Clinical Trial Protocol
Iranian Registry of Clinical Trials

22 Nov 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,3months 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,3months 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,3months 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
pation 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
Street address
Shahid Sadoughi hospital, Ebnesina boulevard, Safaeiye
City
Yazd

Sponsors / Funding sources

1

Sponsor
Name of organization / entity
Shahid Sadoughi University of Medical Science
Full name of responsible person
dr. Vakili
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Shahid Sadoughi University of Medical Science, Hesabi prof. boulevard, Daneshjoo boulevard,
City
Yazd
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

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Person responsible for updating data

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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