

Clinical Trial Protocol

Iranian Registry of Clinical Trials

18 Sep 2026

The effect of music therapy and semi-fowler position on nausea and vomiting in women with breast cancer

Protocol summary

Summary

This study was conducted to evaluate the effect of music therapy and semi-fowler position on nausea and vomiting in women with breast cancer of 20-60 years. 90 patients who had study criteria's (having a 6-session treatment regimen every 21 days; start the first course of chemotherapy) were divided into 3 groups by using simple random method. The first group involved Music therapy group listened through headphones to own favorite music. Patients in semi-fowler position with an angle of 60-45 degrees, treated with chemotherapy. And the third group of patients did not receive any intervention. During these 24 hours, researchers recorded all information such as measure of the severity of nausea on a visual analogue scale of the patient was marked. To determine frequency of vomiting, using four criteria that range between 0 to 3 is the were determined.

General information

Acronym

IRCT registration information

IRCT registration number: **IRCT201203086918N4**

Registration date: **2012-09-14, 1391/06/24**

Registration timing: **retrospective**

Last update:

Update count: **0**

Registration date

2012-09-14, 1391/06/24

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

Deputy for research, Tabriz University of Medical Sciences

Expected recruitment start date

2011-05-05, 1390/02/15

Expected recruitment end date

2012-05-09, 1391/02/20

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

The effect of music therapy and semi-fowler position on nausea and vomiting in women with breast cancer

Public title

The effect of music and position on nausea and vomiting

Purpose

Prevention

Inclusion/Exclusion criteria

Inclusion criteria: Women with breast cancer (grade 1,2,3; Having a 6-session treatment regimen every 21 days; Start the first course of chemotherapy; Having 20-60 years of age; Having read and write; Lack of vision problems; Not having trouble hearing; Select the protocol of chemotherapy that causes nausea and vomiting; Half hour before receiving chemotherapy as an anti-nausea medication Exclusion criteria: History of previous gastric problems ; Metastases detected at any stage of treatment ; In the absence of blood factors in the range

of normal blood factors will increase the time to ; Lack of patient cooperation to continue; No fill the time of study

Age

From **20 years** old to **60 years** old

Gender

Female

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

University of Medical Sciences

Street address

Faculty of Nursing & Midwifery of Tabriz; Iran

City

Tabriz

Postal code

34751745

Approval date

2012-01-02, 1390/10/12

Ethics committee reference number

9083

Health conditions studied

1

Description of health condition studied

Breast Cancer

ICD-10 code

Z00-Z99

ICD-10 code description

Malignant Neoplasm of Breast

Primary outcomes

1

Description

Nausea

Timepoint

8,16,24 hour after Procedure

Method of measurement

Nausea visual analog scale

2

Description

Vomiting

Timepoint

Duration, 8,16,24 hours after intervention

Method of measurement

Questionnaire

Secondary outcomes

empty

Intervention groups

1

Description

Music Therapy

Category

Prevention

2

Description

Semi-fowler Position

Category

Prevention

3

Description

Without Intervention

Category

Prevention

Recruitment centers

1

Recruitment center

Name of recruitment center

Center of Reza; Mashhad

Full name of responsible person

Mahbobe Pojhan

Street address

Faculty of Nursing & Midwifery of Tabriz

City

Mashhad

Sponsors / Funding sources

1

Sponsor

Name of organization / entity

Deputy of Tabriz University of Medical Sciences

Full name of responsible person

Dr. Reshidi

Street address

Tabriz University of Medical Sciences

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;Iran

Full name of responsible person

Alehe Seyedrasooli

Position

MS

Other areas of specialty/work

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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