

Clinical Trial Protocol

Iranian Registry of Clinical Trials

18 Sep 2026

Comparing the effect of educational film with the routine education about blood glucose controlling in type 2 diabetic patients

Protocol summary

Summary

This study is an experimental study that it will conduct with the purpose to compare the effects of an educational film with routine training on blood glucose control among type 2 diabetic patients in Hamadan. Methods: 120 type 2 diabetes patients will be selected with convenience sampling method and then will be divided randomly into two groups of 60 intervention and control Inclusion criteria: Type 2 diabetic patients that referred to the Hamadan diabetes center; Volunteered to participate in the study; History of type 2 diabetes two years ago; Exclusion criteria: absence in movie section; Not complete the questionnaire Routine training to the control group and the experimental group training through educational film with question and answer will be done. Pre and post-intervention data on demographics, knowledge, perceived susceptibility, perceived severity, perceived benefits, perceived barriers and cues to action will collect by questionnaire and practice will be measured by using HbA1C test indicators

General information

Acronym

IRCT registration information

IRCT registration number: **IRCT2013121515797N1**

Registration date: **2014-03-03, 1392/12/12**

Registration timing: **registered_while_recruiting**

Last update:

Update count: **0**

Registration date

2014-03-03, 1392/12/12

Registrant information

Name

Seyed Mohammad Mahdi Hazavehei

Name of organization / entity

Hamadan University of Medical Sciences

Country

Iran (Islamic Republic of)

Phone

+98 81 1838 1641

Email address

hazavehei@umsha.ac.ir

Recruitment status

Recruitment complete

Funding source

Vice chancellor for research, Hamadan University of Medical Sciences

Expected recruitment start date

2014-02-20, 1392/12/01

Expected recruitment end date

2014-09-23, 1393/07/01

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

Comparing the effect of educational film with the routine education about blood glucose controlling in type 2 diabetic patients

Public title

Comparing the effect of educational film with the routine education about blood glucose controlling in type 2 diabetic patients

Purpose

Health service research

Inclusion/Exclusion criteria

Inclusion criteria :Type 2 diabetic patients that referred to the Hamadan diabetes center; Volunteered to participate in the study; History of type 2 diabetes two years ago Exclusion criteria: absence in movie section;

Not complete the questionnaire

Age

No age limit

Gender

Both

Phase

2

Groups that have been masked

No information

Sample size

Target sample size: 120

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 Hamadan University of Medical Sciences

Street address

Hamadan University of Medical Sciences, Shahid Fahmideh Av, Hamadan, Iran.

City

Hamadan

Postal code

65178

Approval date

2013-11-02, 1392/08/11

Ethics committee reference number

p/16/35/9/2930

Health conditions studied

1

Description of health condition studied

Type 2 diabetes

ICD-10 code

E11

ICD-10 code description

Non-insulin-dependent diabetes mellitus

Primary outcomes

1

Description

Knowledge

Timepoint

Before and after intervention

Method of measurement

Questionnaire

2

Description

Perceived susceptibility

Timepoint

Before and after intervention

Method of measurement

Questionnaire

3

Description

Perceived severity

Timepoint

Before and after intervention

Method of measurement

Questionnaire

4

Description

Perceived benefits

Timepoint

Before and after intervention

Method of measurement

Questionnaire

5

Description

Perceived barriers

Timepoint

Before and after intervention

Method of measurement

Questionnaire

6

Description

Cues to action

Timepoint

Before and after intervention

Method of measurement

Questionnaire

Secondary outcomes

1

Description

HbA1C

Timepoint

3 month after intervention

Method of measurement

Blood test

Intervention groups

1

Description

Intervention group: presentation of educational film in type 2 diabetic patients with question and answer

Category

Other

2

Description

Control group: routine education in diabetes center

Category

Other

Recruitment centers

1

Recruitment center

Name of recruitment center

Diabetes center in Hamadan

Full name of responsible person

Shohreh Emdadi

Street address

Diabetes center, Mirzadeh Eshghi Av, Hamadan, Iran.

City

Hamadan

Sponsors / Funding sources

1

Sponsor

Name of organization / entity

Vice chancellor for research, Hamadan University of Medical Sciences

Full name of responsible person

Saeed Bashirian

Street address

Hamadan University of Medical Sciences, Shahid Fahmideh Av, Hamadan, Iran.

City

Hamadan

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, Hamadan 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

Hamadan University of Medical Sciences

Full name of responsible person

Seyed Mohammad Mahdi Hazavehei

Position

PhD/Head of Department of Public Health

Other areas of specialty/work

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Person responsible for scientific inquiries

Contact

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Position

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Person responsible for updating data

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Full name of responsible person

Seyed Mohammad Hazavehei

Position

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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

Data Dictionary

empty