

Clinical Trial Protocol

Iranian Registry of Clinical Trials

17 Sep 2026

Effect Compare of e-learning and Routine self-care on self concept of adolescents with diabetes referred to the Iranian Diabetes Society in 1390

Protocol summary

Summary

This is a clinical trial that investigate the effect of e-learning self-care on self concept of adolescents with diabetes referred to the Iranian Diabetes Society in 1390. The study sample included 80 adolescents aged 11-19 with diabetes referred to the Diabetes Association of Iran having entry criteria They have no other chronic illness such as asthma; epilepsy; mental retardation; severe mental disorders; learning and memory disorders; and any disorders that interfere with patient cooperation; Adolescents not participate in similar research. Unwillingness to continue participation in intervention research; Changes in the course of the disease condition (hospitalization) Were excluded. Getting written consent were enrolled. The control group received routine education according to Iranian Diabetes Society program for 15 hours. Experience group received e-learning self care education beside routine education. To review the effectiveness of education on adolescent self concept, last level of blood sugar have assessed. Also, self concept of them were measured by Piers Harris questionnaire and compared.

General information

Acronym

IRCT registration information

IRCT registration number: **IRCT201104246274N1**
Registration date: **2011-06-18, 1390/03/28**
Registration timing: **retrospective**

Last update:

Update count: **0**

Registration date

2011-06-18, 1390/03/28

Registrant information

Name

Maryam Rahmati

Name of organization / entity

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Recruitment status

Recruitment complete

Funding source

Tehran University of Medical Sciences

Expected recruitment start date

2010-12-13, 1389/09/22

Expected recruitment end date

2011-04-19, 1390/01/30

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

Effect Compare of e-learning and Routine self-care on self concept of adolescents with diabetes referred to the Iranian Diabetes Society in 1390

Public title

Effect of e-learning self-care on self concept of adolescents with diabetes referred to the Iranian Diabetes Society in 1390

Purpose

Supportive

Inclusion/Exclusion criteria

Inclusion criteria: They have no other chronic illness such

as asthma; epilepsy; mental retardation; severe mental disorders; learning and memory disorders; and any disorders that interfere with patient cooperation; Adolescents not participate in similar research; Have minimum education level of reading and writing; Have definite diagnosis of diabetes and at least six months history of diagnosis; Have 11-19 years old; accessible to CD or DVD player and how to use it by the individual or family is possible; Accept their disease and not deny it. Exclusion criteria: Unwillingness to continue participation in intervention research; Changes in the course of the disease condition (hospitalization).

Age

From **11 years** old to **19 years** old

Gender

Both

Phase

2-3

Groups that have been masked

No information

Sample size

Target sample size: **80**

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

Ethical Review Committee of Tehran University of Medical Sciences

Street address

Keshavarz BLD, Ghods street, Central building of Tehran University of Medical Sciences, 6th floor

City

Tehran

Postal code

Approval date

2010-12-12, 1389/09/21

Ethics committee reference number

1121/130/89/3

Health conditions studied

1

Description of health condition studied

Diabetes type 1

ICD-10 code

E10

ICD-10 code description

Insulin-dependent diabetes mellitus

Primary outcomes

1

Description

self concept: Imagine a person with his own deliberate

Timepoint

before and 4 weeks after intervention

Method of measurement

piers hariss questionnaire

Secondary outcomes

empty

Intervention groups

1

Description

experience group also received routine education and e-learning self care education that designed by researcher for 4 weeks and after 4 week self concept questionnaire were completed.

Category

Other

2

Description

Control group received routine education according to Diabetes Association program for 15-hours

Category

Other

Recruitment centers

1

Recruitment center

Name of recruitment center

Iranian Diabetes Association

Full name of responsible person

Mr. Rezaei

Street address

No. 27, Ramin malekoti st, patris lomomba st, satarkhan st.

City

Tehran

2

Recruitment center

Name of recruitment center
Rajab's Doctor Office
Full name of responsible person
Miss Taleghani
Street address
No 10. fereshteh st. satarkhan st. touhid squire.
City
Tehran

Sponsors / Funding sources

1

Sponsor

Name of organization / entity
Vice Chancellor for Research, Tehran University of Medical Sciences
Full name of responsible person
Abbas Hoshmand Behabadi
Street address
Nosrat ST.Tohid SQ, Faculty of Nursing and Midwifery
City
Tehran

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, Tehran 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
Tehran University of Medical Sciences
Full name of responsible person
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Person responsible for scientific inquiries

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Person responsible for updating data

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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

