

Clinical Trial Protocol

Iranian Registry of Clinical Trials

03 Jul 2026

To investigate the effect of music therapy on stress of operating room personnel working

Protocol summary

Summary

Objective: To investigate the effect of music therapy on stress of operating room personnel working in Shiraz University of Medical Sciences. Sampling: 30 personnel are randomly selected and randomly divided into two groups. Inclusion criteria: Scrub personnel; elective surgery; scoring 31 and above from Spill Berger stress questionnaire. Exclusion criteria: Failure to complete questionnaires |; history of new crisis such as : death of first degree relatives, divorce or parent's divorce in the last 6 months, opium addiction, history of participation in the problem-solving skill training and stress management techniques course and yoga course in the last 6 months; mental illness, using psychotropic drugs. In the intervention group participants listen to the instrumental music for two weeks before the start of operation and stress before and after music therapy is measured by the Spiel Berger Job Stress Questionnaire. In the control group there is no intervention.

General information

Acronym

IRCT registration information

IRCT registration number: **IRCT2017052319470N58**
Registration date: **2017-06-10, 1396/03/20**
Registration timing: **registered_while_recruiting**

Last update:

Update count: **0**

Registration date

2017-06-10, 1396/03/20

Registrant information

Name

Farzaneh Masihi

Name of organization / entity

Country

Iran (Islamic Republic of)

Phone

+98 71 3647 4270

Email address

masihif@sums.ac.ir

Recruitment status

Recruitment complete

Funding source

Vic Chancellor for Research, Shiraz University of Medical Sciences

Expected recruitment start date

2017-06-02, 1396/03/12

Expected recruitment end date

2017-09-03, 1396/06/12

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

To investigate the effect of music therapy on stress of operating room personnel working

Public title

To investigate the effect of music therapy on stress of operating room personnel working

Purpose

Prevention

Inclusion/Exclusion criteria

Inclusion criteria: Scrub personnel; elective surgery; scoring 31 and above from Spill Berger stress questionnaire. Exclusion criteria: Failure to complete questionnaires |; history of new crisis such as : death of first degree relatives, divorce or parent's divorce in the last 6 months, opium addiction, history of participation in the problem-solving skill training and stress management techniques course and yoga course in the last 6 months; mental illness, using psychotropic drugs.

Age

No age limit

Gender

Both

Phase

2-3

Groups that have been masked*No information***Sample size**

Target sample size: 31

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**

Ethics committee of Shiraz University of Medical Sciences

Street address

Vice Chancellor of research, Shiraz University of Medical Sciences, 7th floor, central building of Shiraz University of Medical Sciences, Zand street

City

Shiraz

Postal code**Approval date**

2017-05-19, 1396/02/29

Ethics committee reference number

IR.SUMS.REC.1395.177

Health conditions studied**1****Description of health condition studied**

stress

ICD-10 code

R45.7

ICD-10 code description

State of emotional shock and stress, unspecified

Primary outcomes**1****Description**

stress

Timepoint

before and after music therapy

Method of measurement

Spiel Berger Job Stress Questionnaire

Secondary outcomes

empty

Intervention groups**1****Description**

In the intervention group participants listen to the instrumental music for two weeks before the start of operation and stress before and after music therapy is measured by the Spiel Berger Job Stress Questionnaire.

Category

Diagnosis

2**Description**

There is no intervention in the control group.

Category

N/A

Recruitment centers**1****Recruitment center****Name of recruitment center**

Namazi Hospital

Full name of responsible person**Street address**

Namazi square, Namazi Hospital

City

Shiraz

Sponsors / Funding sources**1****Sponsor****Name of organization / entity**

Vice Chancellor for Research, Shiraz University of Medical Sciences

Full name of responsible person

Dr Seed Basir Hashemi

Street address

Vice chancellor of research, 7th floor of central building of Shiraz University of Medical Sciences, Zand street

City

Shiraz

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, Shiraz 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**

Shiraz University of Medical Sciences

Full name of responsible person

Mostafa Moazam Fard

Position

Nurse

Other areas of specialty/work**Street address**

Nursing Department, Faghihi Hospital, Zand Street

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Web page address**Person responsible for scientific inquiries****Contact****Name of organization / entity**

Shiraz University of Medical Sciences

Full name of responsible person

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Position

Nurse

Other areas of specialty/work**Street address**

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Web page address**Person responsible for updating data****Contact****Name of organization / entity**

Shiraz University of Medical Sciences

Full name of responsible person

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Position

MS in English teaching ,BS in anesthesia/English Consultant

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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*