

# Clinical Trial Protocol

## Iranian Registry of Clinical Trials

10 Jun 2026

### Reflexology impact on reducing vomiting in patients undergoing chemotherapy Oncology - Hematology Hospital Ali Ibn Abi Talib (AS) University in 1388

#### Protocol summary

##### Summary

Objective: To determine the effect of reflexology on reducing vomiting in patients undergoing chemotherapy Oncology - Hematology Hospital Ali Ibn Abi Talib (AS) University in 1388 Design of study: This study was a quasi-experimental study before and after the clinical trial or the pre-test was conducted with a group Main inclusion criteria: at least one course of chemotherapy and undergone chemotherapy with drugs or treatment of moderate to severe can cause vomiting. Side effects of acute vomiting that has occurred. - Other treatments such as radiation therapy during the study, it is not in the program. - A-day drug regimen should be treated. The main criteria for exclusion from the study: Examples disease such as fever, leukemia, epilepsy, cellulitis and infection, deep vein thrombosis and psychosis and gastric cancer, thrombosis and was paralyzed. (Banned because of the reflections). Examples of disorders and difficulties in the leg were any intervention for them was painful sample size: 35 intervention or interventions studied: massage point feet to reduce vomiting during the intervention: 20 minutes (10 minutes for each leg) outcome or outcomes of the study: the impact of foot massage on reducing vomiting for 4-6 hours.

#### General information

##### Acronym

##### IRCT registration information

IRCT registration number: **IRCT138903163417N2**  
Registration date: **2012-08-27, 1391/06/06**  
Registration timing: **retrospective**

Last update:

Update count: **0**

##### Registration date

2012-08-27, 1391/06/06

#### Registrant information

##### Name

Nazanin Yoosefian Miandoab

##### Name of organization / entity

Zahedan University of Medical Sciences - School of Nursing and Midwifery

##### Country

Iran (Islamic Republic of)

##### Phone

+98 54 1242 9089

##### Email address

j\_ezati@sbmu.ac.ir

#### Recruitment status

##### Recruitment complete

#### Funding source

Reasercher

#### Expected recruitment start date

2009-09-23, 1388/07/01

#### Expected recruitment end date

2010-02-19, 1388/11/30

#### Actual recruitment start date

empty

#### Actual recruitment end date

empty

#### Trial completion date

empty

#### Scientific title

Reflexology impact on reducing vomiting in patients undergoing chemotherapy Oncology - Hematology Hospital Ali Ibn Abi Talib (AS) University in 1388

#### Public title

Reflexology impact on reducing vomiting in patients undergoing chemotherapy

#### Purpose

Other

#### Inclusion/Exclusion criteria

Inclusion criteria: .1 - be alert. (Awareness of time and place and person) 2 - have over 18 years of age 3 - spent at least one course of chemotherapy and chemotherapy with drugs or treatment of moderate to severe can cause vomiting.4 - Side effects of acute vomiting that has occurred. 5 - other treatments such as radiation therapy during the study, it is not in the program. 6 - a-day drug regimen should be treated. Exclusion criteria 1- were examples of women during pregnancy and menstruation. 2 - Examples disease such as fever, leukemia, epilepsy, cellulitis and infection, deep vein thrombosis and psychosis and gastric cancer, thrombosis and was paralyzed. (Banned because of the reflections) 3 - Examples of problems in the leg were impaired and if the intervention was painful for them.

#### **Age**

To **75 years** old

#### **Gender**

Both

#### **Phase**

N/A

#### **Groups that have been masked**

*No information*

#### **Sample size**

Target sample size: **35**

#### **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**

International Branch martyr Beheshti University of Medical Sciences and Health Services

###### **Street address**

Street, Vali-Asr Avenue - martyr Abbaspour (Tavanir) - St. Paul Hammett - No. 19

###### **City**

Tehran

###### **Postal code**

###### **Approval date**

2009-09-20, 1388/06/29

###### **Ethics committee reference number**

676/116

#### **2**

##### **Ethics committee**

###### **Name of ethics committee**

Zahedan University of Medical Sciences

###### **Street address**

Persian Gulf Boulevard - Medical Sciences Campus - Research

###### **City**

Zahedan

###### **Postal code**

###### **Approval date**

2010-01-05, 1388/10/15

###### **Ethics committee reference number**

88-2467

### **Health conditions studied**

#### **1**

##### **Description of health condition studied**

Vomiting caused by chemotherapy

##### **ICD-10 code**

R11

##### **ICD-10 code description**

Nausea and vomiting

### **Primary outcomes**

#### **1**

##### **Description**

Reduce the number of acute vomiting in patients undergoing chemotherapy treatment method using Reflection

