

Clinical Trial Protocol

Iranian Registry of Clinical Trials

16 Sep 2026

The effect of trendelenburg position on surgery site hemostasis, during and after thyroidectomy

Protocol summary

Study aim

The effect of trendelenburg position on homeostasis of the site, during and after thyroidectomy

Design

Two arm parallel group randomised trial with blinded postoperative care and outcome assessm

Settings and conduct

This clinical trial will research in zahedan university of medical sciense.

Participants/Inclusion and exclusion criteria

60 euthyroid pationt in the age between 18 and 70 years that candidate for thyroidectomy in the ali ebn abitaleb hospital of zahedan

Intervention groups

30 pationts in the control group and 30 pationts in the intervention group

Main outcome variables

Hemoestasis in thyroidectomy surgery

General information

Reason for update

Acronym

IRCT registration information

IRCT registration number: **IRCT20190502043447N1**

Registration date: **2020-11-16, 1399/08/26**

Registration timing: **prospective**

Last update: **2020-11-16, 1399/08/26**

Update count: **0**

Registration date

2020-11-16, 1399/08/26

Registrant information

Name

Mohammad Attarzadeh Firouzabadi

Name of organization / entity

Country

Iran (Islamic Republic of)

Phone

+98 35 3823 3254

Email address

attarzadeh.m65@gmail.com

Recruitment status

Recruitment complete

Funding source

Expected recruitment start date

2020-12-21, 1399/10/01

Expected recruitment end date

2021-03-21, 1400/01/01

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

The effect of trendelenburg position on surgery site hemostasis, during and after thyroidectomy

Public title

The effect of trendelenburg position on surgery site hemostasis, during and after thyroidectomy

Purpose

Treatment

Inclusion/Exclusion criteria

Inclusion criteria:

Between 18 and 70 Years Old Candidate for Thyroidectomy

Exclusion criteria:

Diabetes mellitus Over 70 and Under 18 Years Old
Bleeding disorder Anticoagulan usage 48 hr before surgery

Age

From **18 years** old to **70 years** old

Gender

Both

Phase

N/A

Groups that have been masked

- Participant
- Care provider
- Outcome assessor
- Data analyser

Sample size

Target sample size: 60

Randomization (investigator's opinion)

Randomized

Randomization description

A simple randomization method is used individually with the STATA software.

Blinding (investigator's opinion)

Double blinded

Blinding description

patients and analyser don't know about that which group are they

Placebo

Not used

Assignment

Parallel

Other design features

Secondary Ids

empty

Ethics committees

1

Ethics committee

Name of ethics committee

Ethics committee of zahedan university of medical sciences

Street address

Daneshgah ave.

City

Zahedan

Province

Sistan-va-Balouchestan

Postal code

9817714379

Approval date

2019-07-10, 1398/04/19

Ethics committee reference number

IR.ZAUMS.REC.1398.141

Health conditions studied

1

Description of health condition studied

Thyroidectomy

ICD-10 code

Thyroidect

ICD-10 code description

Thyroidectomy

Primary outcomes

1

Description

Hemostasis after Thyroidectomy

Timepoint

During and after Thyroidectomy surgery

Method of measurement

Bleeding sites during surgery and hematoma or seroma after Thyroidectomy surgery

Secondary outcomes

1

Description

Patient satisfaction after surgery

Timepoint

The Day After Surgery

Method of measurement

Visual Analogue Scale

Intervention groups

1

Description

intervention group: Trendelenburg position in surgery

Category

Treatment - Surgery

2

Description

Control group: Without Trendelenburg position in surgery

Category

Treatment - Surgery

Recruitment centers

1

Recruitment center

Name of recruitment center

Ali ebne Abitaleb Hospital

Full name of responsible person

Mohammad Attarzadeh

Street address

Salamat Blvd, Persian Gulf Expressway

City

Zahedan

Province

Sistan-va-Balouchestan

Postal code

9816743463

Phone

+98 54 3329 5715

Email

public@zaums.ac.ir

Web page address

Sponsors / Funding sources

1

Sponsor

Name of organization / entity

Zahedan University of Medical Sciences

Full name of responsible person

Vice-president for Research and Technology

Street address

ZAUMS Main campus, Zahedan, Sistan and
Baluchestan, Iran

City

Zahedan

Province

Sistan-va-Balouchestan

Postal code

9816743463

Phone

+98 54 3329 5744

Email

zau.ac.research@gmail.com

Grant name**Grant code / Reference number****Is the source of funding the same sponsor organization/entity?**

Yes

Title of funding source

Zahedan University of Medical Sciences

Proportion provided by this source

100

Public or private sector

Public

Domestic or foreign origin

Domestic

Category of foreign source of funding

empty

Country of origin**Type of organization providing the funding**

Academic

Person responsible for general inquiries

Contact**Name of organization / entity**

Zahedan University of Medical Sciences

Full name of responsible person

Mohammad Attarzadeh Firouzabadi

Position

Resident of general surgery

Latest degree

Medical doctor

Other areas of specialty/work

General Surgery

Street address

Salamat Blvd, Persian Gulf Expressway, Zahedan

City

Zahedan

Province

Sistan-va-Balouchestan

Postal code

9816743111

Phone

+98 35 3823 3254

Email

Attarzadeh.m65@gmail.com

Person responsible for scientific inquiries

Contact**Name of organization / entity**

Zahedan University of Medical Sciences

Full name of responsible person

Mohammad Attarzadeh Firouzabadi

Position

Resident of general surgery

Latest degree

Medical doctor

Other areas of specialty/work

General Surgery

Street address

Salamat Blvd, Persian Gulf Expressway, Zahedan

City

Zahedan

Province

Sistan-va-Balouchestan

Postal code

9816743111

Phone

+98 35 3823 3254

Email

Attarzadeh.m65@gmail.com

Person responsible for updating data

Contact**Name of organization / entity**

Zahedan University of Medical Sciences

Full name of responsible person

Mohammad Attarzadeh Firouzabadi

Position

Resident of general surgery

Latest degree

Medical doctor

Other areas of specialty/work

General Surgery

Street address

Salamat Blvd, Persian Gulf Expressway, Zahedan

City

Zahedan

Province

Sistan-va-Balouchestan

Postal code

9816743111

Phone

+98 35 3823 3254

Email

Attarzadeh.m65@gmail.com

Sharing plan

Deidentified Individual Participant Data Set (IPD)

Yes - There is a plan to make this available

Study Protocol

Yes - There is a plan to make this available

Statistical Analysis Plan

Yes - There is a plan to make this available

Informed Consent Form

Yes - There is a plan to make this available

Clinical Study Report

Yes - There is a plan to make this available

Analytic Code

Yes - There is a plan to make this available

Data Dictionary

Yes - There is a plan to make this available

Title and more details about the data/document

All data include the outcomes of the two groups can be published after being unidentified.

When the data will become available and for how long

Access to information will be granted after article publication.

To whom data/document is available

Data will be access by researchers from medical universities.

Under which criteria data/document could be used

Data will be access by researchers from medical universities.

From where data/document is obtainable

Dr mohammad attarzadeh. MD. General surgery resident
Email: attarzadeh.m65@gmail.com Tell: +989124034539
Address:Ali ebne Abitaleb Hospital, Salamat Blvd, Persian Gulf Expressway, Zahedan

What processes are involved for a request to access data/document

The people that wanted the data should email requested the data.

Comments