# Clinical Trial Protocol
# Iranian Registry of Clinical Trials

09 Nov 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**

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## Person responsible for scientific inquiries

**Contact**

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**Full name of responsible person**
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ph.D/Assistant professor

**Other areas of specialty/work**

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## Person responsible for updating data

**Contact**

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Jamal Seidi

**Position**
Assistant professor/ph.D

**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*