

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 Robot Sarpooshi

Name of organization / entity

Sabzevar University of Medical Sciences

Country

Iran (Islamic Republic of)

Phone

+98 51 4421 7146

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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
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City
bojnord

3

Recruitment center
Name of recruitment center
samen hospital of bojnord
Full name of responsible person
miss sameni moghadam
Street address
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City
bojnord

Sponsors / Funding sources

1

Sponsor
Name of organization / entity
Sabzevar Univercity Of Medical Science
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 Science
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 Science
Full name of responsible person
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Person responsible for scientific inquiries

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Postal code
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Phone

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