Clinical Trial Protocol
Iranian Registry of Clinical Trials

08 Nov 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 therefor use of other methods such as complementary and alternative therapy may be useful as a therapeutic or suppoative 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 assigne by fourth block method in two groups A (68) and B(68). participates receive in Group A, 4 capsules of ginger and participates 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
Country
Iran (Islamic Republic of)
Phone
+98 27 3333 6501
Email address
montazeri@shmu.ac.ir

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 64-18 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

City
Shahroud

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

Street address

Haft Tir Square-Shahroud University of Medical Sciences

City

Shahroud

Postal code

3614773955

Phone

+98 27 3339 5054

Fax

+98 27 3339 4800

Email

azhamidzade@yahoo.com

Web page address

Person responsible for scientific inquiries

Contact

Name of organization / entity

Shahroud University of Medical Sciences

Full name of responsible person

Akram sadat montazeri

Position

MSc of Nursing/ Faculty

Other areas of specialty/work

Street address

Haft Tir Square-Shahroud University of Medical Sciences

City

shahroud

Postal code

3614773955

Phone

+98 27 3339 5054

Fax

+98 27 3339 4800

Email

m.2009@shmu.ac.irmontazeri@shmu.ac.ir

Web page address

Person responsible for updating data

Contact

Name of organization / entity

Shahroud University of Medical Sciences

Full name of responsible person

Akram sadat Montazeri

Position

MSc of Nursing /Faculty

Other areas of specialty/work

Street address

Haft Tir Square-Shahroud University of Medical Sciences

City

Shahroud

Postal code

3614773955

Phone

+98 27 3339 5054

Fax

+98 33 94800

Email

m.2009@shmu.ac.irmontazeri@shmu.ac.ir

Web page address

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