Clinical Trial Protocol
Iranian Registry of Clinical Trials

17 Sep 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, nausa and vomitting

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

+98 86 3222 2003

Email address

f.farokhi@arakmu.ac.ir

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, nausa and vomitting

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
Nausa and vomitting
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

--

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

Street address

Arak, Sardasht, Basij squre, Payambar azam complex, medicine department

City

Arak

Postal code

3814957558

Phone

+98 86 3222 2003

Fax

Email

farhadi@gmail.com

Web page address

Person responsible for scientific inquiries

Contact

Name of organization / entity

Arak University Of Medical Sciences

Full name of responsible person

Dr Ashraf Zamani

Position

Professor of Obstetrics and Gynecology

Other areas of specialty/work

Street address

Taleghani hospital

City

Arak

Postal code

3814957558

Phone

+98 86 3222 2003

Fax

Email

zamani@arakmu.ac.ir

Web page address

Person responsible for updating data

Contact

Name of organization / entity

Arak medical science university

Full name of responsible person

Masood Farhadi

Position

medicine student

Other areas of specialty/work

Street address

Taleghani hospital

City

Arak

Postal code

3814957558

Phone

+98 86 3222 2003

Fax

Email

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