

Clinical Trial Protocol

Iranian Registry of Clinical Trials

31 Oct 2026

The Ocular Hypotensive Effect of Saffron Extract in Primary Open Angle Glaucoma: a Pilot Study

Protocol summary

Gonabad University of Medical Sciences

Summary

Open angle glaucoma patients under control with timolol and dorzolamide divided in two 15 person groups, first group will receive oral placebo daily , secound group will receive saffron capsules(30 mg) daily. intraocular pressure will be messured at first, 7th and 30th day and after one month wash out. If both eyes of one patient had glaucoma only one eye randomly will be entered in study. intraocular pressure values of these groups will be studied.

Expected recruitment start date

2012-02-22, 1390/12/03

Expected recruitment end date

2012-12-02, 1391/09/12

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

General information

Acronym

IRCT registration information

IRCT registration number: **IRCT201201278832N1**

Registration date: **2012-12-19, 1391/09/29**

Registration timing: **retrospective**

Last update:

Update count: **0**

Registration date

2012-12-19, 1391/09/29

Registrant information

Name

Mohammad Hossein Jabbarpoor Bonyadi

Name of organization / entity

Gonabad University Of Medical Sciences

Country

Iran (Islamic Republic of)

Phone

+98 53 3722 9012

Email address

drbonyadi@gmu.ac.ir

Recruitment status

Recruitment complete

Funding source

Scientific title

The Ocular Hypotensive Effect of Saffron Extract in Primary Open Angle Glaucoma: a Pilot Study

Public title

Evaluation of saffron effect on intraocular pressure in glaucoma patients

Purpose

Treatment

Inclusion/Exclusion criteria

inclusion criteria :open angle glaucoma; age >50

exclusioncriteria: angle closure glaucoma; systemic compounding medication

Age

From **50 years** old

Gender

Both

Phase

2

Groups that have been masked

No information

Sample size

Target sample size: **15**

Randomization (investigator's opinion)

Randomized

Randomization description

Blinding (investigator's opinion)

Double blinded

Blinding description

Placebo

Used

Assignment

Parallel

Other design features

Secondary Ids

empty

Ethics committees

1

Ethics committee

Name of ethics committee

Ethics committee of Gonabad University of Medical Sciences

Street address

Gonabad Medical University

City

Gonabad, Gadir square

Postal code

Approval date

2012-02-01, 1390/11/12

Ethics committee reference number

90/1

Health conditions studied

1

Description of health condition studied

primary open angle glaucoma

ICD-10 code

H40.1

ICD-10 code description

Primary open-angle glaucoma

Primary outcomes

1

Description

intraocular pressure

Timepoint

baseline, 7th, 21th and 28th day after 1 month wash-out

Method of measurement

goldmann tonometry

Secondary outcomes

empty

Intervention groups

1

Description

placebo capsule daily

Category

Treatment - Drugs

2

Description

saffron capsule daily(30 mg)

Category

Treatment - Drugs

Recruitment centers

1

Recruitment center

Name of recruitment center

22 Bahman Hospital

Full name of responsible person

Mohammad Hossein Jabbarpoor Bonyadi

Street address

Gonabad, Naser khosro Ave

City

Gonabad

Sponsors / Funding sources

1

Sponsor

Name of organization / entity

Gonabad University of Medical Sciences

Full name of responsible person

Mohammad Hossein Jabbarpoor Bonyadi

Street address

22 Bahman Hospital

City

Gonabad, Naser khosro avenue

Grant name

Grant code / Reference number

Is the source of funding the same sponsor organization/entity?

Yes

Title of funding source

Gonabad University of Medical Sciences

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

Gonabad University of Medical Sciences

Full name of responsible person

Mohammad Hossein Jabbarpoor Bonyadi

Position

ophthalmologist

Other areas of specialty/work**Street address**

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

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22 Bahman Hospital

City

Gonabad

Postal code**Phone**

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Fax**Email****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