

Clinical Trial Protocol

Iranian Registry of Clinical Trials

24 Jul 2026

Comparison The Effect of Auricular Acupressure and routine drug on chemotherapy induced Nausea and Vomiting in cancer patients

Protocol summary

Summary

The objective of this study is determination the effect of Auricular acupressure on nausea and vomiting in patients undergoing chemotherapy. This study is a cross over clinical trial. The study population included 48 patients who referred to Rassoul Akram hospital and Institute cancer. The eligibility criteria included patients Aged 18-65 years, who will be under the first time chemotherapy with cisplatin and anthracycline. Patients who have the history of acupressure during 3 months ago or take anti-emetic drugs, individuals who are reluctant to complete the study will be excluded. After obtaining inform consent, stratified randomized block design sampling method will be used to recruit the study subjects. The control group will receive usual treatment of nausea and vomiting like anti-emetic drugs, but in the intervention group, an auricular acupressure contains specific plant seeds will be applied to their ears besides the routine treatment. The pressure will be applied to the certain points like Shen Men by researcher. As the seeds remains on the ear for 5 days, patients will be trained to press this point three times a day for 3 minute each time (morning, noon and night). To assess the nausea and vomiting, Morrow questionnaire will be completed for the subsequent 5 days by both the intervention and the control group. After an interval 3 weeks, in the second line of chemotherapy a cross-over was performed. The questionnaire will be completed again, then the first and second phase data will be compared.

General information

Acronym

IRCT registration information

IRCT registration number: **IRCT2013120415649N1**

Registration date: **2014-06-14, 1393/03/24**

Registration timing: **registered_while_recruiting**

Last update:

Update count: **0**

Registration date

2014-06-14, 1393/03/24

Registrant information

Name

Mohammad Eghbali

Name of organization / entity

Torbat Heydariyeh University of Medical Sciences

Country

Iran (Islamic Republic of)

Phone

+98 51 5242 1257

Email address

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Recruitment status

Recruitment complete

Funding source

Vice chancellor for research, Tehran University of Medical Science

Expected recruitment start date

2014-02-09, 1392/11/20

Expected recruitment end date

2014-06-21, 1393/03/31

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

Comparison The Effect of Auricular Acupressure and routine drug on chemotherapy induced Nausea and Vomiting in cancer patients

Public title

The effect of Auricular acupressure on nausea and vomiting induced by chemotherapy

Purpose

Health service research

Inclusion/Exclusion criteria

Inclusion criteria: patients Aged 18-65 years, who will be under the first time chemotherapy with cisplatin and anthracycline, have a normal ear or no injury, Patients who have the history of acupressure during 3 months ago or take anti-emetic drugs, individuals who are reluctant to complete the study will be excluded.

Age

From **18 years** old to **65 years** old

Gender

Both

Phase

N/A

Groups that have been masked

No information

Sample size

Target sample size: **48**

Randomization (investigator's opinion)

Randomized

Randomization description**Blinding (investigator's opinion)**

Not blinded

Blinding description**Placebo**

Not used

Assignment

Crossover

Other design features**Secondary Ids**

empty

Ethics committees**1****Ethics committee****Name of ethics committee**

Ethics committee of Tehran University of Medical Science

Street address

Sixth Floor, Central Organization of University, Qods St, Keshavarz Blvd

City

Tehran

Postal code**Approval date**

2014-02-17, 1392/11/28

Ethics committee reference number

2709/130/92/3

Health conditions studied**1****Description of health condition studied**

Chemotherapy Induce Nausea and Vomiting

ICD-10 code

R11

ICD-10 code description

Nausea and vomiting

Primary outcomes**1****Description**

Acute and delayed nausea

Timepoint

Data are gathered for five days after starting chemotherapy

Method of measurement

Morrow questionnaire

Secondary outcomes**1****Description**

Acute and delayed vomiting

Timepoint

Data are gathered for five days after starting chemotherapy

Method of measurement

Morrow questionnaire

Intervention groups**1****Description**

In the control group, standard antiemetics prescribed by a physician only will be use.

Category

Other

2**Description**

In the intervention group, an auricular acupressure contains specific plant seeds will be applied to their ears besides the routine treatment. The pressure will be applied to the certain points like Shen Men by researcher. As the seeds remains on the ear for 5 days, patients will be trained to press this point three times a day for 3 minute each time (morning, noon and night).

Category

Other

Recruitment centers**1****Recruitment center****Name of recruitment center**

Cancer Institute of Imam Khomeini Hospital in Tehran

Full name of responsible person

Mohammad Eghbali

Street address

Cancer Institute Central 2, Dr. Gharib St.

City
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2

Recruitment center

Name of recruitment center

Rasoul akram hospital

Full name of responsible person

Mohammad Eghbali

Street address

Niayesh St, sattarkhan St.

City
Tehran

Sponsors / Funding sources

1

Sponsor

Name of organization / entity

Vice chancellor for research, Tehran University of Medical Sciences

Full name of responsible person

Doctor Masood Younesian - Vice President of Research and Technology

Street address

Keshavarz St, Qods St., Central Building, Sixth Floor, Tehran University of Medical Sciences, Tehran

City
Tehran

Grant name

Grant code / Reference number

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

Yes

Title of funding source

Vice chancellor for research, Tehran 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

Tehran University of Medical Sciences

Full name of responsible person

Mohamad Eghbali

Position

Nursing Graduate Student

Other areas of specialty/work

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Person responsible for scientific inquiries

Contact

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PhD in Nursing

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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