Clinical Trial Protocol
Iranian Registry of Clinical Trials

16 Sep 2026

Intraocular pressure lowering effect of Lataprost eye drop with once every other day dosing

Protocol summary

Summary

Among the primary and secondary open angle glaucoma cases who were treated with eye drop Lataprost 0.005% every night, with or without another medication and had proper IOP control, 50 eyes are selected randomly. In first phase, IOP checking is done basically, 4 and 6 weeks later. Then, in second phase, Lataprost dosage is changed to once every other day at bed time. Finally IOP checking is accomplished 1,2,4,6,8 and 12 weeks later and data will be evaluated by SPSS-17 software.

General information

Acronym

IRCT registration information

IRCT registration number: **IRCT201108254166N4**
Registration date: **2011-12-03, 1390/09/12**
Registration timing: **registered_while_recruiting**

Last update:
Update count: **0**

Registration date

2011-12-03, 1390/09/12

Registrant information

Name
Rana Daei Sorkhabi
Name of organization / entity
Tabriz University of Medical Sciences
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Iran (Islamic Republic of)
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rana@tbzmed.ac.ir

Recruitment status

Recruitment complete

Funding source

Tabriz University of Medical Sciences

Expected recruitment start date

2011-04-30, 1390/02/10

Expected recruitment end date

2012-02-29, 1390/12/10

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

Intraocular pressure lowering effect of Lataprost eye drop with once every other day dosing

Public title

Intraocular pressure lowering effect of Lataprost eye drop with once every other day dosing

Purpose

Treatment

Inclusion/Exclusion criteria

Inclusion Criteria: 1. Administering eye drop Lataprost % one time at night 2. At least two prior IOP checking in recent month 3. Appropriate IOP control with present medications 4. No prior intraocular surgery Exclusion criteria: 1. Glaucoma surgery 2. Incomplete response to 2 antiglaucoma 3. Not possible to follow-up 4. Corneal problem that interferes with IOP checking 5. Ocular problem except cataract & glaucoma

Age

No age limit

Gender

Both

Phase

N/A

Groups that have been masked

No information

Sample size

Target sample size: **50**

Randomization (investigator's opinion)
N/A
Randomization description
Blinding (investigator's opinion)
Double blinded
Blinding description
Placebo
Not used
Assignment
Crossover
Other design features
Latanoprost is an IOP lowering agent belonges to prostaglandine analoges. The Iranian brand of this medication is Lataprost 0.005% which is administered once at night.

Secondary Ids

empty

Ethics committees

1

Ethics committee
Name of ethics committee
Ethics committee of Tabriz University of Medical Sciences
Street address
Golgasht St., Tabriz University of medical sciences
City
Tabriz
Postal code
Approval date
2011-04-11, 1390/01/22
Ethics committee reference number
5/4/1656

Health conditions studied

1

Description of health condition studied
Glaucoma
ICD-10 code
H40
ICD-10 code description
Glaucoma

Primary outcomes

1

Description
Intraocular Pressure
Timepoint
0, 1, 2, 4, 6, 8 and 12 weeks after
Method of measurement
Goldmann applanation

Secondary outcomes

empty

Intervention groups

1

Description
The design of this study is cross over ;in the 1st phase patients as case group receive the lataprost 0.005%with once daily dosage ;in the 2nd phase the same patients receive the drug with once every other day dose.
Category
Treatment - Drugs

Recruitment centers

1

Recruitment center
Name of recruitment center
Nikukari Eye Hospital
Full name of responsible person
Dr Sorkhabi
Street address
Abbasi St., Nikukai Hospital
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Tabriz

Sponsors / Funding sources

1

Sponsor
Name of organization / entity
Tabriz University of MedicalSciences
Full name of responsible person
Vice chancellor for research
Street address
Golgasht St., Tabriz University of Medical Sciences
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Tabriz
Grant name
Grant code / Reference number
Is the source of funding the same sponsor organization/entity?
Yes
Title of funding source
Tabriz University of MedicalSciences
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
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Person responsible for updating data

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Email
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