Clinical Trial Protocol
Iranian Registry of Clinical Trials

07 Nov 2026

Effects of capsules of ginger on nausea and vomiting after laparoscopic cholecystectomy

Protocol summary

Summary
This study aimed to evaluate the effects of capsules of Ginger on nausea and vomiting after laparoscopy cholecystectomy surgery. This clinical trail is randomized, double - blind and single center which controlled by placebo. inclusion criteria include: female, elective laparoscopy Cholecystectomy, informed consent and lack of allergy to Ginger. Exclusion criteria include: Any allergy to Ginger and unwillingness to cooperate in the study. In this study , 150 patients(female) admitted to the surgery ward of Imam Reza hospital in Mashhad are divided into two groups A and B. One hour before surgery, in group A two placebo capsules and in group B two Zyntoma capsules (manufactured by Goldaroo contain 500 mg of Ginger) with 50 ml of water is given to the patients.

General information

Acronym
complementary medicine
IRCT registration information
IRCT registration number: **IRCT2016122222218N2**
Registration date: **2017-01-17, 1395/10/28**
Registration timing: **retrospective**

Last update:
Update count: **0**
Registration date
2017-01-17, 1395/10/28

Registrant information
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Name of organization / entity
Neyshabour University of Medical Sciences
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Recruitment status
Recruitment complete
Funding source
Mashhad University of Medical Sciences

Expected recruitment start date
2016-04-07, 1395/01/19
Expected recruitment end date
2016-11-09, 1395/08/19
Actual recruitment start date
empty
Actual recruitment end date
empty
Trial completion date
empty

Scientific title
Effects of capsules of ginger on nausea and vomiting after laparoscopic cholecystectomy

Public title
Effects of capsules of ginger on nausea and vomiting after laparoscopic cholecystectomy
Purpose
Prevention
Inclusion/Exclusion criteria
Inclusion criteria: Females Obtaining informed consent People undergoing elective laparoscopic cholecystectomy Lack of Sensitivity to medicinal plants Ginger Exclusion criteria: The patient's unwillingness to continue to cooperate The occurrence of any allergies and adverse to the ginger
Age
No age limit
Gender
Female

Phase
2-3
Groups that have been masked
No information
Sample size
Target sample size: **150**
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
Mashhad University of Medical Sciences
Street address
Mashhad University of Medical Sciences
City
mashhad
Postal code
Approval date
2016-03-09, 1394/12/19
Ethics committee reference number
IR,MUMS.sm.REC.1394.358

Health conditions studied

1

Description of health condition studied
Cholecystitis
ICD-10 code
K81
ICD-10 code description
Cholecystitis

Primary outcomes

1

Description
Nausea
Timepoint
In the four levels after surgery (6.4.2 and 12 hours after surgery)
Method of measurement
Nausea based on the severity of nausea (NRS) and vomiting on the based of the number of vomiting after vigilance to 12 hours after surgery

2

Description
Vomiting
Timepoint
In the four levels after surgery (6.4.2 and 12 hours after surgery)
Method of measurement
Nausea based on the severity of nausea (NRS) and vomiting on the based of the number of vomiting after vigilance to 12 hours after surgery

Secondary outcomes

empty

Intervention groups

1

Description
Control group: One hour before surgery, two capsules of placebo with 50 ml of water is given to the patients.
Category
Placebo

2

Description
Intervention group: One hour before surgery, two capsules of 250 mg of ginger (as covered and unknown to the experimenter) with 50 ml of water is given to the patients.
Category
Treatment - Drugs

Recruitment centers

1

Recruitment center
Name of recruitment center
Imam Reza Hospital of mashhad
Full name of responsible person
mohammad hasan namaei
Street address
Mashhad University of Medical Sciences
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Sponsors / Funding sources

1

Sponsor
Name of organization / entity
Mashhad University of Medical Sciences
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City

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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

Mashhad 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

Mashhad University of Medical Sciences

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Position

Anesthesiologist

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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