

Clinical Trial Protocol

Iranian Registry of Clinical Trials

16 Sep 2026

Assessment the effect of an illness perception based intervention on death anxiety and hope among hemodialysis patients: a clinical trial

Protocol summary

Summary

The aim of the present study is to determine the effect of illness perception based intervention on death anxiety and hope among hemodialysis patients. The study population is consisted of all hemodialysis patients refereed to dialysis center of Qazvin Bou-Ali hospital. In this study, 120 patients will be randomly divided into control and intervention groups. Randomization will be performed using a random numbers table. This study will be performed in dialysis center of Qazvin Bou-Ali hospital. The main inclusion criteria include having at least two dialysis sessions in a week and having no history of kidney transplant. After obtaining informed consent, demographic, illness perception, death anxiety (Templer) and hope (Herth) questionnaires will be completed by the members of two groups. No intervention will be performed in control group by researcher and patients will receive only routine care. An illness perception improving intervention will be performed for every patient (individually) in three 30-minute sessions in intervention group. An educational booklet which is collected by the researcher will be given to the patients at the end of the second session. Illness perception, death anxiety and hope questionnaires will be completed again four weeks later in both groups.

General information

Acronym

IRCT registration information

IRCT registration number: **IRCT2016103130609N1**

Registration date: **2017-01-31, 1395/11/12**

Registration timing: **registered_while_recruiting**

Last update:

Update count: **0**

Registration date

2017-01-31, 1395/11/12

Registrant information

Name

Marzieh Asghari

Name of organization / entity

Rajaei Cardiovascular Research Center

Country

Iran (Islamic Republic of)

Phone

+98 28 3222 4667

Email address

asghary_marzieh@rhc.ac.ir

Recruitment status

Recruitment complete

Funding source

Vice Chancellor for Research, Shahid Rajaei Cardiovascular Research Center

Expected recruitment start date

2016-11-10, 1395/08/20

Expected recruitment end date

2017-02-10, 1395/11/22

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

Assessment the effect of an illness perception based intervention on death anxiety and hope among hemodialysis patients: a clinical trial

Public title

Effect of increasing illness perception on death anxiety and hope in hemodialysis patients

Purpose

Prevention

Inclusion/Exclusion criteria

Inclusion criteria: age over 18 years old, history of dialysis at least for 12 months; having no history of

kidney transplant; ability to complete the questionnaire; having no history of mental illness; having no history of loved ones death in the past few months. Exclusion criteria: inability to answer the questions of the study; failing to answer the questions of the study due to having cognitive disease.

Age

From **18 years** old

Gender

Both

Phase

2-3

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 Shahid Rajaei Cardiovascular Research Center

Street address

Next to Mellat Park, Intersection of Vali Asr and Niayesh Streets

City

Tehran

Postal code**Approval date**

2016-09-14, 1395/06/24

Ethics committee reference number

rhc.ac.ir.rec.1395.24

Health conditions studied**1****Description of health condition studied**

Renal failure

ICD-10 code

N18.5

ICD-10 code description

Chronic kidney disease, stage 5

Primary outcomes**1****Description**

Illness perception

Timepoint

Before the intervention and 4 weeks after the intervention

Method of measurement

Illness perception questionnaire

Secondary outcomes**1****Description**

Death anxiety

Timepoint

Before the intervention and 4 weeks after the intervention

Method of measurement

Templer questionnaire

2**Description**

Hope

Timepoint

Before the intervention and 4 weeks after the intervention

Method of measurement

Herth hope index questionnaire

Intervention groups**1****Description**

Control group: no intervention will be performed in this group by the researcher and patients will receive only routine care.

Category

Prevention

2**Description**

Intervention group: An intervention, based on illness perception improvement, will be performed for each person in three 30-minute sessions in this group. An educational booklet which is collected by the researcher will be given to the patients at the end of the second session.

Category

Prevention

Recruitment centers

1

Recruitment center

Name of recruitment center

Boali-Sina Hospital

Full name of responsible person

Marzieh Asghary

Street address

Bu-Ali Sina Hospital, West Bo-Ali Street

City

Qazvin

Sponsors / Funding sources

1

Sponsor

Name of organization / entity

Shahid Rajaei Cardiovascular Research Center

Full name of responsible person

Vice Chancellor for Research, Shahid Rajaei Cardiovascular Research Center

Street address

Next to Mellat Park, Intersection of Vali Asr and Niyayesh Streets

City

Tehran

Grant name

Grant code / Reference number

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

Yes

Title of funding source

Shahid Rajaei Cardiovascular Research Center

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

Rajaei Cardiovascular Research Center

Full name of responsible person

Dr. Tabiban

Position

Nephrologist

Other areas of specialty/work

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Person responsible for scientific inquiries

Contact

Name of organization / entity

Qazvin University Of Medical Sciences

Full name of responsible person

Mohammad-Ali Soleimany

Position

PHD in Nursing

Other areas of specialty/work

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Person responsible for updating data

Contact

Name of organization / entity

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Full name of responsible person

Marzieh Asghary

Position

Msc Student in Nursing

Other areas of specialty/work

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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