

Clinical Trial Protocol

Iranian Registry of Clinical Trials

24 Jun 2026

Effect of Adding Ginger to Current Treatment on the Intensity of Nausea and Vomiting 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 to 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

Country

Iran (Islamic Republic of)

Phone

+98 13780509

Email address

at_ghanbari@gums.ac.ir

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 Vomiting 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: radiotherapy 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

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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