

Clinical Trial Protocol

Iranian Registry of Clinical Trials

11 Sep 2026

Finasteride effect as a treatment for chronic and recurrent central serous Chorioretinopathy(CSC)

Protocol summary

Summary

purpose:detremination of finasteride effect as a treatment for chronic and recurrent central serous retinopathy(CSC) in patients refer to Baghaeepour polyclinic ,Shaheed Sadoughi hospital study design:before-after,non-randomized,single-center,prospective, uncontrolled, unmasked sample: patients refer to Baghaeepour polyclinic ,Shahid Sadoughi hospital inclusion criteria:patients with chronic CSCR, which was defined in this study as 1) the presence of subretinal fluid, as determined by spectraldomain OCT;2)the subretinal fluid must have been present for at least 3 months or there was a recurrence of subretinal fluid in ipsilateral eye within the past 3 months. exclusion criteria:corticosteroid use,CNV or other ocular disease that disturb the study outcome,pregnant and nursery women sample size:30 intervention:finasteride tablet 5mg /daily up to 3 months outcome measurement:best corrected visual acuity, center-subfield thickness ,central subretinal fluid

Shahid Sadoughi University of Medical Science

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Iran (Islamic Republic of)

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Recruitment status

Recruitment complete

Funding source

Shahid Sadoughi University of Medical science

Expected recruitment start date

2013-08-23, 1392/06/01

Expected recruitment end date

2014-08-22, 1393/05/31

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

General information

Acronym

IRCT registration information

IRCT registration number: **IRCT2013083114530N1**

Registration date: **2014-01-31, 1392/11/11**

Registration timing: **registered_while_recruiting**

Last update:

Update count: **0**

Registration date

2014-01-31, 1392/11/11

Registrant information

Name

Tahere Rezaee

Name of organization / entity

Scientific title

Finasteride effect as a treatment for chronic and recurrent central serous Chorioretinopathy(CSC)

Public title

Finasteride effect as a treatment for spontaneous retinal edema

Purpose

Treatment

Inclusion/Exclusion criteria

Eligibility criteria:patients with chronic CSCR, which was defined in this study as 1) the presence of subretinal fluid, as determined by spectraldomain OCT;2)the subretinal fluid must have been present for at least 3 months or there was a recurrence of subretinal fluid in ipsilateral eye within the past 3 months. exclusion criteria:corticosteroid use,CNV or other ocular disease that disturb the study outcome,pregnant and nursery

women

Age
No age limit

Gender
Both

Phase
1-2

Groups that have been masked
No information

Sample size
Target sample size: **30**

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

Shahid Sadoughi University of Medical Science, Ethics Committee

Street address

Shahid Sadoughi University of Medical Science,
Hesabi prof. boulevard, Daneshjoo boulevard

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Yazd

Postal code

Approval date

2013-12-18, 1392/09/27

Ethics committee reference number

p/17/1/186945

Health conditions studied

1

Description of health condition studied

Central Serous Chorioretinopathy

ICD-10 code

H35.7

ICD-10 code description

Separation of retinal layers

Primary outcomes

1

Description

best corrected visual acuity

Timepoint

by the intervention initiation, 15 days, 1, 2 and 3 months
after intervention, 3 months after discontinuation of
intervention

Method of measurement

Snellen chart

2

Description

central macular thickness

Timepoint

by the intervention initiation, 15 days, 1, 2 and 3 months
after intervention, 3 months after discontinuation of
intervention

Method of measurement

spectral domain OCT

3

Description

subretinal fluid volume

Timepoint

by the intervention initiation, 15 days, 1, 2 and 3 months
after intervention, 3 months after discontinuation of
intervention

Method of measurement

spectral domain OCT

Secondary outcomes

1

Description

adverse effects (decreased libido, impotence, improper
ejaculation, postural hypotension, dizziness)

Timepoint

15 days, 1, 2 and 3 months after intervention

Method of measurement

patient history taking

Intervention groups

1

Description

finasteride 5 mg tablet, 1 tablet per day up to 3
months (intervention group) no control group

Category

Treatment - Drugs

Recruitment centers

1

Recruitment center

Name of recruitment center

Baghaee Pour clinic, Shahid Sadoughi hospital

Full name of responsible person

Tahere Rezaee

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Web page address**Person responsible for scientific inquiries****Contact****Name of organization / entity**

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Full name of responsible person

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Grant name**Grant code / Reference number****Is the source of funding the same sponsor organization/entity?**

Yes

Title of funding source

Shahid Sadoughi 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**

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Full name of responsible person

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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