

# 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

##### 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 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

###### 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

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**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*