

Clinical Trial Protocol

Iranian Registry of Clinical Trials

10 Jun 2026

Effect of lavender therapiotic extract in reducing pain and postoperative nausea and vomiting in patients undergoing abdominal non-emergency hysterectomy

Protocol summary

Summary

The aim of this study was to investigate Effect of lavender in reducing pain and postoperative nausea and vomiting in patients undergoing abdominal non-emergency hysterectomy. This clinical trial, a randomized, double-blind, was performed on 104 patients candidate for non-emergency hysterectomy. patients invided to 52 person groups (intervention group: 30 drops of the extract orally lavender 50%, placebo: distilled water). VAS and numerical score nausea / vomiting in 4 stages, 15 minutes, 2 hours, 4 and 12 hours were recorded. Inclusion criteria: Persian language, ASA I and II, general anesthesia, No history of cardiovascular and respiratory disease Exclusion criteria: history of Laparatomy, history of cesarean and hysterotomy, history of allergy in Lavender, duration of surgery more than 120 minute, nausea and vomiting

General information

Acronym

IRCT registration information

IRCT registration number: **IRCT2016092820258N11**

Registration date: **2016-10-19, 1395/07/28**

Registration timing: **retrospective**

Last update:

Update count: **0**

Registration date

2016-10-19, 1395/07/28

Registrant information

Name

Fariba Farokhi

Name of organization / entity

Arak University of Medical Sciences

Country

Iran (Islamic Republic of)

Phone

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Email address

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Recruitment status

Recruitment complete

Funding source

Vice President of Research University of Medical Sciences

Expected recruitment start date

2015-03-21, 1394/01/01

Expected recruitment end date

2016-09-22, 1395/07/01

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

Effect of lavender therapiotic extract in reducing pain and postoperative nausea and vomiting in patients undergoing abdominal non-emergency hysterectomy

Public title

Effect of lavender therapiotic extract in reducing pain and postoperative nausea and vomiting in patients undergoing abdominal non-emergency hysterectomy

Purpose

Treatment

Inclusion/Exclusion criteria

Inclusion criteria: Persian language, ASA I and II, general anesthesia, No history of cardiovascular and respiratory disease Exclusion criteria: history of Laparatomy, history of cesarean and hysterotomy, history of allergy in Lavender, duration of surgery more than 120 minute, nausea and vomiting

Age

No age limit

Gender

Female

Phase

N/A

Groups that have been masked*No information***Sample size**Target sample size: **104****Randomization (investigator's opinion)**

Randomized

Randomization description**Blinding (investigator's opinion)**

Double blinded

Blinding description**Placebo**

Used

Assignment

Parallel

Other design features**Secondary Ids**

empty

Ethics committees**1****Ethics committee****Name of ethics committee**

Ethics Committee Of Arak University Of Medical Sciences

Street address

Research Center, Payambar Azam Complex, Basij square, Sardasht, Arak

City

Arak

Postal code

848176941

Approval date

2015-12-01, 1394/09/10

Ethics committee reference number

IR.ARAKMU.REC.1394.230

Health conditions studied**1****Description of health condition studied**

non-emergency hysterectomy

ICD-10 code

Z90.7

ICD-10 code description

Acquired absence of genital organ(s)

Primary outcomes**1****Description**

pain

Timepoint

15 minute and 2 and 4 and 12 hours

Method of measurement

Visual Analogue Scale

2**Description**

Nausea and vomiting

Timepoint

15 minute and 2 and 4 and 12 hours

Method of measurement

Likert scale

Secondary outcomes

empty

Intervention groups**1****Description**

intervention group:We use 30 drops of the extract orally lavender 50% .

Category

Treatment - Drugs

2**Description**

placebo: patient received distilled water.

Category

Treatment - Drugs

Recruitment centers**1****Recruitment center****Name of recruitment center**

Taleghani hospital

Full name of responsible person

Dr Ashraf Zamani

Street address

Taleghani hospital, Emam Khomeini street, Arak

City

Arak

Sponsors / Funding sources**1****Sponsor****Name of organization / entity**

Vice chancellor for research, Arak University of Medical Sciences

Full name of responsible person

Dr Mohammad Rafiee

Street address

Research Center, Payambar Azam complex, Basij square, Sardasht, Arak

City

Arak

Grant name

-

Grant code / Reference number

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

Yes

Title of funding source

Vice chancellor for research, Arak 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

Medicine department

Full name of responsible person

Masood Farhadi

Position

medicine student

Other areas of specialty/work

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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