Clinical Trial Protocol
Iranian Registry of Clinical Trials

10 Jun 2026

The efficacy of Ginger in reducing post operative nausea and vomiting in infertilized women after gynecologic laparoscopic surgery

Protocol summary

Summary

This study is a randomized, double-blinded, placebo-controlled trial which determines the efficacy of Ginger in reducing post operative nausea and vomiting in infertilized women after gynecologic laparoscopic surgery. A total number of 100 patients, aged between 20 to 50 years who were satisfied in participating in this study and referred to Tehran Taleghani Hospital for gynecologic laparoscopic surgery have selected. If they have the following features, will be excluded from the study: patients with ASA grade 3 and above, diabetic patients , smokers, patients with a history of gastriintestinal tract problems, consumers of calcium channel blocker drugs or anticoagulant drugs such as aspirin, warfarin, and ... , Alcoholics. Clinical outcomes in this study are post operative nausea and vomiting . The patients are divided into two groups by random allocation. Group A received two capsules of placebo. The patients in group B receive two capsules of Ginger (each capsule contained 250 miligram of powdered Ginger).The intensity of nausea is measured with verbal 11-point numeric rating scale (NRS) and the vomiting by the times of each episode of it by asking from patients at 0-2-6-24 hours after surgery.

General information

Acronym

IRCT registration information

IRCT registration number: **IRCT201110017681N1**
Registration date: **2011-10-16, 1390/07/24**
Registration timing: **registered_while_recruiting**

Last update:
Update count: **0**

Registration date

2011-10-16, 1390/07/24

Registrant information

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Recruitment status

Recruitment complete

Funding source

Anesthesia Research Center of Shahid Beheshti University Of Medical Sciences

Expected recruitment start date

2011-02-20, 1389/12/01

Expected recruitment end date

2012-02-20, 1390/12/01

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

The efficacy of Ginger in reducing post operative nausea and vomiting in infertilized women after gynecologic laparoscopic surgery

Public title

The efficacy of Ginger in reducing post operative nausea and vomiting in infertilized women after gynecologic laparoscopic surgery

Purpose

Treatment

Inclusion/Exclusion criteria

Inclusion: patients aged between 20 to 50 years who are

satisfied in participating in the study and referred to Tehran Taleghani Hospital for gynecologic laparoscopic surgery. Exclusion: patients with ASA grade 3 and above; diabetic patients; smokers; patients with a history of gastriintestinal tract problems; consumers of calcium channel blocker drugs or anticoagulant drugs such as aspirin, warfarin, and ... ; Alcoholics.

Age
From **20 years** old to **50 years** old

Gender
Female

Phase
2-3

Groups that have been masked
No information

Sample size
Target sample size: **100**

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
Tabriz University of Medical Sciences

Street address
Golgasht, Azadi street

City
Tabriz

Postal code

Approval date
2011-02-20, 1389/12/01

Ethics committee reference number
5/4/9595

Health conditions studied

1

Description of health condition studied
post operative nausea and vomiting

ICD-10 code
R11

ICD-10 code description
Nausea and vomiting

Primary outcomes

1

Description
post operative vomiting

Timepoint
0-2-6-24 hours after surgery

Method of measurement
frequency of vomiting

Secondary outcomes

1

Description
post operative nausea

Timepoint
0-2-6-24 hours after surgery

Method of measurement
The intensity of nausea is measured with verbal 11-point numeric rating scale (NRS), with which the patient is asked to rate severity of nausea between 0 and 10, with 0 corresponding to no symptoms and 10 corresponding to worst possible symptoms.

Intervention groups

1

Description
Group A: two capsules of placebo

Category
Placebo

2

Description
Group B: two capsules of Ginger (each capsule contained 250 milligram of powdered Ginger).

Category
Treatment - Drugs

Recruitment centers

1

Recruitment center

Name of recruitment center
Taleghani Hospital

Full name of responsible person

Street address

City
Tehran

Sponsors / Funding sources

1

Sponsor

Name of organization / entity

Anesthesia Research Center of Shahis Beheshti University Of Medical Sciences

Full name of responsible person

Dr. Maryam Vosoughian\Associated Professor of Shahid Beheshti University Of Medical Sciences

Street address

next to the Shahid Beheshti University of Medical Sciences, Evin

City

Tehran

Grant name

Grant code / Reference number

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

Yes

Title of funding source

Anesthesia Research Center of Shahis Beheshti 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

Tabriz University Of Medical Sciences

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Position

Resident

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