

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

Country

Iran (Islamic Republic of)

Phone

+98 87 3366 4645

Email address

nazarian.simin@muk.ac.ir

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

Street address

Kurdistan University of Medical Sciences, after Qods Hospital, Sanandaj, code:66177-13446

City

Sanandaj

Postal code

66177-13446

Phone

+98 87 3182 7474

Fax

+98 87 3366 0092

Email

Sara_nazarian@yahoo.comNazarian.simin@muk.ac.ir

Web page address

Person responsible for scientific inquiries

Contact

Name of organization / entity

Kurdistan University of Medical Sciences

Full name of responsible person

Jamal Seidi

Position

ph.D/Assistant professor

Other areas of specialty/work**Street address**

Kurdistan University of Medical Sciences, after Qods Hospital, Sanandaj, code:66177-13446

City

Sanandaj

Postal code

66177-13446

Phone

+98 87 3182 7464

Fax

+98 87 3366 0092

Email

jamal.seidi@yahoo.com jamal.seidi@muk.ac.ir

Web page address

Person responsible for updating data

Contact

Name of organization / entity

Kurdistan University of Medical Sciences

Full name of responsible person

Jamal Seidi

Position

Assistant professor/ph.D

Other areas of specialty/work**Street address**

Kurdistan University of Medical Sciences, after Qods Hospital, Sanandaj, code:66177-13446

City

Sanandaj

Postal code

66177-13446

Phone

+98 87 3182 7464

Fax

+98 87 3366 0092

Email

jamal.seidi@yahoo.com jamal.seidi@muk.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