

Clinical Trial Protocol

Iranian Registry of Clinical Trials

30 May 2026

Recitation Effect of Holy Quran on Intensity of Anxiety and Depression in Patients Undergoing Hemodialysis.

Protocol summary

Summary

Objective: To determine the effect of Quran on the severity of anxiety and depression in patients undergoing hemodialysis. Inclusion criteria: Willingness to listen to the Holy Quran; Consent to participate in the study; Age range 45 to 65 years; At least six months of treatment with hemodialysis; no use of anti anxiety and anti depression drugs; The lack of serious psychiatric problems. Exclusion criteria: Any mental disability; Hearing Impaired; Having a bad experience in the past six months; History of mental illness or psychiatric hospitalization; Changes in physical condition (severe problem) during the study; Cancel or unwillingness to participate in the study. The study population consisted of 60 hemodialysis patients that put into test and control groups randomly. Quran Surah Yasin mystical relaxing music and voice teacher Shateri (Trtyl way) 3 times a week, each session lasting 20 minutes (immediately after connecting the patient to the dialysis machine and vascular stability) through the system with mp3 player headphones play within a month for the test group. but for control group, no specific intervention will be apply. Two questionnaires (Spielberger and Beck) will be completed: 1 - Before starting dialysis in the first session as a baseline, 2 - after a month (after the intervention) to assess the severity of anxiety and depression for all patients in two groups.

General information

Acronym

IRCT registration information

IRCT registration number: **IRCT201312108665N2**
Registration date: **2014-02-06, 1392/11/17**
Registration timing: **registered_while_recruiting**

Last update:

Update count: **0**

Registration date

2014-02-06, 1392/11/17

Registrant information

Name

Hassan Babamohamadi

Name of organization / entity

Semnan University of Medical Sciences

Country

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Recruitment status

Recruitment complete

Funding source

Semnan University of Medical Sciences

Expected recruitment start date

2014-01-21, 1392/11/01

Expected recruitment end date

2014-05-22, 1393/03/01

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

Recitation Effect of Holy Quran on Intensity of Anxiety and Depression in Patients Undergoing Hemodialysis.

Public title

Recitation Effect of Holy Quran on Intensity of Anxiety and Depression in Patients Undergoing Hemodialysis.

Purpose

Prevention

Inclusion/Exclusion criteria

Inclusion criteria: Willingness to listen to the Holy Quran;

Consent to participate in the study; Age range 45 to 65 years; At least six months of treatment with hemodialysis; Consciousness; having hemodynamic stability; no use of anti anxiety and anti depression drugs; The lack of serious psychiatric problems. Exclusion criteria: Any mental disability; Hearing Impaired; Having a bad experience in the past six months; History of mental illness or psychiatric hospitalization; Changes in physical condition (severe problem) during the study; Cancel or unwillingness to participate in the study; left handed; clergyman; Reciter of Quran; being Arab language.

Age

From **45 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

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

Semnan University of Medical Sciences

Street address

Basidj Blv, Central staff of Semnan University of Medical Sciences

City

Semnan

Postal code

Approval date

2014-01-07, 1392/10/17

Ethics committee reference number

92/388666

Health conditions studied

1

Description of health condition studied

Chronic Kidney Disease

ICD-10 code

N18.5

ICD-10 code description

Chronic kidney disease, stage 5

Primary outcomes

1

Description

Anxiety

Timepoint

Before intervention and after 1 Month

Method of measurement

Spielberger Questionnaire

2

Description

Depression

Timepoint

Before intervention and after 1 month

Method of measurement

Beck Questionnaire

Secondary outcomes

empty

Intervention groups

1

Description

Music therapy intervention on the experimental group are done according to the prepared protocol based on similar studies. scope of music therapy in this study is application of relaxing and mystical of Holy Quran, Yasin Sura with voice of Shateri Professor (Tartil), that is selected by consulting by a clergyman. This sura is playback 3 times in week, and 20 minutes every session (immediately after connecting the patient to the dialysis machine and vascular stability) through mp3 player and a headphone within a month.

Category

Treatment - Other

2

Description

for control group, no specific intervention will be apply and they receive routine cares.

Category

N/A

Recruitment centers

1

Recruitment center

Name of recruitment center

Tabriz Mahallati Martyr Hospital
Full name of responsible person
Dr Hassan Babamohamadi
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Person responsible for scientific inquiries

Contact

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Sponsors / Funding sources

1

Sponsor

Name of organization / entity
Semnan University of Medical Sciences
Full name of responsible person
Dr Raheb Ghorbani
Street address
Semnan
City
Semnan
Grant name
Grant code / Reference number
Is the source of funding the same sponsor organization/entity?
Yes
Title of funding source
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

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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