

Clinical Trial Protocol

Iranian Registry of Clinical Trials

27 Jul 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

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

Shahid Sadoughi University of Medical Science

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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

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

City

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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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