

Clinical Trial Protocol

Iranian Registry of Clinical Trials

09 Jun 2026

The effect of local injection of Bevacizumab on pterygial size in patients with recurrence of pterygia

Protocol summary

Baqiyatallah University of Medical Sciences

Summary

The purpose of the present study is to evaluate effect of Bevacizumab on recurrent pterygia. In this single arm clinical trial, all patients with recurrent pterygia referring to ophthalmology clinic of Baqiyatallah hospital for two months will be recruited and receive a single dose local injection of Bevacizumab and 20 patients had been estimated in this way. The pterygial size will be measured until 3 months after the intervention and compared with before intervention.

Expected recruitment start date

2010-12-22, 1389/10/01

Expected recruitment end date

2011-03-20, 1389/12/29

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

General information

Scientific title

The effect of local injection of Bevacizumab on pterygial size in patients with recurrence of pterygia

Acronym

Public title

The effect of Bevacizumab on recurrent pterygia

IRCT registration information

IRCT registration number: **IRCT201010054856N1**

Registration date: **2011-05-02, 1390/02/12**

Registration timing: **retrospective**

Purpose

Treatment

Inclusion/Exclusion criteria

Inclusion criteria: Recurrence of pterygia after surgical excision
Exclusion criteria: History of any other ophthalmic surgery

Last update:

Update count: **0**

Registration date

2011-05-02, 1390/02/12

Age

No age limit

Gender

Both

Registrant information

Name

Mostafa Naderi

Name of organization / entity

Baqiyatallah University of Medical Sciences

Country

Iran (Islamic Republic of)

Phone

+98 21 8216 2436

Email address

ophthalmology110@bmsu.ac.ir

Phase

2

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)

Not blinded

Blinding description

Recruitment status

Recruitment complete

Funding source

Placebo

Not used

Assignment

Single

Other design features**Secondary Ids**

empty

Ethics committees**1****Ethics committee****Name of ethics committee**

Ethic Committee of Baqiyatallah University of Medical Science

Street address

Baqiyatallah University of Medical Science, Molla sadra Avenue, Vanak Squire

City

Tehran

Postal code

193955487

Approval date

2010-11-24, 1389/09/03

Ethics committee reference number

25

Health conditions studied**1****Description of health condition studied**

pterygium

ICD-10 code

H11.0

ICD-10 code description

Pterygium

Primary outcomes**1****Description**

Pterygium size

Timepoint

Before intervention, 1 week, 1 month and 3 months after intervention

Method of measurement

mili meter with Slit Lamp

Secondary outcomes**1****Description**

Angiogenesis

Timepoint

Befor intervention, 1 week, 1 month and 3 months after

intervention

Method of measurement

Based on Fondues Camera picture.

Intervention groups**1****Description**

Injection of 1.25 mg Bevacizumab in Pterygial Bed

Category

Treatment - Surgery

Recruitment centers**1****Recruitment center****Name of recruitment center**

Ophthalmology Clinic of Baqiyatallah Hospital

Full name of responsible person

Ali Alishiri MD. Assistant Professor of ophthalmology

Street address

Ophthalmology Clinic, Clinic of Baqiyatallah hospital, Molla Sadra Avenue, Vanak Squire

City

Tehran

Sponsors / Funding sources**1****Sponsor****Name of organization / entity**

Vice Chancellor for research, Baqiyatallah University of Medical Science

Full name of responsible person

Morteza Ezadi MD.

Street address

Vice Chancellor for research, Baqiyatallah university of medical science, Molla sadra Avenue, Vanak Squire, 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, Baqiyatallah University of Medical Science

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

Ophthalmology department of Baqiyatallah hospital

Full name of responsible person

Ali Alishiri MD.

Position

Associate Professor of ophthalmology, ophthalmology department, Baqiyatallah Hospital

Other areas of specialty/work

Street address

Baqiyatallah hospital, Molla sadra Avenue, Vanak Squire

City

Tehran

Postal code

Phone

+98 82162436

Fax

Email

ophthalmology110@yahoo.com

Web page address

Phone

+98 82162436

Fax

Email

ophthalmology110@yahoo.com

Web page address

Person responsible for updating data

Contact

Name of organization / entity

Ophthalmology department of Baqiyatallah hospital

Full name of responsible person

Ali Alishiri MD.

Position

Associate Professor of Ophthalmology, ophthalmology department , Baqiyatallah hospital

Other areas of specialty/work

Street address

Ophthalmology department , Baqiyatallah hospital, Molla sadra Avenue, Vanak Squire

City

Tehran

Postal code

Phone

Fax

Email

Web page address

Person responsible for scientific inquiries

Contact

Name of organization / entity

Ophthalmology department of Baqiyatallah Hospital

Full name of responsible person

Ali Alishiri MD.

Position

Associate Professor of ophthalmology, ophthalmology department, Baqiyatallah hospital

Other areas of specialty/work

Street address

Ophthalmology department , Baqiyatallah Hospital, Molla sadra Avenue, Vanak Squire

City

Tehran

Postal code

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