

# Clinical Trial Protocol

## Iranian Registry of Clinical Trials

26 Jun 2026

### Thoracoscopic sympathectomy assessed in patients with Hyperhidrosis training centers

#### Protocol summary

##### Summary

**Introduction:** Despite profound effects on quality of hyperhidrosis in patients' life in many aspects, it is important to evaluate methods of therapies. This study is aimed to evaluate thoracoscopic sympathectomy technique in patients with hyperhidrosis. **Materials and Methods:** 20 patients more than 5 years old with bilateral hyperhidrosis in the armpit and hand enrolled in this cross-sectional study after obtaining written informed consent, patients with hyperthyroidism; hypopituitarism; metabolic diseases; pregnancy; carcinoid syndrome; acromegaly; neurologic diseases; malignancy; febrile diseases; cardiovascular shock; heart failure; respiratory failure; alcohol poisoning; signs of hanging down or depression; neuroplastic diseases; use of drugs and tuberculosis are excluded. Patients who are under general anesthesia are operated for a bilateral surgical operation. Three five mm ports were entered into the pleural space, one in fourth- fifth place between a rib in intercostal midaxillary in order to enter the camera and the second and third in the forth space- Infra- mammary fold of the fifth midclavicular between a rib in the posterior axillary line. T2 and T4 will be interrupted. The lungs T3 will be extended after hemostasis and before removing the camera, and then the camera will be out. The patient will be discharged two days later in the case of no surgical outcomes such as pain; bleeding from the costal vein; pleural effusion and short- term pulmonary diseases. Demographic information and association symptoms such as fever and night sweats; duration of surgery; place of affected; family history; length of stay; type of disorder and measure of sweating after surgery are compiled by a check list. All patients will be investigated up to 6 months after surgery for early complications.

#### General information

##### Acronym

#### IRCT registration information

IRCT registration number: **IRCT2014092419255N3**

Registration date: **2014-10-28, 1393/08/06**

Registration timing: **registered\_while\_recruiting**

Last update:

Update count: **0**

#### Registration date

2014-10-28, 1393/08/06

#### Registrant information

##### Name

Novin Nikbakhsh

##### Name of organization / entity

Babol University of Medical Science

##### Country

Iran (Islamic Republic of)

##### Phone

+98 11 3225 6285

##### Email address

n.nicbakhsh@mubabol.ac.ir

#### Recruitment status

##### Recruitment complete

#### Funding source

The Deputy of Research and Technology of Babol University of Medical Sciences

#### Expected recruitment start date

2014-06-04, 1393/03/14

#### Expected recruitment end date

2016-06-20, 1395/03/31

#### Actual recruitment start date

empty

#### Actual recruitment end date

empty

#### Trial completion date

empty

#### Scientific title

Thoracoscopic sympathectomy assessed in patients with

Hyperhidrosis training centers

## Public title

Thoracoscopic sympathectomy assessed in patients with Hyperhidrosis training centers:A clinical trial

## Purpose

Treatment

## Inclusion/Exclusion criteria

Inclusion Criteria: Patients who are five years and older; with bilateral hyperhidrosis in the armpits and hands; and written informed consent; Exclusion criteria: Patients with hyperthyroidism; hypopituitarism; metabolic diseases (thyrotoxicosis; Diabetes mellitus; hypoglycemia; gout; pheochromocytoma; menopause); pregnancy; carcinoid syndrome; acromegaly; neurologic diseases (Parkinson's disease; spinal cord injuries; cerebral vascular damage); malignancies (myeloproliferative disorders; Hodgkin's disease); febrile diseases; cardiovascular shock; heart failure; respiratory failure; alcohol poisoning (chronic alcoholism and drug abuse); signs of hanging down or depression; neuroplastic diseases; use of drugs and tuberculosis

## Age

From **5 years** old to **100 years** old

## Gender

Both

## Phase

4

## Groups that have been masked

*No information*

## Sample size

Target sample size: **20**

## Randomization (investigator's opinion)

N/A

## Randomization description

## Blinding (investigator's opinion)

Single blinded

## Blinding description

## Placebo

Not used

## Assignment

Single

## Other design features

## Secondary Ids

empty

## Ethics committees

### 1

#### Ethics committee

##### Name of ethics committee

Babol University of Medical Sciences

##### Street address

Babol University of Medical Sciences, University Square, Babol, Mazandaran

##### City

Babol

##### Postal code

##### Approval date

2014-06-03, 1393/03/13

## Ethics committee reference number

4232

## Health conditions studied

### 1

#### Description of health condition studied

Hyperhidrosis

#### ICD-10 code

R61.0

#### ICD-10 code description

Localized hyperhidrosis

## Primary outcomes

### 1

#### Description

The palmar and axillary hyperhidrosis

#### Timepoint

Before and After Surgery

#### Method of measurement

Clinical

## Secondary outcomes

### 1

#### Description

Compensatory sweating in other areas of the body

#### Timepoint

Measured monthly, 6 months later

#### Method of measurement

Clinical

## Intervention groups

### 1

#### Description

Sympathectomy sympathetic ganglia

#### Category

Treatment - Surgery

## Recruitment centers

### 1

#### Recruitment center

##### Name of recruitment center

Shahid Beheshti Hospital

##### Full name of responsible person

Fatemeh Erfani

##### Street address

Shahid beheshti Hospital, Shahid Keshvari Square, Babol

##### City

Babol

## Sponsors / Funding sources

1

### Sponsor

**Name of organization / entity**

The Deputy of Research and Technology of Babol  
University of Medical Sciences

**Full name of responsible person**

Aliakbar Moghadamnia

**Street address**

Babol University of Medical Sciences, University  
Square, Babol

**City**

Babol

**Grant name**

**Grant code / Reference number**

**Is the source of funding the same sponsor  
organization/entity?**

Yes

**Title of funding source**

The Deputy of Research and Technology of Babol  
University of Medical Sciences

**Proportion provided by this source**

100

**Public or private sector**

*empty*

**Domestic or foreign origin**

*empty*

**Category of foreign source of funding**

*empty*

**Country of origin**

**Type of organization providing the funding**

*empty*

### Person responsible for general inquiries

**Contact**

### Person responsible for scientific inquiries

### Contact

**Name of organization / entity**

Babol University of Medical Sciences

**Full name of responsible person**

Novin Nikbakhsh

**Position**

Associate Professor, Surgery

**Other areas of specialty/work**

**Street address**

Shahid Beheshti Hospital, Shahid Keshvari Square,  
Babol

**City**

Babol

**Postal code**

**Phone**

+98 11 3225 6285

**Fax**

**Email**

novinsu@hotmail.com

**Web page address**

### Person responsible for updating data

**Contact**

### Sharing plan

**Deidentified Individual Participant Data Set (IPD)**

*empty*

**Study Protocol**

*empty*

**Statistical Analysis Plan**

*empty*

**Informed Consent Form**

*empty*

**Clinical Study Report**

*empty*

**Analytic Code**

*empty*

**Data Dictionary**

*empty*