

# Clinical Trial Protocol

## Iranian Registry of Clinical Trials

07 Jul 2026

### The effect of music and Aromatherapy on pain and anxiety in patients undergoing general surgery

#### Protocol summary

##### Summary

The purpose of this study was to investigate the effect of music therapy on anxiety and pain in general surgery and fragrances are. Samples from male and female patients admitted to the general hospital ward of Imam Reza (AS) and the Sinai city of Tabriz, their age is between 15 to 55 years, will be selected. Samples using a random number table into three groups, music therapy, aromatherapy and control will be divided. To no intervention control group was not. Anxiety by all patients before the intervention will be measured in hours rather than the night before surgery. The 8 and 16 hours after surgery while they last at least 3 hours since the last received parenteral analgesics are Anxiety and pain using the VAS scale intervention will be measured after half an hour. Aromatherapy in the intervention group, 10 drops of rose water using a dropper in hand and will be advised Chkandh Then rub palms together, hands in two and a half to five centimeters from nose to breathe and kept for three minutes. In music therapy, the music sounds of nature (water, birds) to use the HiFi Type Marshall 30-15 during the sick will be played.

#### General information

##### Acronym

##### IRCT registration information

IRCT registration number: **IRCT201212186918N15**

Registration date: **2013-09-28, 1392/07/06**

Registration timing: **prospective**

Last update:

Update count: **0**

##### Registration date

2013-09-28, 1392/07/06

##### Registrant information

###### Name

Alehe Seyedrasooli

##### Name of organization / entity

Faculty of Nursing & Midwifery

##### Country

Iran (Islamic Republic of)

##### Phone

+98 41 1479 0365

##### Email address

seyyedrasooly@tbzmed.ac.ir

##### Recruitment status

**Recruitment complete**

##### Funding source

Department of Medical Sciences, Tabriz Tabriz, East Azarbaijan, Iran University of Medical Sciences  
Tbryzdanshgah

##### Expected recruitment start date

2013-10-22, 1392/07/30

##### Expected recruitment end date

2013-12-21, 1392/09/30

##### Actual recruitment start date

empty

##### Actual recruitment end date

empty

##### Trial completion date

empty

##### Scientific title

The effect of music and Aromatherapy on pain and anxiety in patients undergoing general surgery

##### Public title

Comparison of music and aromatherapy

##### Purpose

Prevention

##### Inclusion/Exclusion criteria

Inclusion criteria: Male and female patients 15 to 55 years, patients undergoing surgery (cholecystectomy), the same procedure Exclusion criteria: use of anti-anxiety drugs and herbal medicines, drug addiction (according to patient), and Bhdlshty employment and

health. Should you have any difficulty seeing and hearing and smell, having respiratory problems and allergic to liver problems and kidney surgery complicate the withdrawal from the study at any stage of the intervention (music notes)

#### Age

From **15 years** old to **55 years** old

#### Gender

Both

#### Phase

N/A

#### Groups that have been masked

*No information*

#### Sample size

Target sample size:

#### Randomization (investigator's opinion)

N/A

#### Randomization description

#### Blinding (investigator's opinion)

Single blinded

#### Blinding description

#### Placebo

Not used

#### Assignment

Factorial

#### Other design features

## Secondary Ids

empty

## Ethics committees

### 1

#### Ethics committee

##### Name of ethics committee

Tabriz University of Medical Science

##### Street address

Central Building of Tabriz University of Medical Sciences, Golgasht Avenue, azadi street, Tabriz

##### City

Tabriz

##### Postal code

#### Approval date

2013-09-16, 1392/06/25

#### Ethics committee reference number

9297

## Health conditions studied

### 1

#### Description of health condition studied

cholecystitis

#### ICD-10 code

K80

#### ICD-10 code description

Calculus of gallbladder with acute cholecystitis

## Primary outcomes

### 1

#### Description

Variable Anxiety

#### Timepoint

8 and 16 hour after the surgery

#### Method of measurement

by using VAS scale

### 2

#### Description

variable Pain

#### Timepoint

8 and 16 hour after the surgery

#### Method of measurement

by using VAS scale

## Secondary outcomes

empty

## Intervention groups

### 1

#### Description

Group music therapy intervention: Playing Music Nature sound (birds, water) for 30-15 minutes with Marshall Headphones Type

#### Category

Prevention

### 2

#### Description

Group intervention Aromatherapy: Sniff 10 drops of rose water with a concentration of 10% in the space of two and a half to five centimeters forecast for 30-15 minutes.

#### Category

Prevention

### 3

#### Description

Control group: no action

#### Category

Prevention

## Recruitment centers

### 1

#### Recruitment center

##### Name of recruitment center

Sina Educational Center Affiliated Tabriz university of Medical Sciences ;Iran

##### Full name of responsible person

Aghakishizade Mehdi

##### Street address

Azadi Street, Tabriz, Iran

**City**

Tabriz

**2**

**Recruitment center**

**Name of recruitment center**

Emam Reza Educational Center Affiliated Tabriz university of Medical Sciences ;Iran

**Full name of responsible person**

Aghakishizade Mehdi

**Street address**

Daneshgah Street, Golgasht Street

**City**

Tabriz

**Sponsors / Funding sources**

**1**

**Sponsor**

**Name of organization / entity**

Deputy of Tabriz University of Medical Sciences

**Full name of responsible person**

Dr. Rashidi

**Street address**

Central Building of Tabriz University of Medical Sciences, Golgasht Avenue, azadi street, Tabriz

**City**

Tabriz

**Grant name**

**Grant code / Reference number**

**Is the source of funding the same sponsor organization/entity?**

Yes

**Title of funding source**

Deputy of Tabriz 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**

**Person responsible for scientific inquiries**

**Contact**

**Name of organization / entity**

Faculty of Nursing & Midwifery of Tabriz

**Full name of responsible person**

Seyedrasooli Alehe

**Position**

MS

**Other areas of specialty/work**

**Street address**

South Shariety St , Faculty of Nursing & Midwifery , Tabriz ; Iran

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Tabriz

**Postal code**

**Phone**

+98 41 1479 0365

**Fax**

**Email**

seyyedrasooly@tbzmed.ac.ir

**Web page address**

**Person responsible for updating data**

**Contact**

**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*