

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