

Clinical Trial Protocol

Iranian Registry of Clinical Trials

29 Jul 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

2019-01-12, 1397/10/22

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 patients that come to ophthalmology clinic of Valiasr hospital that have definite diagnosis of Central Serous Retinopathy. They will be divided to two groups that one of them received drop and another just observed, and anyone knows anything about treatment.

Participants/Inclusion and exclusion criteria

All patients that come to Valiasr hospital that have definite diagnosis of Central Serous Retinopathy

Intervention groups

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

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

Registrant information

Name

Reyhane Ebrahimi

Name of organization / entity

Country

Iran (Islamic Republic of)

Phone

+98 56 3240 1475

Email address

akhoundi_1358@bums.ac.ir

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

9717853577

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

Street address

Ghaffari Blvd, Valiasr hospital

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Phone

+98 56 3162 2201

Email

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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South Khorasan

Postal code

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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

Medical doctor

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