

Clinical Trial Protocol

Iranian Registry of Clinical Trials

04 Jul 2026

Study the Effect of Music on Anxiety, Pain and Hemodynamic Parameters in Burn Patients During Dressing

Protocol summary

Summary

1.Objectives: To assess the effects of music on anxiety, pain and hemodynamic parameters in patients with burns during dressing changes. 2. Design and how to do: This randomized clinical trial on 86 patients 2 and 3 bed burns in the burn Taleghani Hospital Ahwaz done in 1395. The samples were randomly assigned to two groups will be music and control so that each group contains 43 patients. 3.Participants including major eligibility criteria: desire to participate in the Study ability to read and write-ages of 18-60 years of addiction to drugs and alcohol Lack of mental illness-burn 10 to 45 percent with grade 2 and 3 - lack of burns to the head and face and ears .What having trouble hearing traverse at least 3 nights and exclusion criteria were discharged from the hospital during the study and wanting to continue to participate in the study. 4.Intervention: Patients for three consecutive days during a dressing change by entering the dressing room to run and to control their favorite music, usually performed dressing change. 5. main outcome: music reduced pain and anxiety as well as blood pressure and heart rate adjusted band in comparison with the control group of burn patients.

General information

Acronym

IRCT registration information

IRCT registration number: **IRCT2016100429733N2**
Registration date: **2017-01-29, 1395/11/10**
Registration timing: **registered_while_recruiting**

Last update:

Update count: **0**

Registration date

2017-01-29, 1395/11/10

Registrant information

Name

Aliakbar Ataeikachouei

Name of organization / entity

Ahwaz Jundishapur University of Medical Sciences

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Recruitment status

Recruitment complete

Funding source

Ahwaz Jundishapur University of Medical sciences

Expected recruitment start date

2016-12-21, 1395/10/01

Expected recruitment end date

2017-02-19, 1395/12/01

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

Study the Effect of Music on Anxiety, Pain and Hemodynamic Parameters in Burn Patients During Dressing

Public title

The effect of music on burn pain

Purpose

Treatment

Inclusion/Exclusion criteria

Terms of Inclusion: Consent to Participate in Study; Ability to read and write; Age 18-60 years; Lack of addiction to drugs and alcohol; Lack of psychosexual disorders; Burn 10 to 45 percent with grade 2 & 3; No

burns the head and face and ears; Lack of hearing problem; stay minimum 3 night Terms of Exclusion: discharge during Study; The desire to withdraw from the study

Age

From **18 years** old to **60 years** old

Gender

Both

Phase

3

Groups that have been masked

No information

Sample size

Target sample size: **86**

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 Ahvaz Jundishapur University of Medical sciences

Street address

Ahvaz Jundishapur University of Medical sciences, Ahvaz, Golestan Blvd

City

Ahvaz

Postal code

Approval date

2016-08-13, 1395/05/23

Ethics committee reference number

IR.AJUMS.REC.1395.344

Health conditions studied

1

Description of health condition studied

Burn

ICD-10 code

T21-T22-T2

ICD-10 code description

Burn and corrosion of trunk, Burn and corrosion of shoulder and upper limb, except wrist and hand, Burn and corrosion of wrist and hand, Burn and corrosion of hip and

lower limb, except ankle and foot, Burn and corrosion of ankle and foot

Primary outcomes

1

Description

Blood Pressure

Timepoint

3 times in 3 days

Method of measurement

Mercury manometers

2

Description

Heart Rate

Timepoint

3 times in 3 days

Method of measurement

Manual

3

Description

pain

Timepoint

3 times in 3 days

Method of measurement

pain Chart

4

Description

Anxiety

Timepoint

3 times in 3 days

Method of measurement

Spielberger questionnaire

Secondary outcomes

empty

Intervention groups

1

Description

Intervention: The intervention group will run for three consecutive days during a dressing change by entering the dressing room their favorite music

Category

Treatment - Other

2

Description

Control: control group performed for dressing as usual, no music and for three days

Category

Treatment - Other

Recruitment centers

1

Recruitment center

Name of recruitment center

Burn Taleghani Hospital Ahvaz

Full name of responsible person

Fatemeh Jahangiri Mehr

Street address

Ayatollah Taleghani Hospital of Ahvaz, Khuzestan,
Ahvaz, Amanollah Region, Mostaan Street

City

Ahvaz

Sponsors / Funding sources

1

Sponsor

Name of organization / entity

Vice chancellor for research, Ahvaz Jundishapur
University of Medical Sciences

Full name of responsible person

Behzad Sharif Makhmal Zadeh

Street address

Ahvaz Jundishapur University of Medical sciences,
Ahvaz, Golestan Blvd

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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, Ahvaz Jundishapur
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

Ahvaz Jundishapur University of Medical Sciences

Full name of responsible person

Fatemeh Jahangiri Mehr

Position

MSc in Biostatistics

Other areas of specialty/work

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Position

SubSpecialist of Plastic and Reconstructive Surgeon

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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