Clinical Trial Protocol
Iranian Registry of Clinical Trials

09 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 nefrectomy 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

Tehran

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
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

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