

Clinical Trial Protocol

Iranian Registry of Clinical Trials

09 Jun 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

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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

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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

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Iran School of Nursing and Midwifery

Full name of responsible person

Jaleh Mohammadaliha

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Master of Nursing

Other areas of specialty/work

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City

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