

Clinical Trial Protocol

Iranian Registry of Clinical Trials

10 Jun 2026

Comparative effects of oral bisoprolol and clonidine on surgical field conditions during functional endoscopic sinus surgery

Protocol summary

Summary

1): Objectives: In order to decreasing time of surgery and optimizing field of sinus endoscopic surgery we compare bisoprolol with clonidine. (2): Design: In a prospective double-blind randomized study thirty nine patients with Chronic or recurrent rhinosinusitis with or without nasal polyposis subjected to refractory to medical treatment were recruited in our center. (3) Setting and conduct: All the patients were sent to the anesthesia preoperative room with any of our premedication 60 minutes before the surgery. (4) Participants including major eligibility criteria: American Society of Anesthesiologist (ASA) classification less than II younger than 18 years old. (5) Intervention: These patients were evaluated with bisoprolol or clonidine as premedication (6) Main outcome measures: a better surgical field volume of blood loss and hemodynamic parameters.

General information

Acronym

-

IRCT registration information

IRCT registration number: **IRCT2015091023968N1**

Registration date: **2015-10-12, 1394/07/20**

Registration timing: **retrospective**

Last update:

Update count: **0**

Registration date

2015-10-12, 1394/07/20

Registrant information

Name

Rozita Jafari

Name of organization / entity

Shahid Beheshti University of Medical Sciences

Country

Iran (Islamic Republic of)

Phone

+98 2109125187278

Email address

dr.rozitajafari57@yahoo.com

Recruitment status

Recruitment complete

Funding source

Vice Chancellor for research of Shahid Beheshti University of Medical Sciences

Expected recruitment start date

2012-12-31, 1391/10/11

Expected recruitment end date

2014-01-31, 1392/11/11

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

Comparative effects of oral bisoprolol and clonidine on surgical field conditions during functional endoscopic sinus surgery

Public title

Comparative effects of oral bisoprolol and clonidine

Purpose

Supportive

Inclusion/Exclusion criteria

Inclusion: Chronic or recurrent rhinosinusitis with or without nasal polyposis" patients at least 18 years of age" Patients with American Society of Anesthesiologist (ASA) classification less than II" Exclusion criteria: Severe ischemic heart disease (IHD)" asthma" Coagulation or bleeding disorders

Age

From **28 years** old to **64 years** old

Gender

Both

Phase

N/A

Groups that have been masked

No information

Sample size

Target sample size: 20

Randomization (investigator's opinion)

Randomized

Randomization description

Blinding (investigator's opinion)

Double blinded

Blinding description

Placebo

Not used

Assignment

Parallel

Other design features

In order to select the patients in two group of control and treatment we used random sampling numbers.

Secondary Ids

empty

Ethics committees

1

Ethics committee

Name of ethics committee

Ethics committee of Shahid Beheshti University of Medical Sciences

Street address

Arabi, Yaman, Chamran Motorway, Tehran, Iran

City

Tehran

Postal code

1956944413

Approval date

2010-08-20, 1389/05/29

Ethics committee reference number

S.bmu7.REC.1394.133

Health conditions studied

1

Description of health condition studied

Nasal polyposis

ICD-10 code

J33.8

ICD-10 code description

پولیپ کوان نازوفارنکس

Primary outcomes

1

Description

surgical field situation

Timepoint

overall the surgery

Method of measurement

Fromme- Boezaart Scale

2

Description

Volume of bleeding

Timepoint

overall of surgical time

Method of measurement

after eliminating of serum volume used during surgery from volume of suction tank

Secondary outcomes

1

Description

Vital sign

Timepoint

every an hour during surgery

Method of measurement

Digital Blood Pressure Monitor

Intervention groups

1

Description

Control group : oral clonidine one hour before the endoscopic surgery for controlling the surgical field fom Tolid Daro factory

Category

Treatment - Drugs

2

Description

Intervention group:with 2.5 orally bisoprolol ratiopharm one hour before the endoscopic surgery for controlling the surgical field from Hazipatika factory Germany

Category

Treatment - Drugs

Recruitment centers

1

Recruitment center

Name of recruitment center

Masih Hospital

Full name of responsible person

Rozita Jafari

Street address

Darabad, Niaavaran, Tehran, Iran

City

Tehran

Sponsors / Funding sources

1

Sponsor

Name of organization / entity

Vice Chancellor for research of Shahid Beheshti
University of Medical Sciences

Full name of responsible person

دکتر رضا مسعودی

Street address

Arabi, Yaman, Chamran Motorway, Tehran, Iran.

City

Tehran

Grant name**Grant code / Reference number**

-

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

Yes

Title of funding source

Vice Chancellor for research of Shahid Beheshti
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**Name of organization / entity**

Shahid Beheshti University of Medical Sciences

Full name of responsible person

Rozita Jafari

Position

Fellowship in Rhinology

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Hospital

Full name of responsible person

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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