Clinical Trial Protocol
Iranian Registry of Clinical Trials

07 Nov 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
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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/د

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

Tehran

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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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