Clinical Trial Protocol
Iranian Registry of Clinical Trials

09 Nov 2026

Investigating the impact of continuous care model on self-efficacy and resilience of hemodialysis patients in a selected military hospital

Protocol summary

Study aim
Determining the effect of continuous care model on self-efficacy and resilience of hemodialysis patients

Design
A randomized clinical trial with a control group, randomly assigning people to two control and intervention groups using the block method, sample size of 74 people and 37 people for each group, continuous care model in the intervention group and routine care in the control group

Settings and conduct
The study will be conducted in a selected military hospital in Tehran. How to conduct the study: Determining the study population - Obtaining written informed consent - Random assignment to two intervention and control groups - Preparing educational content - Completing resilience questionnaire (Connor-Davidson) and self-efficacy questionnaire (Sherer) in the intervention and control groups before Intervention - in the intervention group, implementing the continuous care model process (including 4 stages of familiarization, sensitization, control and evaluation) - completion of the resilience and self-efficacy questionnaire after the intervention and two months after the intervention - in the control group, routine care and Completing the resilience and self-efficacy questionnaire at the end of the first and third months - data collection and analysis

Participants/Inclusion and exclusion criteria
Hemodialysis history of more than one year Age less than 60 years and more than 18 years Not having psychiatric disorders Willingness to participate in research Literacy for reading and writing

Intervention groups
In the intervention group, the continuous care model process (including 4 stages of familiarization, sensitization, control and evaluation) will be done. In the control group, routine care will be done.

Main outcome variables
resilience, self-efficacy

General information

Reason for update

Acronym
الگوی مراقبت پیگیر بیماران همودیالیز

IRCT registration information
IRCT registration number: **IRCT20231005059632N1**
Registration date: **2023-10-29, 1402/08/07**
Registration timing: **registered_while_recruiting**

Last update: **2023-10-29, 1402/08/07**
Update count: **0**

Registration date
2023-10-29, 1402/08/07

Registrant information

Name
Masoome Moosavi

Name of organization / entity

Country
Iran (Islamic Republic of)

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+98 21 2293 3573

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m.moisavi58.nurse@gmail.com

Recruitment status
Recruitment complete

Funding source

Expected recruitment start date
2023-10-23, 1402/08/01

Expected recruitment end date
2024-01-21, 1402/11/01

Actual recruitment start date
empty

Actual recruitment end date
empty

Trial completion date
empty

Scientific title
Investigating the impact of continuous care model on self-efficacy and resilience of hemodialysis patients in a selected military hospital

Public title
The effect of continuous care model on self-efficacy and resilience of hemodialysis patients

Purpose
Supportive

Inclusion/Exclusion criteria
Inclusion criteria:
Hemodialysis history of more than one year
Exclusion criteria:
People who do not attend at least two training sessions of the continue care model

Age
From **18 years** old to **60 years** old

Gender
Both

Phase
0

Groups that have been masked
No information

Sample size
Target sample size: **74**

Randomization (investigator's opinion)
Randomized

Randomization description
Patients will be randomly assigned to intervention and control groups through variable blocks. (If A: intervention group, B: control group, then there will be six different modes for blocks of 4: AABB, ABAB, ABBA, BBAA, BABA, BAAB, which can be written on paper and taken from the bag)

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 Aja University of Medical Sciences
Street address
Aja University of Medical Sciences, Etemadzadeh Street, Fatemi West Street, Tehran
City
Tehran
Province
Tehran
Postal code
1693717171
Approval date
2023-09-22, 1402/06/31
Ethics committee reference number
IR.AJAUMS.REC.1402.117

Health conditions studied

1

Description of health condition studied
hemodialysis patients
ICD-10 code
N18.5
ICD-10 code description
Chronic kidney disease, stage 5

Primary outcomes

1

Description
self-efficacy
Timepoint
At the beginning of the study (before the start of the intervention) and immediately after the intervention and two months after the intervention
Method of measurement
Sherer's self-efficacy questionnaire

2

Description
resilience
Timepoint
At the beginning of the study (before the start of the intervention) and immediately after the intervention and two months after the intervention
Method of measurement
Connor and Davidson's resilience questionnaire

Secondary outcomes

empty

Intervention groups

1

Description
Intervention group: The continuous care model will be implemented in 4 stages (familiarization stage, sensitization stage, control and evaluation stage) and for one month.
Category
Lifestyle

2

Description

Control group: routine care will be done and no intervention will be done for them.

Category

Lifestyle

Recruitment centers

1

Recruitment center

Name of recruitment center

Chamran Hospital

Full name of responsible person

Dr. Shaykh al-Islam

Street address

Chamran Hospital, Fakhrizadeh St, Langari St, Novnayad square, Tehran.

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Sponsors / Funding sources

1

Sponsor

Name of organization / entity

Artesh University of Medical Sciences

Full name of responsible person

Dr. Reza Mosaed Ronkiani

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Grant name

Grant code / Reference number

Is the source of funding the same sponsor organization/entity?

Yes

Title of funding source

Artesh University of Medical Sciences

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

Artesh University of Medical Sciences

Full name of responsible person

Seyyedeh Masoomeh Moosavi

Position

Critical Care Nursing Student

Latest degree

Bachelor

Other areas of specialty/work

Nursery

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Latest degree

Bachelor

Other areas of specialty/work

Nursery

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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