

Clinical Trial Protocol

Iranian Registry of Clinical Trials

31 Jul 2026

Investigating the effect of combined education on the knowledge and care performance of parents having a child with idiopathic thrombocytopenic purpura

Protocol summary

Study aim

Determine the effect of combined education on the knowledge and care performance of parents having a child with idiopathic thrombocytopenic purpura

Design

The clinical trial has a control group, with parallel groups, the samples will be randomly divided into two groups (N=36 test) and (N=36 control) using a block of 4 method (using the table related to random permutation blocks). There is no blinding.

Settings and conduct

After approving the research and obtaining permission from Jundi Shapur University of Ahvaz and Shafa and Bagai 2 hospitals, the researcher will start random sampling and will explain the confidentiality by presenting a letter of introduction regarding the objectives of the study. In this research, the samples will be selected based on the criteria for entering the study and the samples will be randomly divided into two groups of intervention and control and two groups of demographic questionnaires, measuring knowledge and care performance. It will be performed in 6 sessions of 45 minutes (one session per week).

Participants/Inclusion and exclusion criteria

The age of the child is 2 to 8 years At least 6 months have passed since the diagnosis of the child's illness not having a history of uncontrolled underlying diseases; having a child with chronic idiopathic thrombocytopenic purpura ; parents have the ability to receive education; Lack of parents' participation in the previous class; parents' ability to answer questions and conditions of non-entry; Age less than 2 more than 8 years and not mastering Persian language

Intervention groups

For the intervention group, a combination of face-to-face training and educational video screening will be conducted during 6 sessions of 45 minutes, one session

per week. Training is not done.

Main outcome variables

knowledge of parents ,care performance of parents

General information

Reason for update

Acronym

IRCT registration information

IRCT registration number: **IRCT20221018056228N1**

Registration date: **2023-01-07, 1401/10/17**

Registration timing: **prospective**

Last update: **2023-01-07, 1401/10/17**

Update count: **0**

Registration date

2023-01-07, 1401/10/17

Registrant information

Name

Ashrafalsadat Hakim

Name of organization / entity

Country

Iran (Islamic Republic of)

Phone

+98 61 3375 0412

Email address

mehdiafshari7300@gmail.com

Recruitment status

Recruitment complete

Funding source

Expected recruitment start date

2023-01-10, 1401/10/20

Expected recruitment end date

2023-02-09, 1401/11/20

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

Investigating the effect of combined education on the knowledge and care performance of parents having a child with idiopathic thrombocytopenic purpura

Public title

Investigating the effect of combined education on the knowledge and care performance of parents having a child with idiopathic thrombocytopenic purpura

Purpose

Education/Guidance

Inclusion/Exclusion criteria**Inclusion criteria:**

Child age 2-8 years At least 6 months have passed since the diagnosis of the child's illness. Not having a history of uncontrolled underlying diseases. Having a child with chronic idiopathic thrombocytopenic purpura Parents have the ability to receive education (at least elementary literacy level). Lack of parents' participation in previous classes Parents' ability to answer questionnaire questions

Exclusion criteria:

Age less than 2 and more than 8 years Lack of proficiency in Persian language

AgeFrom **2 years** old to **8 years** old**Gender**

Both

Phase

N/A

Groups that have been masked*No information***Sample size**Target sample size: **72****Randomization (investigator's opinion)**

Randomized

Randomization description

Random assignment of the research sample to intervention and control groups will be done based on permutation blocks of four (using the table related to random permutation blocks). In this method, the number of people assigned to each group is almost equal. In this method, blocks are formed based on the desired variables and within each block, half of the intervention people and half of the control people are included, the main goal in this method is to balance the number of participants in each of the groups.

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 Ahvaz Jundishapur University of Medical Sciences

Street address

Ahvaz Jundishapur University of Medical Sciences, Golestan St, Ahvaz

City

Ahvaz

Province

Khuzestan

Postal code

15794 - 61357

Approval date

2022-10-08, 1401/07/16

Ethics committee reference number

IR.AJUMS.REC.1401.291

Health conditions studied**1****Description of health condition studied**

Idiopathic Thrombocytopenic Purpura

ICD-10 code

D69.3

ICD-10 code description

Purpura and other haemorrhagic conditions

Primary outcomes**1****Description**

The amount of knowledge and care performance of parents with a child with idiopathic thrombocytopenic purpura

Timepoint

Before the start of the intervention and one month after the intervention

Method of measurement

Researcher-made questionnaire (measurement of knowledge and care performance)

Secondary outcomes

empty

Intervention groups**1****Description**

Intervention group: combined training (face-to-face and

educational video showing) will be approved by the relevant doctor, and will be conducted by the researcher in 6 sessions of 45 minutes (one session per week). In order to apply the combined educational method, first the initial explanations will be provided to the parents in the form of face-to-face training and then the training video will be shown to the participants.

Category

Prevention

2

Description

Control group: No educational intervention will be done, but in order to comply with ethical considerations, after analyzing the results, the educational pamphlet will be delivered to the control group.

Category

Prevention

Recruitment centers

1

Recruitment center

Name of recruitment center

Baqaei 2 Hospital

Full name of responsible person

Ashrafalsadat Hakim

Street address

Baqaei 2 Hospital, Pardis Blvd, Ahvaz

City

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Khouzestan

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Phone

+98 61 3375 0412

Email

hakim3448200@yahoo.com

2

Recruitment center

Name of recruitment center

Shafa Hospital

Full name of responsible person

Ashrafalsadat Hakim

Street address

Shafa Hospital, Golestan St, Ahvaz

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Email

hakim3448200@yahoo.com

Sponsors / Funding sources

1

Sponsor

Name of organization / entity

Ahvaz University of Medical Sciences

Full name of responsible person

Vice President of Research and Technology of Ahvaz University of Medical Sciences

Street address

Ahvaz Jundishapur University of Medical Sciences, Golestan St, Ahvaz

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itc@ajums.ac.ir

Grant name

Grant code / Reference number

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

Yes

Title of funding source

Ahvaz 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

Ahvaz University of Medical Sciences

Full name of responsible person

Ashrafalsadat Hakim

Position

Assistant professor

Latest degree

Master

Other areas of specialty/work

Pediatrics, Management

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Person responsible for scientific inquiries

Contact

Name of organization / entity
Ahvaz University of Medical Sciences
Full name of responsible person
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Position
Assistant professor
Latest degree
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Other areas of specialty/work
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Person responsible for updating data

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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