

Clinical Trial Protocol

Iranian Registry of Clinical Trials

17 Jun 2026

Effectiveness of an educational program on knowledge of patients with diabetes mellitus about prevention of late complications

Protocol summary

2024-01-04, 1402/10/14

Study aim

To assess knowledge of diabetic patients regarding late complications. To evaluate effectiveness of educational program regarding late complications. To find out relationship between knowledge of diabetic patients regarding late complication of diabetic and there demographic characteristics.

Design

quasi experimental design

Settings and conduct

at alkarama teaching hospital in alkut city in iraq

Participants/Inclusion and exclusion criteria

1. Diabetes mellitus type I& type II patients, Both male and female. 2. Adult patients 18-70 years of age. 3. Patients who were agree to participate in the present study. 4. Level of education for these patients at least read and write. 3.4.4. Exclusion Criteria 1.patients with neurological disorder 2. Diagnosis patients with diabetes mellitus more than 20 years.

Intervention groups

this group that recieved educational program from 20/1/2024 to 10/2/2024

Main outcome variables

increase patients knowledge to prevent late complications of diabetic

General information

Reason for update

Acronym

IRCT registration information

IRCT registration number: **IRCT20231225060523N1**

Registration date: **2024-01-04, 1402/10/14**

Registration timing: **registered_while_recruiting**

Last update: **2024-01-04, 1402/10/14**

Update count: **0**

Registration date

Registrant information

Name

Raissan Rahi

Name of organization / entity

Baghdad University/ Collage of Nursing

Country

Iraq

Phone

+964 783 055 3929

Email address

raissan.rahi2202m@conursing.uobaghdad.edu.iq

Recruitment status

Recruitment complete

Funding source

Expected recruitment start date

2024-01-04, 1402/10/14

Expected recruitment end date

2024-04-02, 1403/01/14

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

Effectiveness of an educational program on knowledge of patients with diabetes mellitus about prevention of late complications

Public title

Effectiveness of an educational program on knowledge of patients with diabetes mellitus about prevention of late complications

Purpose

Prevention

Inclusion/Exclusion criteria

Inclusion criteria:

1. Diabetes mellitus type I & type II patients, Both male and female. 2. Adult patients 18-70 years of age. 3. Patients who were agree to participate in the present study. 4. Level of education for these patients at least read and write.

Exclusion criteria:

1. patients with neurological disorder 2. Diagnosis patients with diabetes mellitus more than 20 years.

Age

From **18 years** old to **70 years** old

Gender

Both

Phase

N/A

Groups that have been masked

- Participant

Sample size

Target sample size: **90**

Randomization (investigator's opinion)

Not randomized

Randomization description

Blinding (investigator's opinion)

Single blinded

Blinding description

used control and study groups.

Placebo

Not used

Assignment

Parallel

Other design features

quasi experimental

Secondary Ids

empty

Ethics committees

1

Ethics committee

Name of ethics committee

Ethic committee in collage of nursing at university of Baghdad

Street address

Bab-AL-muadhim street

City

Baghdad city

Postal code

code N/A

Approval date

2023-11-22, 1402/09/01

Ethics committee reference number

1510

Health conditions studied

1

Description of health condition studied

diabetic type I & type II

ICD-10 code

of patient

ICD-10 code description

E11.69

Primary outcomes

1

Description

primary outcomes prevention of late complications

Timepoint

timepoint before intervention and 2 weeks after intervention

Method of measurement

self-report questioner

Secondary outcomes

empty

Intervention groups

1

Description

Intervention group: group that receive program

Category

Prevention

Recruitment centers

1

Recruitment center

Name of recruitment center

alkarama teaching hospital

Full name of responsible person

Raisan Rahi Helal

Street address

ALANWAR STREET

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Alkut city

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code N/A

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Fax

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Web page address

https://www.irct.ir/user/trial/74788/update/recruitmen t_center

Sponsors / Funding sources

1

Sponsor

Name of organization / entity

university of Baghdad /college of nursing

Full name of responsible person

Raisan Rahi Helal

Street address

Bab-AL-muadhim street

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Email

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Web page address<https://www.irct.ir/user/trial/74788/update/sponsor>**Grant name****Grant code / Reference number****Is the source of funding the same sponsor organization/entity?**

Yes

Title of funding source

university of Baghdad /college of nursing

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**

Persons

Person responsible for general inquiries**Contact****Name of organization / entity**

university of Baghdad /college of nursing

Full name of responsible person

Raisan Rahi Helal

Position

wasit

Latest degree

Master

Other areas of specialty/work

Emergency Medicine

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Web page addresshttps://www.irct.ir/user/trial/74788/update/public_queries_contact**Person responsible for scientific inquiries****Contact****Name of organization / entity**

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Web page addresshttps://www.irct.ir/user/trial/74788/update/public_queries_contact**Person responsible for updating data****Contact****Name of organization / entity**

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Latest degree

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Web page address

https://www.irct.ir/user/trial/74788/update/public_queries_contact

Sharing plan

Deidentified Individual Participant Data Set (IPD)

Yes - There is a plan to make this available

Study Protocol

Yes - There is a plan to make this available

Statistical Analysis Plan

Yes - There is a plan to make this available

Informed Consent Form

Yes - There is a plan to make this available

Clinical Study Report

Yes - There is 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

Title and more details about the data/document

The data will be the results of ESRD-AQ that measure adherence to hemodialysis and associated factors among patients with end stage renal failure after applying instruction program for intervention group and compare

the result with the control group

When the data will become available and for how long

once the process of data collection, analysis, and successful publishing of manuscript, all the related files will become available

To whom data/document is available

available for academic nursing and any researcher who is interested in the data

Under which criteria data/document could be used

the data could be used after getting the permission via email. also, users need to acknowledge the owner

From where data/document is obtainable

users can ask for the data and permission via email at Raissan.Rahi2202m@conursing.uobaghdad.edu.iq

What processes are involved for a request to access data/document

preparing a summary report of the research findings, highlighting the key outcomes, conclusions, and recommendations. This document will be shared electronically as a PDF file. The process to request access to this document involves: a. Request Submission: Interested individuals can submit a formal request for the research findings. b. Review and Approval: The requests will be reviewed to ensure they comply with ethical guidelines and any applicable data protection regulations. c. Access Provision: If approved, the research findings report will be shared electronically with the applicant.

Comments