Clinical Trial Protocol
Iranian Registry of Clinical Trials

28 Sep 2026

The Effects of preferred music on uremic pruritus in patients during hemodialysis

Protocol summary

Summary

Aim: The Effects of preferred music on uremic pruritus in patients during hemodialysis Research design: semi experimental study with a sampling block and a blind for pre- and post-test control group on 84 patients referred to hemodialysis ward of Birjand Medical Sciences is done. The main criterion for entry on hemodialysis for more than 3 months and exit criteria of non-uremic pruritus origin. In the experimental group for 30 minutes of music therapy is used during hemodialysis. Data collected through a questionnaire including demographic data of patients, pruritus questionnaire 5D and Visual Analog Scale before and 15 minutes after music therapy collected . Data using descriptive statistics and SPSS version 21 is evaluated. And the impact of music on the severity of pruritus in hemodialysis patients evaluated.

General information

Acronym

IRCT registration information

IRCT registration number: **IRCT2017022732793N1**
Registration date: **2017-05-25, 1396/03/04**
Registration timing: **registered_while_recruiting**

Last update:
Update count: **0**

Registration date

2017-05-25, 1396/03/04

Registrant information

Name

Fatemeh Asadollahi

Name of organization / entity

Iran University of Medical Sciences

Country

Iran (Islamic Republic of)

Phone

+98 56 3240 2066

Email address

asadollahi.f@tak.iums.ac.ir

Recruitment status

Recruitment complete

Funding source

Deputy for Research, School of Nursing and Midwifery in Iran

Expected recruitment start date

2017-05-22, 1396/03/01

Expected recruitment end date

2017-06-22, 1396/04/01

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

The Effects of preferred music on uremic pruritus in patients during hemodialysis

Public title

The Effects of preferred music on pruritus in patients during hemodialysis

Purpose

Supportive

Inclusion/Exclusion criteria

Inclusion criteria for the study: All patients over 18 years; More than 3 months hemodialysis; Cognitive and healthy hearing; Do not use hearing aids; More than 3 pruritus intensity VAS scale; No history of skin diseases cause itching, drug allergy. Exclusion criteria: A non-uremic pruritus origin (by a doctor); lack of patient cooperation and participation in the study.

Age

From **17 years** old

Gender

Both

Phase
N/A
Groups that have been masked
No information
Sample size
Target sample size: **84**
Randomization (investigator's opinion)
Not randomized
Randomization description
Blinding (investigator's opinion)
Single blinded
Blinding description
Placebo
Not used
Assignment
Parallel
Other design features

Secondary Ids

empty

Ethics committees

1

Ethics committee
Name of ethics committee
Iran University of Medical Sciences
Street address
Shahid Hemmat Highway- Besides Milad Tower
City
Tehran
Postal code
1449614535
Approval date
2016-08-05, 1395/05/15
Ethics committee reference number
IR.IUMS.REC.1395.9211449201

Health conditions studied

1

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

Primary outcomes

1

Description
pruritus Intense
Timepoint
pre and post intervention
Method of measurement
pruritus Visual Analog Scale

Secondary outcomes

empty

Intervention groups

1

Description
Listening to preferred music (classical, traditional, light) for half an hour in the intervention group 1.5 hours after initiation of hemodialysis with using handsfree.
Category
Treatment - Other

2

Description
In the control group with hands-free half-hour rest on the ears without music 1.5 hours after initiation of hemodialysis.
Category
Treatment - Drugs

Recruitment centers

1

Recruitment center
Name of recruitment center
Special Medical Center of Birjand University of Medical Sciences
Full name of responsible person
Fatemeh Asadollahi, Critical Care Nursing MA student
Street address
Birjand, Shahid Beheshti Ave, Special Medical Center
City
Birjand

Sponsors / Funding sources

1

Sponsor
Name of organization / entity
Iran School of Nursing and Midwifery
Full name of responsible person
Mahnaz Seyedoshohadaee
Street address
Valiasr Ave, Higher than Mirdamad, Rashid yasemi Ave
City
Tehran
Grant name
Grant code / Reference number
Is the source of funding the same sponsor organization/entity?
Yes
Title of funding source
Iran School of Nursing and Midwifery
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
Iran School of Nursing and Midwifery
Full name of responsible person
Fatemeh Asadollahi
Position
Critical Care Nursing MA student
Other areas of specialty/work
Street address
Valiasr Ave, Higher than Mirdamad, Rashid yasemi Ave
City
Tehran
Postal code
1996713883
Phone
+218 8882885
Fax
Email
Asadollahi.f@tak.iums.ac.ir
Web page address

Person responsible for scientific inquiries

Contact
Name of organization / entity
Iran School of Nursing and Midwifery
Full name of responsible person
Jaleh Mohammadaliha
Position
Master of Nursing
Other areas of specialty/work
Street address
Valiasr Ave, Higher than Mirdamad, Rashid yasemi Ave
City
Tehran
Postal code
1996713883
Phone
+218 8882885
Fax
Email
Mohammadaliha.j@iums.ac.ir
Web page address

Person responsible for updating data

Contact
Name of organization / entity
Iran School of Nursing and Midwifery
Full name of responsible person
Fatemeh Asadollahi
Position
Critical Care Nursing MA student
Other areas of specialty/work
Street address
Valiasr Ave, Higher than Mirdamad, Rashid yasemi Ave
City
Tehran
Postal code
1996713883
Phone
+218 8882885
Fax
Email
Asadollahi.f@tak.iums.ac.ir
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