

Clinical Trial Protocol

Iranian Registry of Clinical Trials

04 Jul 2026

Examining the effect of education on anxiety and self-efficacy in mothers of 1-3-year-old children under glaucoma surgery

Protocol summary

Summary

Objectives: Determining the effect of education on anxiety and self-efficacy in mothers of 1-3-year-old children under glaucoma surgery. Design: Randomized clinical trial. Setting and conduct: This study is conducted on 60 mothers of 1-3-year-old children admitted in the pediatric eye surgery department at Shiraz Khalili Hospital who are eligible for the study. Subjects are first selected through purposive sampling method to achieve the desired sample size, and then they are divided in to two experimental (n = 30) and control groups (n = 30) using simple randomized sampling allocation, through RA software. Educational interventions are held for the experimental group during two training sessions, with one week interval, regarding the illness, recovery process and necessary post-surgery care for children. There are no interventions for the control group. The level of anxiety and self-efficacy in the mothers is measured by having them fill out the Spielberger state-trait anxiety inventory questionnaire and the Sherer self-efficacy questionnaire during the admission and after the surgery by the two experimental and control groups and the results are compared together. The inclusion criteria: No history of hospitalization in the child; the patient being the first child in the family; no mental problem in the mothers; no record of mother's participation in the respective courses. The exclusion criteria: The mother's unwillingness to cooperate in the study. The main outcome measures (variables): mother's anxiety and self-efficacy

General information

Acronym

IRCT registration information

IRCT registration number: **IRCT201704032432N4**

Registration date: **2017-07-12, 1396/04/21**

Registration timing: **retrospective**

Last update:

Update count: **0**

Registration date

2017-07-12, 1396/04/21

Registrant information

Name

Azadeh Amiri

Name of organization / entity

Shiraz University Medical Sciences

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Recruitment status

Recruitment complete

Funding source

Vice chancellor for research, Shiraz University of Medical Sciences

Expected recruitment start date

2017-02-19, 1395/12/01

Expected recruitment end date

2017-06-22, 1396/04/01

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

Examining the effect of education on anxiety and self-efficacy in mothers of 1-3-year-old children under glaucoma surgery

Public title

The impact of education on anxiety and self-efficacy in mothers of children under glaucoma surgery

Purpose

Supportive

Inclusion/Exclusion criteria

Inclusion Criteria: No history of hospitalization in the child; the patient being the first child in the family; no mental problem in the mothers; and no record of mother's participation in the respective courses.

Exclusion Criteria: Mother's unwillingness to cooperate in the study.

Age

No age limit

Gender

Female

Phase

2-3

Groups that have been masked

No information

Sample size

Target sample size: 60

Randomization (investigator's opinion)

Randomized

Randomization description

Blinding (investigator's opinion)

Not blinded

Blinding description

Placebo

Not used

Assignment

Parallel

Other design features

Secondary Ids

empty

Ethics committees

1

Ethics committee

Name of ethics committee

Ethics committee of Shiraz University of Medical Sciences

Street address

Shiraz University of Medical Sciences, Zand Street, Shiraz

City

Shiraz

Postal code

Approval date

2017-05-02, 1396/02/12

Ethics committee reference number

IR.SUMS.REC.1396.17

Health conditions studied

1

Description of health condition studied

Glaucoma

ICD-10 code

Q15.0

ICD-10 code description

Congenital glaucoma

2

Description of health condition studied

Anxiety

ICD-10 code

F41.1

ICD-10 code description

Generalized anxiety disorder

Primary outcomes

1

Description

Anxiety

Timepoint

Before intervention during admission and after intervention following surgery

Method of measurement

Spielberger state-trait anxiety inventory questionnaire

Secondary outcomes

1

Description

Self-efficacy

Timepoint

Before intervention during admission and after intervention following surgery

Method of measurement

Sherer self-efficacy questionnaire

Intervention groups

1

Description

The control group receives routine care.

Category

Other

2

Description

In the intervention group, educational interventions are held during two training sessions regarding the illness, recovery process and necessary post-surgery care for children.

Category

Other

Recruitment centers

1

Recruitment center

Name of recruitment center

Khalili Hospital affiliated to Shiraz University of
Medical Sciences, Shiraz, Iran

Full name of responsible person

Azadeh Amiri

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Namazi Square, Zand Street, Shiraz

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Web page address**Sponsors / Funding sources****1****Sponsor****Name of organization / entity**

Vice chancellor for research, Shiraz University of
Medical Sciences

Full name of responsible person

Dr. Seyed Basir Hashemi

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Shiraz University of Medical Sciences, Zand Street,
Shiraz

City

Shiraz

Grant name**Grant code / Reference number****Is the source of funding the same sponsor organization/entity?**

Yes

Title of funding source

Vice chancellor for research, Shiraz 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**

School of Nursing and Midwifery, Shiraz University of
Medical Sciences

Full name of responsible person

Azadeh Amiri

Position

Master of Science In Nursing, Faculty member of
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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