

Clinical Trial Protocol

Iranian Registry of Clinical Trials

24 Jul 2026

The effect of reminiscence therapy on cognitive disorders and depression in hemodialysis' patients

Protocol summary

Summary

Objective: To determine the effect of reminiscence therapy on cognitive disorders and depression in hemodialysis' patients. Inclusion criteria: age 25 to 75 years; ability to read; write; visual and verbal communication; lack of cognitive or chronic mental disorders; no deaths of a close family and friends in the last three months; lack of addiction to drugs abuse or alcohol; get Mini Mental State Examination (MMSE) questionnaire score 25-10. Exclusion criteria: having a history of suicidal thoughts; psychosis; mental retardation; vision and hearing problems; absence more than one session. Population under Study: hemodialysis' patients of Imam Hussein (AS) hospital and dialysis center of Red Crescent Organization in Shahrod. Sample size: A pilot study including 10 patients from each group, would determine the size of samples. Intervention group 1: participates in 12 sessions Stinson reminiscence, attended nurse and psychotherapist, for 30 to 35 minutes, twice a week. Intervention group 2: in 12 sessions for 35 to 30 minutes and twice a week talking about everyday issues with the nurse and psychotherapist. Control group: hemodialysis was done with previous process. Participants complete questionnaires of MMSE cognitive status and the Beck depression before, immediately after and one month after intervention.

General information

Acronym

IRCT registration information

IRCT registration number: **IRCT201607186318N8**
Registration date: **2016-08-06, 1395/05/16**
Registration timing: **registered_while_recruiting**

Last update:

Update count: **0**

Registration date

2016-08-06, 1395/05/16

Registrant information

Name

Monir Nobahar

Name of organization / entity

Semnan University of Medical Sciences

Country

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Email address

Nobahar43@Yahoo.com

Recruitment status

Recruitment complete

Funding source

Vice Chancellor for research of Semnan University of Medical Sciences

Expected recruitment start date

2016-07-22, 1395/05/01

Expected recruitment end date

2016-12-21, 1395/10/01

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

The effect of reminiscence therapy on cognitive disorders and depression in hemodialysis' patients

Public title

The effect of reminiscence therapy

Purpose

Supportive

Inclusion/Exclusion criteria

Inclusion criteria: age 25 to 75 years; ability to read;

write; visual and verbal communication; lack of cognitive or chronic mental disorders; no deaths of a close family and friends in the last three months; lack of addiction to drugs abuse or alcohol; get MMSE questionnaire score 25-10. Exclusion criteria: having a history of suicidal thoughts; psychosis; mental retardation; vision and hearing problems; absence more than one session.

Age

From **25 years** old to **75 years** old

Gender

Both

Phase

3

Groups that have been masked

No information

Sample size

Target sample size: **10**

Randomization (investigator's opinion)

Randomized

Randomization description

Blinding (investigator's opinion)

Double blinded

Blinding description

Placebo

Used

Assignment

Parallel

Other design features

Random blocks

Secondary Ids

empty

Ethics committees

1

Ethics committee

Name of ethics committee

Ethics committee of Semnan University of Medical Sciences

Street address

Semnan University of Medical Sciences, Boulvar Basij, Semnan

City

Semnan

Postal code

Approval date

2016-07-13, 1395/04/23

Ethics committee reference number

IR.SEMUMS.REC.1395.57

Health conditions studied

1

Description of health condition studied

Cognitive disorders and depression in hemodialysis' patients

ICD-10 code

F02.8

ICD-10 code description

Dementia in other specified diseases classified elsewhere

Primary outcomes

1

Description

Cognitive status

Timepoint

Before, immediately after and one month after the intervention.

Method of measurement

Variable measurement method: In this study, Cognitive status is measured by using MMSE questionnaire. Score of cognitive health (25-30), mild cognitive disorders (21-24), moderate (10-20) severe (<9). Information for each person will be recorded in a specific questionnaire for each patient.

Secondary outcomes

1

Description

Depression

Timepoint

Before, immediately after and one month after the intervention.

Method of measurement

Depression is measured by using the Beck Depression Inventory. Beck Depression Inventory tests their polls. There are a total of 21 tests of four-point scale from zero to three to respond. Scores range from zero to 63. Score and severity of depression is divided to mild (11-16), moderate (17-29) and major (30-63). Information for each person will be recorded in a specific questionnaire for each patient.

Intervention groups

1

Description

Intervention group 1, participates in 12 sessions Stinson reminiscence, attended nurse and psychotherapist, for 30 to 35 minutes, twice a week.

Category

Behavior

2

Description

Intervention group 2, in 12 sessions for 35 to 30 minutes and twice a week talking about everyday issues with the nurse and psychotherapist.

Category

Behavior

3

Description

Control group, hemodialysis was done with previous process.

Category

Behavior

Recruitment centers

1

Recruitment center

Name of recruitment center

Imam Hussein (AS) hospital and dialysis center of Red Crescent Organization in Shahrod.

Full name of responsible person

Monir Nobahar

Street address

Faculty of Nursing and Paramedical, Semnan University of Medical Sciences, Semnan

City

Semnan

Sponsors / Funding sources

1

Sponsor

Name of organization / entity

Vice Chancellor for research of Semnan University of Medical Sciences

Full name of responsible person

Dr. Ali Rashidypour

Street address

Semnan University of Medical Sciences, Boulvar Basij, Semnan

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Semnan

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 of Semnan 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

Semnan University of Medical Sciences

Full name of responsible person

Monir Nobahar

Position

Associate professor of Semnan University of Medical Sciences

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