Clinical Trial Protocol
Iranian Registry of Clinical Trials

10 Jun 2026

effect of reflective massage on nasue and vomiting after laparoscopic cholecystectomy"

Protocol summary

Summary

We are going to asses the effect of foot reflexology on nausea and vomiting of patients undergoing laparoscopic cholecystectomy. Inclusion criteria: patients undergoing laparoscopic cholecystectomy, people aged between 20-60 years, no history of gastrointestinal disorders such as gastritis, preoperative reflux and exclusion criteria were: lead laparoscopy to laparotomy, during a drag operation over 2 hours of surgery, anesthesia drugs outside the prescribed protocol, patients with severe pain are also excluded from the study. Sixty patients will randomly assign to intervention and control group (30 patients in each group) after the surgery. Intervention group will receive reflexology massage and the control group will receive none. intervention.

General information

Acronym

IRCT registration information

IRCT registration number: **IRCT2016052824487N2**
Registration date: **2016-07-30, 1395/05/09**
Registration timing: **retrospective**

Last update:
Update count: **0**

Registration date

2016-07-30, 1395/05/09

Registrant information

Name
Hamid Robat Sarpooshi
Name of organization / entity
Sabzevar University of Medical Sciences
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Recruitment status

Recruitment complete

Funding source

Vice President of Research, Sabzevar University of Medical Sciences

Expected recruitment start date

2016-04-11, 1395/01/23

Expected recruitment end date

2016-05-21, 1395/03/01

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

effect of reflective massage on nasue and vomiting after laparoscopic cholecystectomy"

Public title

The effect of reflexology on nausea and vomiting after cholecystectomy

Purpose

Treatment

Inclusion/Exclusion criteria

Inclusion criteria: patients undergoing laparoscopic cholecystectomy, between 20-60 years old; no history of previous gastrointestinal disorders such as gastritis, gastroesophageal reflux or clear before the operation. Exclusion criteria: laparoscopy to laparotomy lead, during a drag operation for more than 2 hours; drugs out of the anesthesia protocol specified; patients with postoperative need for embedded NGT find out, opting to participate in the study, body mass index (BMI) More than 30, having a history of reflexology. 8. No smoking addiction and severe pain which 9.sever pajn by Visual Analogue Scale (NRS) is measured

Age
From **20 years** old to **60 years** old
Gender
Both

Phase
N/A
Groups that have been masked
No information
Sample size
Target sample size: **60**
Randomization (investigator's opinion)
Randomized
Randomization description
Blinding (investigator's opinion)
Not blinded
Blinding description
Placebo
Not used
Assignment
Parallel
Other design features

Secondary Ids

empty

Ethics committees

1

Ethics committee
Name of ethics committee
Medical Sciences of sabzevar university
Street address
Sabzevar next to a police building
City
Sabzevar
Postal code
9613873136
Approval date
2016-04-11, 1395/01/23
Ethics committee reference number
IR.MEDSAB.REC.1394.176

2

Ethics committee
Name of ethics committee
Medical Sciences of sabzevar university
Street address
Sabzevar next to the police building (1)
City
sabzevar
Postal code
9415984788
Approval date
2010-08-20, 1389/05/29
Ethics committee reference number
IR.MEDSAB.REC.1394.176

Health conditions studied

1

Description of health condition studied
cholesistectomy
ICD-10 code
K80.4
ICD-10 code description
Calculus of bile duct with cholecystitis

Primary outcomes

1

Description
vomiting
Timepoint
in recovery and 6 and 12 hourse after operation
Method of measurement
A visual analoge scale to assess the severity of vomiting

2

Description
nausea
Timepoint
in recovery and 6 and 12 hourse after operation
Method of measurement
A visual analoge scale to assess the severity of nausea

3

Description
pain
Timepoint
in recovery and 6 and 12 hourse after operation
Method of measurement
Pain is measured by numerical rating scale

Secondary outcomes

1

Description
pain
Timepoint
in recovery and 6,12 hourses after operation
Method of measurement
pain Measured by the numerical rating scale

Intervention groups

1

Description
Foot Reflexology Massage is performed for the intervention group and the control group no intervention takes placeOn the left foot and right foot reflexology massage for 10 minutes each Khvrshydkh network in the area at the bottom of both feet, just below the toe junction of the second and third metatarsal done by

researchers

Category

Other

2

Description

The control group received intervention will not be

Category

N/A

Recruitment centers

1

Recruitment center

Name of recruitment center

imam ali hospital of bojnord

Full name of responsible person

miss mansori

Street address

bojnord

City

bojnord

2

Recruitment center

Name of recruitment center

imam ali hospital of bojnord

Full name of responsible person

miss mansori

Street address

bojnord chamran street daneshgah street

City

bojnord

3

Recruitment center

Name of recruitment center

samen hospital of bojnord

Full name of responsible person

miss sameni moghadam

Street address

bojnord chamran street

City

bojnord

Sponsors / Funding sources

1

Sponsor

Name of organization / entity

Sabzevar Univercity Of Medical Sience

Full name of responsible person

mr mus-aireza tadayon far

Street address

Building the Education Department of Sabzevar University of Medical Sciences

City

sabzevar

Grant name

Grant code / Reference number

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

Yes

Title of funding source

Sabzevar Univercity Of Medical Sience

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

Sabzevar Univercity Of Medical Sience

Full name of responsible person

mrs marziye badakhsh

Position

Master Student in Nursing

Other areas of specialty/work

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Web page address

Person responsible for scientific inquiries

Contact

Name of organization / entity

Medical Siences Of Sabzevar University

Full name of responsible person

mr mehdi jafar zade

Position

master of nursing

Other areas of specialty/work

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sabzevar near the police

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Person responsible for updating data

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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