

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)

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+98 41 1479 0365

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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

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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