

Clinical Trial Protocol

Iranian Registry of Clinical Trials

16 Jul 2026

The effect of peer education on Self-efficacy in patients under hemodialysis

Protocol summary

Study aim

Determination of The effect of peer education on Self-efficacy in patients under hemodialysis

Design

A final sample of 60 patients under hemodialysis was selected by available method and randomly in two intervention and control group

Settings and conduct

Empirical study is done at Khatam Anbia Salmas Hospital patients who undergo hemodialysis based on medical records will be randomly assigned to two intervention and control groups. Then the intervention group will attend two meetings in the peer education program. To determine Self-efficacy in patients under hemodialysis Self-efficacy questionnaire will be used and the data will be analyzed after collection.

Participants/Inclusion and exclusion criteria

Inclusion criteria: 1. People aged 18-65 years. 2. They are undergoing hemodialysis. 3. Ability to communicate with others. 4. Have an informed desire and consent to participate in the study. 5. Be alert to time and place and person. 6. Have minimum literacy skills. 7. No acute mental illness.

Intervention groups

The peer intervention group is trained on how to Self-efficacy. Control group: received routine training.

Main outcome variables

Self-efficacy in patients under hemodialysis

General information

Reason for update

Acronym

IRCT registration information

IRCT registration number: **IRCT20191103045314N1**

Registration date: **2020-03-09, 1398/12/19**

Registration timing: **registered_while_recruiting**

Last update: **2020-03-09, 1398/12/19**

Update count: **0**

Registration date

2020-03-09, 1398/12/19

Registrant information

Name

leila heydarzadeh

Name of organization / entity

Country

Iran (Islamic Republic of)

Phone

+98 44 3523 1326

Email address

shocofah46@yahoo.com

Recruitment status

Recruitment complete

Funding source

Expected recruitment start date

2019-09-06, 1398/06/15

Expected recruitment end date

2020-03-10, 1398/12/20

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

The effect of peer education on Self-efficacy in patients under hemodialysis

Public title

The effect of education on Self-efficacy in patients under hemodialysis

Purpose

Education/Guidance

Inclusion/Exclusion criteria

Inclusion criteria:

People aged 18-65 years undergoing hemodialysis Ability to communicate with others Have an informed desire and consent to participate in the study Be alert to time and place and person Have minimum literacy skills No acute mental illness

Exclusion criteria:

recent participation in similar research and training sessions Non-cooperation required to participate in the research There is a family relationship or familiarity between people

Age

From **18 years** old to **65 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

Randomization

Blinding (investigator's opinion)

Not blinded

Blinding description

Placebo

Not used

Assignment

Parallel

Other design features

Random selection of control and intervention groups where one group (control group) does not receive any intervention and the other group (intervention group) receives the intervention of research

Secondary Ids

empty

Ethics committees

1

Ethics committee

Name of ethics committee

Ethics Committee of Islamic Azad University, Tabriz Branch

Street address

At the beginning of Salmas Road, Urmia, West Azarbaijean

City

Urmia

Province

West Azarbaijan

Postal code

588186545

Approval date

2019-09-03, 1398/06/12

Ethics committee reference number

IR.IAU.TABRIZ.REC.1398.046

Health conditions studied

1

Description of health condition studied

Hemodialysis patients

ICD-10 code

N17.9

ICD-10 code description

Acute kidney failure, unspecified

Primary outcomes

1

Description

Self-efficacy in patients under hemodialysis

Timepoint

One month after the start education

Method of measurement

Self-efficacy questionnaire

Secondary outcomes

empty

Intervention groups

1

Description

Intervention group: Received training by peers, They were trained face to face in a hemodialysis training class during two sessions

Category

Other

2

Description

Control group: They received routine training

Category

Lifestyle

Recruitment centers

1

Recruitment center

Name of recruitment center

Khatam Anbia Salmas Hospital

Full name of responsible person

Nasrin Heydarzadeh

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Sponsors / Funding sources

1

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Grant name
Grant code / Reference number
Is the source of funding the same sponsor organization/entity?
No
Title of funding source
Islamic Azad University of Urmia Branch
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
Oroumia University of Medical Sciences
Full name of responsible person
Nasrin Heydarzadeh
Position
Nurse
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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