

Clinical Trial Protocol

Iranian Registry of Clinical Trials

01 Jul 2026

The Effect of Teamwork Education Program on the Knowledge; Attitude and Parents Practice care of Children with Diabetes: a controlled Randomized clinical trial

The Effect of Teamwork Education Program on the Knowledge; Attitude and Parents Practice care of Children with Diabetes: a Control Randomized controlled clinical trial

Protocol summary

Summary

The aims of current trial are to analyze the effect of team training program on parents' knowledge, attitude and performance of children with diabetic type I. Sixty parents (30 in each group) of type 1diabetic children with the inclusion criteria (the child with 6-12-year-old, not suffering from another chronic disease except type 1 diabetes, neither the child nor the parents infected with another psychological disease ,the parents' being literate,...) will be selected and randomly allocated into two groups: control (routine training) and intervention (team training). The exclusion criteria are: the parents not keeping cooperation in the study period, health care team being in the child's family and being absent more than one session in the training sessions. On the onset of the study, the parents' knowledge, attitude and performance score and the children's venous blood sample for determining HbA1C will be measured. The interventions for everyone will be held randomly according to the hospital routine training or team training based. In the intervention group, 5 team training sessions will be held by the trainer team (the pediatric endocrinologists, endocrinology ward nurse and nutritionist of the hospital) for each 5-diabetic child group with their parents. In the control group, routine ward training will be provided with an identical content. One and three month(s) after the training sessions, once parents' knowledge, attitude and performance questionnaires will be completed and the mean scores will be compared. Three months later, again the children's HbA1C will be measured and the variations will be compared.

General information

Acronym

IRCT registration information

IRCT registration number: **IRCT201607314613N20**

Registration date: **2016-09-06, 1395/06/16**

Registration timing: **prospective**

Last update:

Update count: **0**

Registration date

2016-09-06, 1395/06/16

Registrant information

Name

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Name of organization / entity

Tabriz University of Medical Sciences

Country

Iran (Islamic Republic of)

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Recruitment status

Recruitment complete

Funding source

Deputy for Research, Tabriz University of Medical Sciences

Expected recruitment start date

2016-09-20, 1395/06/30

Expected recruitment end date

2016-12-20, 1395/09/30

Actual recruitment start date

empty
Actual recruitment end date
empty
Trial completion date
empty

Scientific title
The Effect of Teamwork Education Program on the Knowledge; Attitude and Parents Practice care of Children with Diabetes: a controlled Randomized clinical trial
The Effect of Teamwork Education Program on the Knowledge; Attitude and Parents Practice care of Children with Diabetes: a Control Randomized controlled clinical trial

Public title
The Effect of Teamwork Education Program on the Knowledge; Attitude and Parents Practice care of Children with Diabetes: a controlled Randomized clinical trial

Purpose
Supportive

Inclusion/Exclusion criteria
the inclusion criteria:the child not suffering from another chronic disease except type 1 diabetes, neither the child nor the parents infected with another psychological disease ,the parents' being literate,.... The exclusion criteria are: the parents not keeping cooperation in the study period, health care team being in the child's family and being absent more than one session in the training sessions.

Age
From **6 years** old to **12 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

Blinding (investigator's opinion)
Single blinded

Blinding description

Placebo
Not used

Assignment
Parallel

Other design features

Secondary Ids

empty

Ethics committees

1
Ethics committee

Name of ethics committee
Tabriz University of Medical Sciences
Street address
Address Pediatric Department of Nursing And Midwifery Faculty
City
TABRIZ
Postal code
51668-44199
Approval date
2016-07-04, 1395/04/14
Ethics committee reference number
R.TBZMED.REC.1395.295

Health conditions studied

1
Description of health condition studied
Insulin-dependent diabetes mellitus
ICD-10 code
E10 Insuli
ICD-10 code description
E10 Insulin-dependent diabetes mellitus

Primary outcomes

1
Description
knowlege
Timepoint
Before and one month after the intervention
Method of measurement
Questionnaire

2
Description
Practice
Timepoint
Before and one month after the intervention.
Method of measurement
Questionnaire

3
Description
Attitude
Timepoint
Before and one month after the intervention.
Method of measurement
Questionnaire

Secondary outcomes

1
Description
HbA1C
Timepoint
Before and three month after the intervention.

Method of measurement

Taking Blood Sample

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

The intervention group 1: team training will be carried out by the trainer group (including the pediatric endocrinologists, endocrinology ward nurse and nutritionist of the hospital) for each group consisting of 5 diabetic children along with their parents ,which is made up of 30-45 m session .Training will be in the form of lecture, group debate and question-answer.

Category

Behavior

2**Description**

The control group: routine training applying the identical content performed for diabetic sufferers in the hospital, that is, for each diabetic child along with their parents covering five 30-45 m training sessions. Training will be done as lecture, team debate and question-answer. Other treatment interventions

Category

Treatment - Drugs

Recruitment centers**1****Recruitment center****Name of recruitment center**

17 Sharivar hospeital

Full name of responsible person

Tahereh Hassanpour

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Rasht

Sponsors / Funding sources**1****Sponsor****Name of organization / entity**

Vice chancellor for Research of Tabriz University of Medical Sciences

Full name of responsible person

Dr. Mohammad Reza Rashidi

Street address

Deputy of Research and Technology, Tabriz University of Medical Sciences ,Golgashst street

City

Tabriz

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 of Tabriz 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**

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Position

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Position

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Full name of responsible person

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Other areas of specialty/work

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City

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Postal code

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