostic

### Recruitment

NL

Recruitment status: Will not start

Enrollment: 15

Type: Anticipated

## Ethics review

Approved WMO

Application type: First submission

Review commission: METC Universitair Medisch Centrum Groningen (Groningen)

## Study registrations

### Followed up by the following (possibly more current) registration

No registrations found.

### Other (possibly less up-to-date) registrations in this register

No registrations found.

**In other registers**

Register	ID
CCMO	NL22196.042.08