

# 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

Iran (Islamic Republic of)

###### Phone

+98 23 3365 4190

###### Email address

babamohamadi@sem-ums.ac.ir

##### 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  
**Street address**  
Semnan  
**City**  
Semnan

ums.ac.irbabamohammady2007@gmail.com  
**Web page address**

## Person responsible for scientific inquiries

### Contact

**Name of organization / entity**  
Semnan University of Medical Sciences  
**Full name of responsible person**  
Dr Hassan Babamohamadi  
**Position**  
Assistant Professor  
**Other areas of specialty/work**  
**Street address**  
Semnan  
**City**  
Semnan  
**Postal code**  
3513138111  
**Phone**  
+98 23 1335 4192  
**Fax**  
+98 23 1335 4177  
**Email**  
babamohamadi@sem-  
ums.ac.irbabamohammady2007@gmail.com  
**Web page address**

## 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

### Contact

**Name of organization / entity**  
Semnan University of Medical Sciences  
**Full name of responsible person**  
Dr Hassan Babamohamadi  
**Position**  
Assistant Professor, educational deputy  
**Other areas of specialty/work**  
**Street address**  
Semnan  
**City**  
Semnan  
**Postal code**  
3513138111  
**Phone**  
+98 23 1335 4192  
**Fax**  
+98 23 1335 4177  
**Email**  
babamohamadi@sem-

## Person responsible for updating data

### Contact

**Name of organization / entity**  
Semnan University of Medical Sciences  
**Full name of responsible person**  
Dr Hassan Babamohamadi  
**Position**  
Assistant Professor, Educational Deputy  
**Other areas of specialty/work**  
**Street address**  
Semnan  
**City**  
Semnan  
**Postal code**  
3513138111  
**Phone**  
+98 23 1335 4192  
**Fax**  
+98 23 1335 4177  
**Email**  
babamohamadi@sem-  
ums.ac.irbabamohammady2007@gmail.com  
**Web page address**

## 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*