

Clinical Trial Protocol

Iranian Registry of Clinical Trials

09 Jun 2026

Effect of ginger in preventing nausea and vomiting after surgery in patients referred to Imam Hossein Hospital (AS) anymore 89-1388

Protocol summary

Summary

Post-operative nausea and vomiting (PONV) is one of the most common complications of patients under surgery and usually occurs after any protocol of general anesthesia. Previous results showed that synthetic drugs have adverse effects therefore use of other methods such as complementary and alternative therapy may be useful as a therapeutic or supportive as an independent method or standard therapy in improving treatment of patients. The purpose of this study was to examine the effect of ginger in preventing Post-operative nausea and vomiting (PONV). This study is a randomized, double-blinded and clinical trial Among patients admitted to hospital for abdominal surgery, those free from cancer and willing to participate. All eligible patients are randomly assigned by fourth block method in two groups A (68) and B(68). Participants receive in Group A, 4 capsules of ginger and participate in Group B, 4 capsules or placebo 1 hour before surgery. The severity of nausea in both groups measure with using a structured questionnaire and Visual analogue scale at 2, 4 and 6 hours after surgery using and the severity of vomiting is measure with a Kortila standard tool. The data analyze with using descriptive and inferential statistics

General information

Acronym

IRCT registration information

IRCT registration number: **IRCT138805202329N1**

Registration date: **2011-08-01, 1390/05/10**

Registration timing: **registered_while_recruiting**

Last update:

Update count: **0**

Registration date

2011-08-01, 1390/05/10

Registrant information

Name

Akram Sadat Montazeri

Name of organization / entity

Shahroud University Of Medical Sciences

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Recruitment status

Recruitment complete

Funding source

Deputy of shahroud of University Medical sciences

Expected recruitment start date

2010-01-21, 1388/11/01

Expected recruitment end date

2011-11-22, 1390/09/01

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

Effect of ginger in preventing nausea and vomiting after surgery in patients referred to Imam Hossein Hospital (AS) anymore 89-1388

Public title

Effect of ginger in nausea and vomiting after surgery

Purpose

Prevention

Inclusion/Exclusion criteria

Inclusion criteria: ages between 18-64 years, the ability of swallowing capsules used in the study, the platelet count over a hundred thousand, no risk of bowel obstruction or hepatitis, no pregnancies, no drugs or

anti-nausea and vomiting, and drugs causing it lack of long-term treatment with corticosteroids, the lack of sensitivity to history is Ginger

Age

From **18 years** old to **64 years** old

Gender

Both

Phase

N/A

Groups that have been masked

No information

Sample size

Target sample size: **136**

Randomization (investigator's opinion)

Randomized

Randomization description

Blinding (investigator's opinion)

Double blinded

Blinding description

Placebo

Used

Assignment

Parallel

Other design features

Secondary Ids

empty

Ethics committees

1

Ethics committee

Name of ethics committee

shahroud University Medical of sciences

Street address

Haft Tir Square-Shahroud University of Medical Sciences

City

shahroud

Postal code

Approval date

2009-08-22, 1388/05/31

Ethics committee reference number

01/880

Health conditions studied

1

Description of health condition studied

Post-operative nausea and vomiting

ICD-10 code

R11

ICD-10 code description

Postprocedural disorder of digestive system, unspecified

Primary outcomes

1

Description

Nausea and Vomiting

Timepoint

2 ,4 and 6Hours after Operation

Method of measurement

Observation and complete Tool

Secondary outcomes

empty

Intervention groups

1

Description

4 x 250-mg capsules of ginger, which was given 1 h before surgery

Category

Prevention

2

Description

4 x 250-mg capsules of placebo, which was given 1 h before surgery

Category

Treatment - Drugs

Recruitment centers

1

Recruitment center

Name of recruitment center

Imam hossein hospital

Full name of responsible person

Eisa Nasiri

Street address

shahroud University of medical sciences

City

Shahroud

Sponsors / Funding sources

1

Sponsor

Name of organization / entity

Shahroud University of medical sciences

Full name of responsible person

Ahmad Khosravi

Street address

Shahroud university of Medical Sciences

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Grant name

Grant code / Reference number

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

Yes

Title of funding source

Shahroud 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

Shahroud University of Medical Sciences

Full name of responsible person

Azam Hamidzade

Position

MSc of educational Midwifery

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