Clinical Trial Protocol
Iranian Registry of Clinical Trials

18 Sep 2026

The influence of education on anxiety and self-efficacy in mothers of children with surgery

Protocol summary

Study aim

Determining the effect of education on the anxiety and self-efficacy of mothers of pediatric patients with surgery

Design

In this study, 60 mothers who were surgically and randomly selected to enter the study were divided into two intervention and control groups and each participant was assigned a code.

Settings and conduct

The researcher explained the research objectives to the mothers of surgical children referring to Taleghani Hospital in Gorgan and a pre-test questionnaire for both groups. Then she was given control in the routine training group during admission and admission and before surgery. However, in the test group, along with routine tests, trained and scheduled training is provided for 10 to 15 minutes in each section. The questionnaires will be completed again before entering the operating room.

Participants/Inclusion and exclusion criteria

Criteria for entering this study (mothers who have undergone surgery for their first child Lack of history of abortion, ability to speak and understand Persian, ability to take care of oneself and child, lack of physical and psychological illness, reading and writing literacy and the child undergoing general surgery) and mothers whose children have Physical and psychological problems such as mental retardation, cerebral palsy and congenital defects were excluded from this study.

Intervention groups

Educating cognitive strategies for eliminating neurotic stress, overcoming anxiety, reducing anxiety and making peace and improving the efficiency of mothers of surgical children since the patient's arrival to the clinic and establishing a child's surgery that fully educates the careers before, during and after The child's practice involves answering questions and removing ambiguities for mothers

Main outcome variables

The amount of stress; the ability of mothers to manage stress; child care

General information

Reason for update

Acronym

IRCT registration information

IRCT registration number: **IRCT20170512033932N1**
Registration date: **2018-01-05, 1396/10/15**
Registration timing: **retrospective**

Last update: **2018-01-05, 1396/10/15**
Update count: **0**

Registration date

2018-01-05, 1396/10/15

Registrant information

Name

Hosein Motahariniya

Name of organization / entity

Country

Iran (Islamic Republic of)

Phone

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Email address

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Recruitment status

Recruitment complete

Funding source

Expected recruitment start date

2017-06-22, 1396/04/01

Expected recruitment end date

2017-09-22, 1396/06/31

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date
empty

Scientific title
The influence of education on anxiety and self-efficacy in mothers of children with surgery

Public title
The influence of education on anxiety and self-efficacy in mothers of children with surgery
Purpose
Supportive
Inclusion/Exclusion criteria
Inclusion criteria:
Mothers who used surgery for the first time in their child
Exclusion criteria:
A history of abortion Has a lack of speech and understanding of Persian language Inability to take care of yourself and the child Physical and mental illness Illiteracy, reading and writing, and having a child undergoing general surgery)Mothers whose children had physical and psychological problems (mental retardation, cerebral palsy, and congenital chronic defects)
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
A simple randomization is done with sealed envelope tools in such a way that the envelopes are written in letters A and B, and the mothers are asked to select an envelope that the group A of the intervention group and the B group will be tested.
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
کمیته اخلاق در پژوهش های زیست پزشکی دانشگاه آزاد واحد چالوس
Street address
چالوس دانشگاه آزاد اسلامی واحد چالوس
City
Chalus
Province
Mazandaran
Postal code
46691-46611
Approval date
2017-08-23, 1396/06/01
Ethics committee reference number
IR.IAU.CHALUS.REC.1395.29

Health conditions studied

1

Description of health condition studied
Anxiety
ICD-10 code
F41.9
ICD-10 code description
F41.9

Primary outcomes

1

Description
Anxiety Scale from the Spielberger Anxiety Inventory
Timepoint
Before the intervention begins and after intervention(STAI)
Method of measurement
Based on total score of anxiety

2

Description
Self-efficacy scores from the Dumika questionnaire(PSAM)
Timepoint
Before the intervention begins and after intervention
Method of measurement
Based on total score of self-efficacy

Secondary outcomes

empty

Intervention groups

1

Description
Intervention group: The training is done in eight sections based on the following: the type of disease and type of surgery that will be performed on the child. Familiarization and information about the facilities and personnel providing the facility to the patient and family. Pre-post and post-surgery photographs and examples of

similar surgical procedures. Adoption and preparation of the child before surgery, including fasting and feeding, cleaning the surgical site, having routine tests, operating time, satisfaction The practice and the list of possible medications and child allergies, as well as the introduction of the head nurse and the department staff and rotia This section introduces the personnel and nurse of the department, interventions and nursing practices that are implemented during the hospitalization, how to admit to the surgery department and to carry out sterilization and serum therapy, and receive prescription drugs and antibiotics, the presentation of a pamphlet about the disease, coordinating with the operating room in the presence of the mother, answering the mother's questions about the time and procedure, attending the mother at the time of the child's admission in the operating room, familiarizing the mother with the surgery team and the anesthetist on the duration of the operation, encouraging the mother to express her feelings, Postoperative postoperative postoperative pain training, postoperative pain control, surgical warnings, diet, mobility, and f Child's excellence, timing of discharge and educational explanations, and answering mothers' questions. Presenting pamphlets on training, post-clearance training, follow-up and post-visit follow-up, and how to use medications

Category

Behavior

2

Description

Control group: In the control group, routine training is given during admission and admission and before surgery

Category

Behavior

Recruitment centers

1

Recruitment center

Name of recruitment center

Children's Hospital Taleghani , Gorgan Golestan

Full name of responsible person

Hosein Motaharinya

Street address

Janbazan Ave., Children's Hospital Taleghani

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Golestan

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Sponsors / Funding sources

1

Sponsor

Name of organization / entity

Islamic Azad University

Full name of responsible person

Mr. Ruholah Samiei

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Daneshgaha Ave.,Azad Univercity Aliabad

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Aliabad

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Web page address

Grant name

-

Grant code / Reference number

-

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

Yes

Title of funding source

Islamic Azad University

Proportion provided by this source

100

Public or private sector

Private

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

Islamic Azad University

Full name of responsible person

Hosein Motahari Niya

Position

MSC Student of pediatric nursing

Latest degree

Master

Other areas of specialty/work

Nursery

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