

Clinical Trial Protocol

Iranian Registry of Clinical Trials

14 Jul 2026

Evaluation of topical Bevacizumab in sutureless Trabeculectomy in glaucoma patients

Protocol summary

Summary

Objectives: Evaluation of topical Bevacizumab in sutureless Trabeculectomy in glaucoma patients Design: double blind, randomized, one center, sample size: 20 patients Setting and conduct: sutureless trabeculectomy with and without topical bevacizumab Participants including major eligibility criteria: primary open angle glaucoma patients with poor control intra ocular pressure . Intervention: sutureless trabeculectomy with topical bevacizumab main outcome: intra ocular pressure changes

General information

Acronym

IRCT registration information

IRCT registration number: **IRCT2017041433424N1**
Registration date: **2017-05-27, 1396/03/06**
Registration timing: **prospective**

Last update:

Update count: **0**

Registration date

2017-05-27, 1396/03/06

Registrant information

Name

Omid Bagherzadeh

Name of organization / entity

Alzahra Eye Hospital

Country

Iran (Islamic Republic of)

Phone

+98 54 3323 3551

Email address

o.bagherzadeh@zaums.ac.ir

Recruitment status

Recruitment complete

Funding source

Vice chancellor for research, Zahedan University of Medical Sciences

Expected recruitment start date

2017-05-31, 1396/03/10

Expected recruitment end date

2017-07-23, 1396/05/01

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

Evaluation of topical Bevacizumab in sutureless Trabeculectomy in glaucoma patients

Public title

Evaluation of Topical Bevacizumab in Trabeculectomy

Purpose

Treatment

Inclusion/Exclusion criteria

Inclusion criteria: intraocular pressure (IOP) > 21 mmHg despite maximum tolerated medication and poor compliance leading to POAG. Exclusion criteria: history of ocular surgery, congenital glaucoma, ocular inflammation, angle closure glaucoma, secondary open angle glaucoma and soft tissue disease (Marfan syndrome, collagen vascular diseases etc.)

Age

No age limit

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

Blocking

Secondary Ids

empty

Ethics committees

1

Ethics committee

Name of ethics committee

Ethics committee of Zahedan University of Medical Sciences

Street address

Dr Hesabi Sq

City

Zahedan

Postal code

98167-43463

Approval date

2017-03-05, 1395/12/15

Ethics committee reference number

IR. ZAUMS. REC.1395.269

Health conditions studied

1

Description of health condition studied

Glaucoma

ICD-10 code

H40.1

ICD-10 code description

Glaucoma (primary)(residual stage):chronic simple

Primary outcomes

1

Description

Intra ocular pressure

Timepoint

before study and 1month and 6 months post operation

Method of measurement

goldman tenometer

Secondary outcomes

1

Description

visual acuity

Timepoint

before study and 1month and 6 months post operation

Method of measurement

snellen chart

Intervention groups

1

Description

Control group : Sutureless Trabeculectomy (10 patients)

Category

Treatment - Surgery

2

Description

Intervention group : Sutureless trabeculectomy with 1.25 mg topical bevacizumab , one time (10 patients)

Category

Treatment - Surgery

Recruitment centers

1

Recruitment center

Name of recruitment center

zahedan alzahra eye hospital

Full name of responsible person

Omid Bagherzadeh

Street address

Zahedan motahari st

City

zahedan

Sponsors / Funding sources

1

Sponsor

Name of organization / entity

Vice chancellor for research, Zahedan University of Medical Sciences

Full name of responsible person

Mohammad Reza Shahraki

Street address

Dr.Hesabi Square

City

Zahedan

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, Zahedan 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

City

Zahedan

Postal code**Phone**

+98 543233551

Fax**Email**

arish.mohammed@gmail.com

Web page address**Person responsible for general inquiries****Contact****Name of organization / entity**

Zahedan Alzahra Eye Hospital

Full name of responsible person

Omid Bagherzadeh

Position

resident of ophthalmology

Other areas of specialty/work**Street address**

Zahedan Motahari st

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Web page address**Contact****Name of organization / entity**

Zahedan Alzahra Eye Hospital

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Position

Resident of Ophthalmology

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Web page address**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

Person responsible for scientific inquiries**Contact****Name of organization / entity**

Zahedan Alzhra Eye Hospital

Full name of responsible person

Mohammed Arish

Position

Neuroophthalmology Fellowship- Associated

Proffessor

Other areas of specialty/work**Street address**

Zahedan Motahari St