

Clinical Trial Protocol

Iranian Registry of Clinical Trials

18 Sep 2026

Comparison of Intravitreal Bevacizumab and Triamcinolone with Placebo in Acute Nonarteritic Anterior Ischemic Optic Neuropathy

Protocol summary

Ophthalmic Research Center

Summary

In this study 16 Patients diagnosed with Nonarteritic Anterior Ischemic Optic Neuropathy (NSION) who had a sudden mono ocular vision loss associated with optic disc edema and positive Marcus Gunn in less than 30 days without exclusion criteria are randomly divided in two groups 1)control 2) case . In case group Avastin and Triamcinolone will be injected through vitrea and placebo will be injected in control group. BCVA and Visual field will be then measured in these two groups.

Expected recruitment start date

2009-11-14, 1388/08/23

Expected recruitment end date

2011-11-14, 1390/08/23

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

General information

Acronym

IRCT registration information

IRCT registration number: **IRCT1138901221180N13**

Registration date: **2010-05-21, 1389/02/31**

Registration timing: **registered_while_recruiting**

Last update:

Update count: **0**

Registration date

2010-05-21, 1389/02/31

Registrant information

Name

pooya rostami

Name of organization / entity

Ophthalmic Research Center

Country

Iran (Islamic Republic of)

Phone

+98 21 2258 5952

Email address

labbafi@hotmail.com

Recruitment status

Recruitment complete

Funding source

Scientific title

Comparison of Intravitreal Bevacizumab and Triamcinolone with Placebo in Acute Nonarteritic Anterior Ischemic Optic Neuropathy

Public title

Comparison of Intravitreal Bevacizumab and Triamcinolone with Placebo in Acute Nonarteritic Anterior Ischemic Optic Neuropathy

Purpose

Treatment

Inclusion/Exclusion criteria

Inclusion criteria: sudden mono ocular vision loss associated with optic disc edema and positive Marcus Gunn (<30 days). Exclusion criteria: any eye disease except NAION (Nonarteritic Anterior Ischemic Optic Neuropathy), neurologic defect, abnormal ESR, CRP, any history of retina or vitrea surgery, severe corneal opacity which makes retina examination impossible.

Age

No age limit

Gender

Both

Phase

2

Groups that have been masked

No information

Sample size

Target sample size: **16**
Randomization (investigator's opinion)
Randomized
Randomization description
Blinding (investigator's opinion)
Double blinded
Blinding description
Placebo
Used
Assignment
Parallel
Other design features

Secondary Ids

empty

Ethics committees

1
Ethics committee
Name of ethics committee
Ophthalmic Research Center
Street address
No 23, Pasdaran Ave, 9th Boostan
City
Tehran
Postal code
166666
Approval date
2010-02-22, 1388/12/03
Ethics committee reference number
7527، ت ج

Health conditions studied

1
Description of health condition studied
Anterior Ischemic of Optic Nerve
ICD-10 code
H47.0
ICD-10 code description
Disorders of optic nerve, not elsewhere classified

Primary outcomes

1
Description
BCVA
Timepoint
1,3, 6 months
Method of measurement
snellen chart

Secondary outcomes

1
Description
visual field
Timepoint
1,3,6 months
Method of measurement
snellen

Intervention groups

1
Description
Control: placebo
Category
Placebo

2
Description
Intervention: Avastin 1.25 mg and Triamcinolone 2 mg
one time
Category
Treatment - Drugs

Recruitment centers

1
Recruitment center
Name of recruitment center
Labbafinejad Hospital
Full name of responsible person
Street address
City
Tehran

Sponsors / Funding sources

1
Sponsor
Name of organization / entity
Ophthalmic Research Center
Full name of responsible person
Ali-Asghar Aghdai
Street address
No 23,Pasdaran Ave, 9th Boostan
City
Tehran
Grant name
Grant code / Reference number
Is the source of funding the same sponsor organization/entity?
Yes
Title of funding source
Ophthalmic Research Center
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**

Ophthalmic Research Center, Shahid Beheshti
University of Medical Sciences

Full name of responsible person

Dr Mohammad Pakravan

Position

Ophthalmologist

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

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Web page address**Person responsible for updating data****Contact****Name of organization / entity**

Ophthalmic Research Center, Shahid Beheshti
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Full name of responsible person

Pooya Rostami

Position

General physician

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

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City

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Postal code**Phone****Fax****Email****Web page address****Person responsible for scientific inquiries****Contact****Name of organization / entity**

Ophthalmic Research Center, Shahid Beheshti
University of Medical Sciences

Full name of responsible person

Dr Morteza Entezari

Position

Ophthalmologist

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

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Research Center

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*