

Clinical Trial Protocol

Iranian Registry of Clinical Trials

24 Jul 2026

Outcomes of intravitreal injection of bevacizumab in patients with acute Branch retinal Vein Occlusion(BRVO)

Protocol summary

Summary

22 patients in first week of branch retinal vein occlusion(BRVO) onset that were diagnosed with flurcein angiography(FA), were treated with intravitreal injection of 1.25 mg of bevacizumab. Patients with initial diagnose of BRVO based on examination with slit lamp that have less than one week symptoms onset were included. Patients with other pathologies of retinal vessels beside BRVO based on flurcein angiography and who have received any medication for BRVO were excluded. Macular thickening with Optical Coherence Tomography(OCT) and visual acuity measured before injection and 1,3 and 6 to 16 months after injection.

General information

Acronym

IRCT registration information

IRCT registration number: **IRCT201106214856N2**
Registration date: **2011-07-03, 1390/04/12**
Registration timing: **registered_while_recruiting**

Last update:
Update count: **0**

Registration date

2011-07-03, 1390/04/12

Registrant information

Name

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Name of organization / entity

Baqiyatollah University of Medical Sciences

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Recruitment status

Recruitment complete

Funding source

Baqiyatallah University of Medical Science

Expected recruitment start date

2011-03-21, 1390/01/01

Expected recruitment end date

2012-08-22, 1391/06/01

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

Outcomes of intravitreal injection of bevacizumab in patients with acute Branch retinal Vein Occlusion(BRVO)

Public title

Intravitreal Bevacizumab in acute Branch Retinal Vein Occlusion(BRVO)

Purpose

Treatment

Inclusion/Exclusion criteria

Inclusion: Patients with initial diagnose of branch retinal vein occlusion(BRVO) based on examination with Slit Lamp; Less than one week of symptoms onset.
Exclusion: Other pathologies of retinal vessels beside BRVO based on flurcein angiography(FA); Patients that have received any medication for BRVO.

Age

From **35 years** old to **80 years** old

Gender

Both

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
Placebo
Not used
Assignment
Single
Other design features

Secondary Ids

empty

Ethics committees

1

Ethics committee

Name of ethics committee
Baqiyatallah University of Medical Science
Street address
Baqiyatallah University of medical Science,
Mollasadra Avenue, Vanak Squire.
City
Tehran
Postal code
Approval date
2011-02-09, 1389/11/20
Ethics committee reference number
26

Health conditions studied

1

Description of health condition studied

Branch Retinal Vein occlusion
ICD-10 code
H34.8
ICD-10 code description
Other retinal vascular occlusions

Primary outcomes

1

Description
Macular Thickness
Timepoint
Before injection and 1,3 and 6 to 16 months after
injection
Method of measurement
Optical Coherence Tomography(OCT)

Secondary outcomes

1

Description

Visual acuity

Timepoint

Before injection and 1,3 and 6 to 16 months after
injection

Method of measurement

Snellen Chart

Intervention groups

1

Description

Intravitreal single dose injection of 1.25 mg
Bevacizumab(Avastin) at the beginning of study for all 22
patients.

Category

Treatment - Drugs

Recruitment centers

1

Recruitment center

Name of recruitment center
Ophthalmology Clinic of Baqiyatallah Hospital.
Full name of responsible person
Street address
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
Street address
Baqiyatallah Faculty of Medicine, Baqiyatallah
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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
General Practitioner, Department of ophthalmology,
Baqiyatallah Hospital, Baqiyatallah University of
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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