# Clinical Trial Protocol
# Iranian Registry of Clinical Trials

07 Nov 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 estimated45 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
**Email address**
oshvandi@umsha.ac.ir

**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**

**Name of organization / entity**

Hamadan University of Medical Sciences

**Full name of responsible person**

Hiwa Azami

**Position**

Ms.c Critical Care Nursing

**Other areas of specialty/work**

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## Person responsible for scientific inquiries

**Contact**

**Name of organization / entity**

Departmen of Nursing & Midwifery, School of Surgical Nursing

**Full name of responsible person**

Khodayar Oshvandi

**Position**

PhD/Assistant Professor

**Other areas of specialty/work**

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## Person responsible for updating data

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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*