

Clinical Trial Protocol

Iranian Registry of Clinical Trials

10 Jun 2026

The comparison of music with relaxation on burn patients' dressing pain intensity.

Protocol summary

Summary

The aim of study was to compare the effect of music and relaxation on dressing pain intensity of burn patients. Inclusion criteria: Patients age 20 to 55 years; Burn surface 36-9%; Partial thickness burns; unintentional burn; able to speak and understand Persian language; Dressing dumped into a routine method; In the 48 hours after the burn and wound closure time before being detained; Do not have ears burn; without mental disorders; without Neurological disorders and numbness in the target burned organs; No extreme difficulty hearing; Interested in instrumental music. Exclusion criteria: unwillingness to cooperate; inability to obtain necessary skills in relaxation; have ears burn; mental disorders; Neurological disorders and numbness in the target burned organs; extreme difficulty hearing; not interested in instrumental music. The population consisted of patients admitted to the burn unit of Tohid Hospital in Sanandaj city and Besat Hospital in Hamadan city. Sample size was estimated 45 patients for each group. The music and relaxation were interventions. It takes 4 months. The primary outcome was pain intensity observed for each patient by means Visual Analogue Scale.

General information

Acronym

IRCT registration information

IRCT registration number: **IRCT2016020826453N1**
Registration date: **2016-07-09, 1395/04/19**
Registration timing: **retrospective**

Last update:

Update count: **0**

Registration date

2016-07-09, 1395/04/19

Registrant information

Name

Hiwa Azami

Name of organization / entity

hamedan university of medical science

Country

Iran (Islamic Republic of)

Phone

+98 87 3362 6310

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Recruitment status

Recruitment complete

Funding source

Hamadan University of Medical Sciences

Expected recruitment start date

2016-02-20, 1394/12/01

Expected recruitment end date

2016-04-20, 1395/02/01

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

The comparison of music with relaxation on burn patients' dressing pain intensity.

Public title

The comparison of music with relaxation on burn patients' dressing pain intensity.

Purpose

Health service research

Inclusion/Exclusion criteria

Inclusion criteria: Patients age 20 to 55 years; Burn surface 36-9%; Partial thickness burns; unintentional burn; able to speak and understand Persian language; Dressing dumped into a routine method; In the 48 hours

after the burn and wound closure time before being detained; Do not have ears burn; without mental disorders; without Neurological disorders and numbness in the target burned organs; No extreme difficulty hearing; Interested in instrumental music. Exclusion criteria: unwillingness to cooperate; inability to obtain necessary skills in relaxation; have ears burn; mental disorders; Neurological disorders and numbness in the target burned organs; extreme difficulty hearing; not interested in instrumental music.

Age

From **20 years** old to **50 years** old

Gender

Both

Phase

N/A

Groups that have been masked

No information

Sample size

Target sample size: **90**

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

Hamadan University of Medical Sciences

Street address

Hamadan

City

Hamadan

Postal code

6617619651

Approval date

2015-06-20, 1394/03/30

Ethics committee reference number

IR.UMSHA.REC.1394.167

Health conditions studied

1

Description of health condition studied

burn

ICD-10 code

T30

ICD-10 code description

Burn and corrosion, body region unspecified

Primary outcomes

1

Description

pain intensity

Timepoint

After dressing

Method of measurement

Visual Analogue Scale

Secondary outcomes

empty

Intervention groups

1

Description

Music therapy group: instrumental music to be played for 20 minutes before dressing for patients.

Category

Treatment - Other

2

Description

The relaxation group: Relaxation was done by patient according to instruction for 20 minutes before dressing.

Category

Other

Recruitment centers

1

Recruitment center

Name of recruitment center

Toohid and Besat Hospitals

Full name of responsible person

Hiwa Azami

Street address

Besat Hospital, Shihid Beheshti Ave.

City

Hamadan

Sponsors / Funding sources

1

Sponsor

Name of organization / entity

Vic-Chncellor of Research and Thecnology, Hamadan University of Medical Sciences

Full name of responsible person

Saeid Bashirian

Street address

Hamadan
City
Hamadan
Grant name
از محل یک درصد بودجه طرح های تحقیقاتی دانشگاه
Grant code / Reference number
Is the source of funding the same sponsor organization/entity?
Yes
Title of funding source
Vic-Chncellor of Research and Thecnology, Hamadan 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

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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