Clinical Trial Protocol
Iranian Registry of Clinical Trials

07 Nov 2026

Effect of Adding Ginger to Current Treatment on the Intensity of Nausea and Vomitting in Cancer Chemotherapy

Protocol summary

Summary

Introduction: nausea and vomiting caused by chemotherapy is the most important complication and discomfort for cancer' patients. Nausea and vomiting causes physiologic and electrolyte disorders, Immunity system changes, Nutrition disorders and rupture of esophagus and effect in the quality of life and continuing of patients treatment. Ginger is one vegetable and effective drug for the treatment of nausea and vomiting and doesn't have any special side effects and some countries use it tor produce antiemetic drugs. Objective : This study aims to determine the effect of ginger on the severity of chemotherapy induced nausea and vomiting in cancer patients. Material and Methods: This study is a randomized, cross-over, double – blinded, clinical trial, done on 44 cancer patients undergoing chemotherapy. In the first cycle of the study, Patients randomly assigned by four block random allocation to receive one of the antiemetic regimen (regimen A (routine + 1 gr ginger) and regimen B(routine +1gr Placebos). In the next cycle of chemotherapy , 28 days after the previous cycle another regimen (A or B) administrated together with chemotherapy drugs. The severity of the nausea and vomiting were measured in 4h (1,2,3,4 (hours) after second dose and at the end of the 24h after receiving first dose by using of VAS and kortila tools . Key word: Drug Therapy/ Ginger/ Nausea/ Neoplasms/ Oncologic Nursing/ Vomiting

General information

Acronym

IRCT registration information

IRCT registration number: **IRCT138706111174N1**
Registration date: **2010-12-29, 1389/10/08**
Registration timing: **retrospective**

Last update:
Update count: **0**

Registration date

2010-12-29, 1389/10/08

Registrant information

Name
Atefeh Ghanbari
Name of organization / entity
Guilan University of Medical Sciences
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Iran (Islamic Republic of)
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Recruitment status

Recruitment complete

Funding source

Vice chancellor for research, Guilan University of Medical Sciences

Expected recruitment start date

2007-08-23, 1386/06/01

Expected recruitment end date

2008-02-20, 1386/12/01

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

Effect of Adding Ginger to Current Treatment on the Intensity of Nausea and Vomitting in Cancer Chemotherapy

Public title

Effects of ginger on Nausea and vomiting

Purpose

Prevention

Inclusion/Exclusion criteria
Inclusion criteria: age more than 18 years old, having experience of chemotherapy along with nausea and vomit, having minimum two chemotherapy periods containing of 50-100 milligram per square meter of sys-platinum, individually or along with other factors of chemotherapy with the similar amount and method of prescription in two chemotherapy cycles without any plan for radiotherapy between two cycles, Remaining in the ward for a period of 24 hours (in order to study of the PRN anti-nausea drugs), Not having nausea and vomit for reasons other than chemotherapy, non-receiving anti-nausea and anti-vomit drugs during the past 24 hours, not receiving treatment with Corticosteroid Drugs during the studied cycles, not-suffering from Hepatitis, obstruction of digestion system, cerebral malignancy or cerebral metastasis and coagulation disorders (plaque less than 100000 per cubic millimeter) based on the registered information in the file and not consuming any anti-coagulation drug. Exclusion criteria: radiothearpy during research, severe nausea and vomiting, not able to eat capsule, stop chemotherapy for any reasons, sever gastroenteritis

Age
From **18 years** old

Gender
Both

Phase
N/A

Groups that have been masked
No information

Sample size
Target sample size: **44**

Randomization (investigator's opinion)
Randomized

Randomization description

Blinding (investigator's opinion)
Double blinded

Blinding description

Placebo
Used

Assignment
Crossover

Other design features

Secondary Ids

empty

Ethics committees

1

Ethics committee

Name of ethics committee
Ethics committee of Guilan University of Medical Sciences

Street address
Guilan , Rasht,Guilan University of Medical Sciences

City
Rasht

Postal code
0098

Approval date
2007-07-25, 1386/05/03

Ethics committee reference number
2256

Health conditions studied

1

Description of health condition studied
neoplasm

ICD-10 code
coo-c97

ICD-10 code description
c97

Primary outcomes

1

Description
nausae and vomiting

Timepoint
1, 2, 3, 4, 24 hours

Method of measurement
cheklist

Secondary outcomes

1

Description
nausea and vomiting

Timepoint
28 days after first dose drugs , (change regime A,B) and after that for 1, 2,3,4 and 24 after that , nause and vomit was assessed

Method of measurement
cortilla tool

Intervention groups

1

Description
In the first cycle of the study, patients received one of the antiemetic regimen, regimen A (routine + 1 gr ginger) or regimen B (routine +1gr Placebos)

Category
Treatment - Drugs

2

Description
In the next cycle of chemotherapy , 28 days after the previous cycle another regimen (A or B) administrated together with chemotherapy drugs

Category
Treatment - Drugs

Recruitment centers

1

Recruitment center

Name of recruitment center
Guilan University of Medical Sciences (hematology and cancer research center)

Full name of responsible person
Aefeh Ghanbari

Street address
Namjoo Street , Guilan University of Medical Sciences

City
Rasht

Sponsors / Funding sources

1

Sponsor

Name of organization / entity
vice chancellor for research , Guilan University of Medical Sciences

Full name of responsible person
Dr Abdolrasoul Sobhani

Street address
Namjoo Street , Guilan University of Medical Sciences

City
Rasht

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 , Guilan 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
Guilan University of Medical Sciences

Full name of responsible person
Atefeh Ghanbari

Position
PHD

Other areas of specialty/work

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Person responsible for updating data

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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