

Clinical Trial Protocol

Iranian Registry of Clinical Trials

18 Jun 2026

The effect of Collaborative Care Model on quality of life and functional vision in adolescents with glaucoma

Protocol summary

Study aim

Impact of collaborative care model on quality of life in adolescents with glaucoma

Design

A randomized clinical trial in 60 adolescents with glaucoma

Settings and conduct

The research units were selected from among the adolescents with glaucoma who referred to the glaucoma clinic of Khatam-ol-Anbia Ophthalmology Hospital and randomly assigned to the experimental and control groups.

Participants/Inclusion and exclusion criteria

Having an age of 18 to 12 years old, having glaucoma according to the diagnosis of a doctor and not having a known mental disorder

Intervention groups

Intervention: Application of collaborative care model
Control: 15 minutes oral and pamphlet training

Main outcome variables

Quality of life; functional vision

General information

Reason for update

Acronym

IRCT registration information

IRCT registration number: **IRCT20180816040812N1**

Registration date: **2018-10-24, 1397/08/02**

Registration timing: **registered_while_recruiting**

Last update: **2018-10-24, 1397/08/02**

Update count: **0**

Registration date

2018-10-24, 1397/08/02

Registrant information

Name

Monir Sedaghat

Name of organization / entity

Country

Iran (Islamic Republic of)

Phone

+98 51 3728 1401

Email address

sedaghatm1@mums.ac.ir

Recruitment status

Recruitment complete

Funding source

Expected recruitment start date

2018-10-23, 1397/08/01

Expected recruitment end date

2018-12-22, 1397/10/01

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

The effect of Collaborative Care Model on quality of life and functional vision in adolescents with glaucoma

Public title

The effect of Collaborative Care Model on quality of life and functional vision in adolescents with glaucoma

Purpose

Education/Guidance

Inclusion/Exclusion criteria

Inclusion criteria:

adolescents with glaucoma

Exclusion criteria:

Known mental disorder

Age

From **12 years** old to **18 years** old

Gender

Both

Phase
N/A

Groups that have been masked
No information

Sample size
Target sample size: 60

Randomization (investigator's opinion)
Randomized

Randomization description
Statistical software

Blinding (investigator's opinion)
Not blinded

Blinding description

Placebo
Not used

Assignment
Other

Other design features

Secondary Ids

empty

Ethics committees

1

Ethics committee

Name of ethics committee

The Ethics Committee of Mashhad University of Medical Sciences

Street address

Ibn Sina street, Doctora Intersection

City

Mashhad

Province

Razavi Khorasan

Postal code

9137913199

Approval date

2018-07-01, 1397/04/10

Ethics committee reference number

IR.MUMS.REC.1397.104

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

Functional vision

Timepoint

At the beginning of the study and one month after the intervention

Method of measurement

Visual Functional Inventory

2

Description

Quality of life

Timepoint

At the beginning of the study and one month after the intervention

Method of measurement

Quality of Life Questionnaire

Secondary outcomes

empty

Intervention groups

1

Description

Intervention group: collaborative care model includes the following steps: Step 1: Motivate. Step 2: Preparing and grouping people. Step 3: Involve in 4 sessions within a week. 4: Evaluation at the beginning and end of each session in question and answer And the final evaluation one month after the intervention.

Category

Other

2

Description

Control group: 15 minutes oral and pamphlet training

Category

Other

Recruitment centers

1

Recruitment center

Name of recruitment center

Khatam Alanbia Hospital

Full name of responsible person

Monir Ramezani

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Sponsors / Funding sources

1

Sponsor

Name of organization / entity

Mashhad University of Medical Sciences

Full name of responsible person

Mohsen Tafaghodi

Street address

in front of No. 18, Daneshghah Street, Daneshghah Street

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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

Mashhad 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

Mashhad University of Medical Sciences

Full name of responsible person

Monir Ramezani

Position

Assistant Professor

Latest degree

Ph.D.

Other areas of specialty/work

Nursery

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Person responsible for updating data

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Email

Sharing plan

Deidentified Individual Participant Data Set (IPD)

Undecided - It is not yet known if there will be a plan to make this available

Study Protocol

Undecided - It is not yet known if there will be a plan to make this available

Statistical Analysis Plan

Undecided - It is not yet known if there will be a plan to

make this available

Informed Consent Form

Undecided - It is not yet known if there will be a plan to make this available

Clinical Study Report

Undecided - It is not yet known if there will be a plan to make this available

Analytic Code

Undecided - It is not yet known if there will be a plan to make this available

Data Dictionary

Not applicable