

Clinical Trial Protocol

Iranian Registry of Clinical Trials

15 Jul 2026

Thesis Title: Investigating the effect of nurse -led telephone based follow-up on the participation rate of firstdegree relatives of elderly patients with glaucoma in screening program

Protocol summary

Study aim

Determining the effect of nurse telephone follow-up on the participation of primary family members of the elderly with glaucoma in the screening program

Design

The trial in the field of random trial field is in parallel on two control and test groups with 110 samples by quadruple random blocks method and with the guidance of methodology consultant and analysis with SPSS software.

Settings and conduct

The study site is Mahdkramat Ophthalmology Clinic in Semnan. Samples are selected from first-degree relatives 35 years and older of patients with glaucoma who have recently been diagnosed by an ophthalmologist

Participants/Inclusion and exclusion criteria

Inclusion criteria nclude: 1- First-degree relatives (parents, children, siblings) of the elderly referring to the eye clinic whose glaucoma has been confirmed by an ophthalmologist during the last three months 2. Have access to the telephone at home 3. At least one family member is 35 years old or older exclusion criteria nclude: 1- Not wanting to participate in the study 2. Impossibility of communication with the patient's family 3. The patient's family member is involved in other clinical studies of glaucoma screening

Intervention groups

The intervention group includes a relative of 35 years and older with glaucoma who is screened and encouraged to receive treatment by telephone and is finally trained.

Main outcome variables

Participation rate in glaucoma screening test

General information

Reason for update

Acronym

IRCT registration information

IRCT registration number: **IRCT20100811004548N2**

Registration date: **2022-02-02, 1400/11/13**

Registration timing: **registered_while_recruiting**

Last update: **2022-02-02, 1400/11/13**

Update count: **0**

Registration date

2022-02-02, 1400/11/13

Registrant information

Name

Nahid Hoshmand motlagh

Name of organization / entity

Semnan University of Medical Sciences

Country

Iran (Islamic Republic of)

Phone

+98 23 3105 2114

Email address

hoshmand@sem-ums.ac.ir

Recruitment status

Recruitment complete

Funding source

Expected recruitment start date

2022-01-10, 1400/10/20

Expected recruitment end date

2022-04-09, 1401/01/20

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty	
Scientific title	Thesis Title: Investigating the effect of nurse -led telephone based follow-up on the participation rate of firstdegree relatives of elderly patients with glaucoma in screening program
Public title	Thesis Title: Investigating the effect of nurse -led telephone based follow-up on the participation rate of firstdegree relatives of elderly patients with glaucoma in screening program
Purpose	Screening
Inclusion/Exclusion criteria	
Inclusion criteria:	First-degree relatives (parents, children, siblings) of regular clients of Mahde kramat Semnan Ophthalmology Clinic who have been diagnosed with glaucoma for the first time in the last three months Elderly glaucoma has recently been confirmed by a clinic ophthalmologist Be at least one first-degree family member 35 years of age or older Have access to the telephone at home
Exclusion criteria:	Oblivion of a patient with glaucoma and not remembering the phone number of any family member Participation of the patient's family member in other studiesClinical glaucoma screening Hearing and speech disorders cause problems for telephone interaction Has a history of mental, intellectual, forgetfulness problems and treated with sedatives,Hypnotic and psychoactive
Age	From 35 years old to 90 years old
Gender	Both
Phase	3
Groups that have been masked	No information
Sample size	Target sample size: 110
Randomization (investigator's opinion)	Randomized
Randomization description	A list of the number of first-degree high-risk individuals in each family and their contact numbers are prepared in order of identification time until the sample size is completed, and first-degree members of the patient's family are assigned to one of the two intervention or control groups. To ensure the equality of the number of people in the two groups, the list is prepared using the method of quadruple random block blocks and with the guidance of a methodology consultant.
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	Ethics Committee of Shahid Sadoughi University of Medical Sciences, Yazd
Street address	Shahid Sadoughi University of Medical Sciences, Central Building, Shahid Bahonar Boulevard, Yazd
City	Yazd
Province	Yazd
Postal code	۸۹۱۶۹۷۸۴۷۷
Approval date	2021-11-17, 1400/08/26
Ethics committee reference number	IR.SSU.REC.1400.163
Health conditions studied	
1	
Description of health condition studied	Glaucoma
ICD-10 code	H40.05
ICD-10 code description	Ocular hypertension
Primary outcomes	
1	
Description	Participate in the glaucoma screening test
Timepoint	Measurement will be at the beginning of the study and three months later
Method of measurement	questionnaire
Secondary outcomes	empty
Intervention groups	
1	
Description	Intervention group: First-degree relatives of an elderly person over 35 years of age with newly diagnosed glaucoma will be examined by telephone through a pre-arranged letter for three consecutive months.A

telephone call is once a month during which a needs assessment is performed and information and education is given about glaucoma and its treatment and prevention.

Category

Prevention

Recruitment centers

1

Recruitment center

Name of recruitment center

Mahde Keramat Charity

Full name of responsible person

Pouran Hooshmand Motlagh

Street address

NO. 16.Hakim Elahi Boulevard, Semnan

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Sponsors / Funding sources

1

Sponsor

Name of organization / entity

Yazd University of Medical Sciences

Full name of responsible person

Dr.Amir Houshang Mehrparvar

Street address

Shahid Sadoughi University of Medical Sciences,
Central Building, Shahid Bahonar Boulevard, Yazd

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Province

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ah.mehrparvar@gmail.com

Grant name

Grant code / Reference number

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

Yes

Title of funding source

Yazd 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

Semnan University of Medical Sciences

Full name of responsible person

Seyd Aliasghar Mosavi

Position

Research Associate in VHRC

Latest degree

Specialist

Other areas of specialty/work

Ophthalmology

Street address

No. 57, Arasteh Alley, Manzarieh

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Province

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Person responsible for scientific inquiries

Contact

Name of organization / entity

Yazd University of Medical Sciences

Full name of responsible person

Farahnaz Farnia

Position

Lecturer - Associate Professor

Latest degree

Ph.D.

Other areas of specialty/work

Nursery

Street address

School of Nursing and Midwifery, Bouali St.
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Province

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Person responsible for updating data

Contact

Name of organization / entity

Yazd University of Medical Sciences

Full name of responsible person

pouran hooshmand motlagh

Position

Masters student

Latest degree

Bachelor

Other areas of specialty/work

Nursery

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Web page address

Sharing plan

Deidentified Individual Participant Data Set (IPD)

Yes - There is a plan to make this available

Study Protocol

Yes - There is a plan to make this available

Statistical Analysis Plan

Yes - There is 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

Yes - There is a plan to make this available

Data Dictionary

Yes - There is a plan to make this available

Title and more details about the data/document

The results of the screening questionnaire of first-degree relatives of elderly patients with glaucoma will be statistically analyzed and reported after non-identification of individuals.

When the data will become available and for how long

The access period will start six months after the results are published.

To whom data/document is available

Access to the data of this study is free.

Under which criteria data/document could be used

Studying the documents and using the questionnaire and data obtained from the study is free

From where data/document is obtainable

Corresponding author: Farahnaz Farnia, PhD; Research Center for Nursing and Midwifery Care, Nursing-Midwifery School of Shahid Sadoughi University, Boali St, Safaeye, Postal code 8916877391, Yazd, Iran Tel: +98 35 38245777; Fax: +98 351 8249705; Email: far.farnia@yahoo.com

What processes are involved for a request to access data/document

The applicant can receive the documents after sending the application by email and also by phone and coordination.

Comments