Clinical Trial Protocol
Iranian Registry of Clinical Trials

16 Sep 2026

Central Serous Chorioretinopathy risk factors and efficacy of Dorzolamid drop in treatment of patients who attended to ophthalmology clinic of Valiasr hospital of Birjand city in the years 2016_2018

Protocol summary

Study aim
Central Serous Chorioretinopathy risk factors and efficacy of Dorzolamid drop in treatment of patients who attended to ophthalmology clinic of Valiasr hospital of Birjand city from 1/1/2016 to 1/1/2018

Design
A concealed, randomized, blinded, controlled clinical trial.

Settings and conduct
All pateints that comes to ophtalmology clinic of Valiasr hospital that have definite diagnos of Central Serous Retinopathy. They will be divided to two groups that one of them received drop and another just observed, and anyone knows anythings about treatment.

Participants/Inclusion and exclusion criteria
All pateints that come to Valiasr hospital that have definite diagnos of Central Serous Retinopathy

Intervention groups
Pateints divided to two case and control groups for study the efficacy of Dorzolamid drop, that the first group received drop and second group obsereved.

Main outcome variables
Determining the risk factors of central serous retinopathy; efficacy of Dorzolamid drop.

General information

Reason for update

Acronym

IRCT registration information
IRCT registration number: **IRCT20180703040323N1**
Registration date: **2019-01-12, 1397/10/22**
Registration timing: **retrospective**

Last update: **2019-01-12, 1397/10/22**
Update count: **0**

Registration date
2019-01-12, 1397/10/22

Registrant information

Name
Reyhane Ebrahimi

Name of organization / entity

Country
Iran (Islamic Republic of)

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Recruitment status
Recruitment complete

Funding source

Expected recruitment start date
2015-12-22, 1394/10/01

Expected recruitment end date
2017-12-22, 1396/10/01

Actual recruitment start date
empty

Actual recruitment end date
empty

Trial completion date
empty

Scientific title
Central Serous Chorioretinopathy risk factors and efficacy of Dorzolamid drop in treatment of patients who attended to ophthalmology clinic of Valiasr hospital of Birjand city in the years 2016_2018

Public title
Central Serous Retinopathy risk factors and efficacy of Dorzolamid drop

Purpose
Diagnostic

Inclusion/Exclusion criteria

Inclusion criteria:
All patients that come to ophtalmology clinic of Valiasr hospital that have definite diagnose of Central Serous Retinopathy with imaging
Exclusion criteria:
Every kind of other Retinopathies

Age
No age limit

Gender
Both

Phase
2

Groups that have been masked

- Participant

Sample size
Target sample size: **60**
Actual sample size reached: **40**

Randomization (investigator's opinion)
Not randomized

Randomization description

Blinding (investigator's opinion)
Single blinded

Blinding description
All volunteers divided to two groups that first group received Dorzolamid drop and second group was observed.

Placebo
Not used

Assignment
Parallel

Other design features

Secondary Ids

empty

Ethics committees

1

Ethics committee
Name of ethics committee
Ethics committee of Birjand University of Medical Sciences
Street address
Ghaffari Ave., Birjand University of Medical Sciences
City
Birjand
Province
South Khorasan
Postal code
۹۷۱۷۸۵۳۵۷۷

Approval date
2017-09-12, 1396/06/21

Ethics committee reference number
IR.BUMS.REC.1396.142

Health conditions studied

1

Description of health condition studied
Central Serous Retinopathy

ICD-10 code
H35.71

ICD-10 code description
Central serous chorioretinopathy

Primary outcomes

1

Description
Visual Acuity and OCT

Timepoint
Three weeks

Method of measurement
Snellen chart and OCT

Secondary outcomes

empty

Intervention groups

1

Description
Intervention group: Dorzolamid drop 2% uses twice a day about 3 weeks.

Category
Treatment - Drugs

2

Description
Control group: follow up for about 3 weeks without anything.

Category
Other

Recruitment centers

1

Recruitment center
Name of recruitment center
Valiasr hospital
Full name of responsible person
Maryam Yazdani
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Ghaffari Blvd, Valiasr hospital
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Email

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Sponsors / Funding sources

1

Sponsor
Name of organization / entity
Birjand University of Medical Sciences
Full name of responsible person
Dr.Tooba Kazemi
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drtooba.kazemi@gmail.com
Grant name
Grant code / Reference number
Is the source of funding the same sponsor organization/entity?
Yes
Title of funding source
Birjand University of Medical Sciences
Proportion provided by this source
100
Public or private sector
Public
Domestic or foreign origin
Domestic
Category of foreign source of funding
empty
Country of origin
Type of organization providing the funding
Academic

Person responsible for general inquiries

Contact
Name of organization / entity
Birjand University of Medical Sciences
Full name of responsible person
Reyhane Ebrahimi
Position
student
Latest degree
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Other areas of specialty/work
Ophtalmology
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Sharing plan

Deidentified Individual Participant Data Set (IPD)

Undecided - It is not yet known if there will be a plan to make this available

Study Protocol

Undecided - It is not yet known if there will be a plan to make this available

Statistical Analysis Plan

Undecided - It is not yet known if there will be a plan to make this available

Informed Consent Form

Yes - There is a plan to make this available

Clinical Study Report

Yes - There is a plan to make this available

Analytic Code

Undecided - It is not yet known if there will be a plan to make this available

Data Dictionary

Undecided - It is not yet known if there will be a plan to make this available

Title and more details about the data/document

All of data can be published.

When the data will become available and for how long

start of access is six months after printing conclusions

To whom data/document is available

All people

Under which criteria data/document could be used

No permission

From where data/document is obtainable

r_Ebrahimi98@yahoo.com Reyhane Ebrahimi

What processes are involved for a request to access data/document

Sending an Email and answering in 2 weeks

Comments