Clinical Trial Protocol
Iranian Registry of Clinical Trials

09 Jun 2026

The influence of oral Ginger before operation on nausea and vomiting after cataract surgery under general anesthesia: A double-blind placebo-controlled randomized clinical trial.

Protocol summary

Summary

This study is conducted in order to determinate the influence of ginger orally on pain, nausea and vomiting after cataract surgery under general anesthesia. The study is done in Phase II clinical trials and single-center, double-blind. The study population is volunteer's cataract surgery patients in Tohid Hospital in Sanandaj. Based on inclusion criteria and attrition rate 129 participants are Purposefully selected. Randomization will be done using sealed envelopes and Participants are randomly allocated into two interventions and one placebo-control groups. Inclusion criteria included; surgical candidates; volunteered to participate in the study; lack of underlying chronic medical conditions; lack of nausea and vomiting; under general anesthetic with a specific drug. Exclusion criteria included cancel surgery, Patient's withdrawal from the research, cancel surgery and unpredicted events during surgery such as cardiac arrest or patient's death. In the first intervention group, the patients were given two capsules each of them 500 mg ginger at 6 a.m. before the operation. As of the second group, they were given two capsules each of them 500 mg ginger at 10 p.m. and 6 a.m. before the operation. In the control group, they were given a placebo capsule similar to capsules each of them 500 mg ginger at 6 a.m. before the operation. Based on Visual Analog Scale (VAS) as standard tool; severity of pain and nausea are recorded from zero to ten up to six hours after surgery. Incidences of pain, nausea and vomiting are recorded in the information sheet.

General information

Acronym

IRCT registration information

IRCT registration number: **IRCT2015062122853N1**
Registration date: **2016-08-18, 1395/05/28**
Registration timing: **retrospective**

Last update:
Update count: **0**

Registration date

2016-08-18, 1395/05/28

Registrant information

Name
Simin Nazarian
Name of organization / entity
Kurdistan University of Medical Sciences
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Iran (Islamic Republic of)
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Recruitment status

Recruitment complete

Funding source

Vice chancellor for research, Kurdistan University of Medical Sciences

Expected recruitment start date

2015-06-15, 1394/03/25

Expected recruitment end date

2016-03-18, 1394/12/28

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

The influence of oral Ginger before operation on nausea and vomiting after cataract surgery under general

anesthesia: A double-blind placebo-controlled randomized clinical trial.

Public title
The influence of oral Ginger on nausea and vomiting after cataract surgery
Purpose
Supportive
Inclusion/Exclusion criteria
Inclusion criteria included; surgical candidates; volunteered to participate in the study; lack of underlying medical conditions (diabetes, chronic respiratory disease, chronic heart disease, kidney disorders, liver kidney disorders, kidney disorders, dementia, Alzheimer's disease and other acute or chronic disorders);Lack of preoperative nausea and vomiting; is to using general anesthesia with a specific drugs including propofol or thiopental. Exclusion criteria included Patient’s withdrawal from the research, cancel surgery, and unpredicted events during surgery such as cardiac arrest or patient’s death
Age
No age limit
Gender
Both

Phase
2
Groups that have been masked
No information
Sample size
Target sample size: **129**
Randomization (investigator's opinion)
Randomized
Randomization description
Blinding (investigator's opinion)
Double blinded
Blinding description
Placebo
Used
Assignment
Parallel
Other design features
Randomization is done using sealed envelopes

Secondary Ids

1

Registry name
-
Secondary trial Id
-
Registration date
empty

Ethics committees

1

Ethics committee
Name of ethics committee
Ethic committee of Kurdistan University of Medical Sciences
Street address
Kurdistan University of Medical Sciences, after Qods Hospital, Pasdaran street, Sanandaj, postal code:13446-66177
City
Sanandaj
Postal code
6617713446
Approval date
2015-01-19, 1393/10/29
Ethics committee reference number
IR.MUK.REC.93.132

Health conditions studied

1

Description of health condition studied
cataract
ICD-10 code
H25.9
ICD-10 code description
Combined forms of senile cataract

Primary outcomes

1

Description
Pain
Timepoint
From the moment of admission to recovery up to six hours after surgery. At the moment of admission to the ward after surgery and at 2, 4, and 6 hours after admission to the ward.
Method of measurement
Incidences of pain are recorded in the information sheet. Based on Visual Analog Scale (VAS) as standard tool; severity of pain is rated from zero to ten.

2

Description
nausea
Timepoint
From the moment of admission to recovery up to six hours after surgery. At the moment of admission to the ward after surgery and at 2, 4, and 6 hours after admission to the ward.
Method of measurement
Incidences of nausea are recorded in the information sheet. Based on Visual Analog Scale (VAS) as standard tool; severity of nausea is rated from zero to ten.

3

Description
vomiting
Timepoint
From the moment of admission to recovery up to six

hours after surgery. At the moment of admission to the ward after surgery and at 2, 4, and 6 hours after admission to the ward.

Method of measurement

Incidence of vomiting is recorded in the information sheet.

Secondary outcomes

1

Description

-

Timepoint

-

Method of measurement

-

Intervention groups

1

Description

Intervention group 2: the patients were given two capsules each of them 500 mg ginger at 10 p.m. and 6 a.m. before the operation.

Category

Treatment - Drugs

2

Description

Control group: the patients were given a placebo capsule similar to capsules each of them 500 mg ginger at 6 a.m. before the operation.

Category

Treatment - Drugs

3

Description

intervention group1: the patients were given two capsules each of them 500 mg ginger at 6 a.m. before the operation

Category

Treatment - Drugs

Recruitment centers

1

Recruitment center

Name of recruitment center

Tohid Hospital

Full name of responsible person

Simin Nazarian

Street address

Tohid Hospital, Tohid Street, Sanandaj

City

Sanandaj

Sponsors / Funding sources

1

Sponsor

Name of organization / entity

Vice Chancellor for research and technology of Kurdistan University of Medical Sciences

Full name of responsible person

Farzin Rezaee

Street address

Vice Chancellor for research and technology of Kurdistan University of Medical Sciences, after Qods Hospital, Sanandaj, code:66177-13446

City

Sanandaj

Grant name

-

Grant code / Reference number

-

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

Yes

Title of funding source

Vice Chancellor for research and technology of Kurdistan 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

Kurdistan University of medical sciences

Full name of responsible person

Simin Nazarian

Position

Faculty member/MS.C

Other areas of specialty/work

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Jamal Seidi

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ph.D/Assistant professor

Other areas of specialty/work

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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