

# Clinical Trial Protocol

## Iranian Registry of Clinical Trials

10 Jun 2026

### Effect of inhalation of ginger essence on nausea and vomiting after nephrectomy

#### Protocol summary

##### Summary

In this randomized clinical study, single blind for experimental groups, 120 eligible patient will randomly be allocated between the intervention and the control group. After surgical procedure, When patients are transferred to the recovery room, in the intervention group 2 drops of ginger essence will be dripped on A2\*2 gaze and this will be repeated every 15 minute during 2 hours of patients stay in recovery room. Nausea and vomiting will be checked every 15 minute for 2hours and then after 6 hours when the patients are transferred to ward. In the control group the same procedure will be done but 2 drops of normal saline will be used instead of ginger. Nausea will be assessed using a Visual analog scale.

#### General information

##### Acronym

Effect of ginger essence on PONV

##### IRCT registration information

IRCT registration number: **IRCT2014080218650N1**

Registration date: **2014-09-07, 1393/06/16**

Registration timing: **registered\_while\_recruiting**

Last update:

Update count: **0**

##### Registration date

2014-09-07, 1393/06/16

##### Registrant information

###### Name

Fatemeh Sadat Hosaini

###### Name of organization / entity

Kashan University of Medical Sciences

###### Country

Iran (Islamic Republic of)

###### Phone

+98 21 2632 1942

###### Email address

fatemehhosaini57@kaums.ac.ir

###### Recruitment status

**Recruitment complete**

###### Funding source

Vice Chancellor for research of Kashan University of Medical Sciences

###### Expected recruitment start date

2014-09-01, 1393/06/10

###### Expected recruitment end date

2015-01-02, 1393/10/12

###### Actual recruitment start date

empty

###### Actual recruitment end date

empty

###### Trial completion date

empty

###### Scientific title

Effect of inhalation of ginger essence on nausea and vomiting after nephrectomy

###### Public title

Effect of inhalation of ginger essence on nausea and vomiting after nephrectomy

###### Purpose

Prevention

###### Inclusion/Exclusion criteria

Inclusion criteria: age of 18 years or older; any known allergy to ginger; not having motion sickness (car-sea); not receiving anti-emetic drugs; not receiving warfarin, heparin, aspirin 325 mg; no receiving chemotherapy drugs; being NPO for at least 8 hours before surgery, not having a history of asthma and other respiratory disorder; not having an olfactory sensation disorders, ability to read and write; not having disorders of brain stem and cerebellum, not having a coagulopathy. Exclusion criteria: occurring any allergic reaction to ginger during the study; intolerance to ginger essence

odor.  
**Age**  
No age limit  
**Gender**  
Both

**Phase**  
N/A  
**Groups that have been masked**  
*No information*  
**Sample size**  
Target sample size: **120**  
**Randomization (investigator's opinion)**  
Randomized  
**Randomization description**  
**Blinding (investigator's opinion)**  
Single blinded  
**Blinding description**  
**Placebo**  
Used  
**Assignment**  
Parallel  
**Other design features**

## Secondary Ids

empty

## Ethics committees

### 1

**Ethics committee**  
**Name of ethics committee**  
" Ethics committee Kashan University of Medical Sciences"  
**Street address**  
Ghotbe ravandi road, km 5.  
**City**  
Kashan  
**Postal code**  
8715981151  
**Approval date**  
2014-07-22, 1393/04/31  
**Ethics committee reference number**  
29/5/1/1899/p

## Health conditions studied

### 1

**Description of health condition studied**  
Nausea and Vomiting  
**ICD-10 code**  
R11  
**ICD-10 code description**  
Other diseases of the digestive system

### 2

**Description of health condition studied**  
kidney surgery  
**ICD-10 code**

XIV  
**ICD-10 code description**  
Other disorders of kidney

## Primary outcomes

### 1

**Description**  
Nausea  
**Timepoint**  
Every 15 minute during surgery and 2 hours and 6 hours after surgery.  
**Method of measurement**  
Visual Analog Scale

### 2

**Description**  
Vomiting  
**Timepoint**  
number in the first 2 hours after the nephrectomy and after 6 hours  
**Method of measurement**  
Counting the number of vomiting

## Secondary outcomes

empty

## Intervention groups

### 1

**Description**  
Intervention: 2 drops of 100% ginger essence will be used on a piece of gauze that will be attached to the collar of the patients clothes every 15 minute for 2 hour in the recovery room.  
**Category**  
Treatment - Drugs

### 2

**Description**  
control:normal saline,2 drop normal saline 9% every 15 minute for 2 hour to recovery room  
**Category**  
Treatment - Drugs

## Recruitment centers

### 1

**Recruitment center**  
**Name of recruitment center**  
Labafenezhad Hospital  
**Full name of responsible person**  
Fatemeh Sadat hosaini  
**Street address**  
Valley 9, Pasdaran street, Tehran.  
**City**

## Sponsors / Funding sources

### 1

#### Sponsor

**Name of organization / entity**

Vice Chancellor for research of Kashan University of Medical Sciences

**Full name of responsible person**

Dr. Gholamali Hamidi

**Street address**

Ghotb ravandi bolvard, Kashan

**City**

Kashan

**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 of Kashan 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**

"Kashan University of Medical Sciences"

**Full name of responsible person**

Fatemeh Sadat Hosaini

**Position**

Bachelor Of Science

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

Ghotb ravandi bolvard, Kashan

**City**

Kashan

**Postal code**

8715981151

**Phone**

+98 315550021

**Fax**

+98 315556633

**Email**

fatemehhosaini57@kaums.ac.ir

**Web page address**

<http://nursing.kaums.ir>

## Person responsible for scientific inquiries

#### Contact

**Name of organization / entity**

"Kashan University of Medical Sciences"

**Full name of responsible person**

Dr. Mohsen Adib-Hajbaghery

**Position**

Professor, faculty member

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

Ghotb ravandi bolvard, Kashan

**City**

Kashan

**Postal code**

8715981151

**Phone**

+98 315550021

**Fax**

+98 315556633

**Email**

adib1344@yahoo.com

**Web page address**

<http://nursing.kaums.ir>

## Person responsible for updating data

#### Contact

**Name of organization / entity**

"Kashan University of Medical Sciences"

**Full name of responsible person**

Fatemeh Sadat Hosaini

**Position**

Bachelor Of Science

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

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**Web page address**

<http://nursing.kaums.ir>

## 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*