##### **Timepoint**

(first 4 hours -second 4 hours - third 4 hours) first 12 hours and second 12 hours after the intervention

##### **Method of measurement**

Questionnaire vomiting (a combination of questionnaires and the Moro National Cancer Institute Toxicity Criteria version 2 manual America)

#### **2**

##### **Description**

Reduce the severity of acute vomiting in patients undergoing chemotherapy treatment method using Reflection

##### **Timepoint**

(first 4 hours -second 4 hours - third 4 hours) first 12 hours and second 12 hours after the interventionr the second

##### **Method of measurement**

Questionnaire vomiting (a combination of questionnaires and the Moro National Cancer Institute Toxicity Criteria version 2 manual America)

### **Secondary outcomes**

empty

## Intervention groups

### 1

#### Description

Control group in this study received anti-vomiting and Granisetron efficacious half-life 12-9 hours, which coincided with the start of chemotherapy were administered 3 mg and the doctor ordered. Granisetron injections per patient since the beginning of chemotherapy and 24 hours (if admitted in part, by the researcher as a person and in case of discharge, a telephone by the researcher) was studied. So the second part of the questionnaire survey vomiting in four separate times by the end of 24 hours were completed. (4 hours, 4 hours, second, third, 4 hours, 12 second).

#### Category

Treatment - Drugs

### 2

#### Description

Samples in the next month (with a distance of 15 to 20 days before the visit) were in the intervention group. Before, the patient explained that in addition to all therapeutic measures that will be done as before, the pressure point for his feet will be and also to ensure patients were in case of vomiting, the drug was injected again. Simultaneously with the start of chemotherapy, drug Granisetron was used but in the case of severe and distressing vomiting or vomiting for 24 hours was more than 5 times; in case of hospitalized patients and vomiting in the drug Granisetron was used and the patient was in attendance and was controlled by telephone from IV metoclopramide was used). Intervention for this group was to put pressure on the solar system. Reflection points for this area, both feet on the floor, just below the center of the foot, connecting the midpoint of the second and third metatarsal bones and in case the patient flat on his back lying down or sitting by fines thumb, press firmly on the area to the pain by the patient at the same point be expressed, were applied in this work from the other fingers and hands other support was used. The first operation was performed on the right foot then left foot (10 minutes for each leg). After the massage, the patient started chemotherapy and reflexology performed by researchers at four separate time from the questionnaires were completed by the second part (4 hours, 4 hours, second, third, 4 hours, 12 second).

#### Category

Prevention

## Recruitment centers

### 1

#### Recruitment center

##### Name of recruitment center

Ali Ibn Abi Talib Hospital in Zahedan

##### Full name of responsible person

#### Street address

#### City

Zahedan

## Sponsors / Funding sources

### 1

#### Sponsor

##### Name of organization / entity

Research Assistance Shahid Beheshti Nursing and Midwifery University

##### Full name of responsible person

Farideh Yaghmayi

##### Street address

Tehran - Shariati St - end Mirdamad Alley - Gift - Graduate School of Nursing and Midwifery martyr Beheshti

##### City

Tehran

#### Grant name

#### Grant code / Reference number

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

Yes

#### Title of funding source

Research Assistance Shahid Beheshti Nursing and Midwifery University

#### 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

University School of Nursing

##### Full name of responsible person

Nazanin Yousefian Miandoab

##### Position

Master of Nursing

##### Other areas of specialty/work

##### Street address

Zahedan - Blvarbhdasht - Circle of Mashahir - University School of Nursing

##### City

Zahedan

##### Postal code

##### Phone

+98 54 1322 6386

##### Fax

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n.yoosefian@yahoo.com

##### Web page address

## Person responsible for scientific inquiries

### Contact

**Name of organization / entity**

Shahid Beheshti Nursing and Midwifery University

**Full name of responsible person**

Ezzati Jaleh

**Position**

MS in Nursing

**Other areas of specialty/work****Street address**

Tehran - Shariati St - end Mirdamad Alley - Gift -  
Graduate School of Nursing and Midwifery martyr  
Beheshti

**City**

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**Postal code****Phone**

+98 22229648

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j\_ezati@sbmu.ac.ir

**Web page address**

## Person responsible for updating data

### Contact

**Name of organization / entity**

Shahid Beheshti Nursing and Midwifery University

**Full name of responsible person**

Ezzati Jaleh

**Position**

MS in Nursing

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**Web page address**

## 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*