

Clinical Trial Protocol

Iranian Registry of Clinical Trials

19 Sep 2026

Effects of P6 Point ice massage on Postoperative nausea and vomiting of Laparoscopic Cholecystectomy patients

Protocol summary

Summary

Background and Aim: Nausea and vomiting are the most common side effects of Laparoscopic Cholecystectomy y. The aim of the current study was to assess the effect of ice massage applied to the pericardium 6 (P6 or Neigaun) Acupuncture point on nausea- vomiting due to Laparoscopic Cholecystectomy of patient in general surgery ward. Materials and Methods: In a randomized clinical trial oneblind, 90 patients were randomly divided into three groups. Ice massage group were massaged gently on the skin around P6 point of the hand with ice cube into a wet gauze pad for 7 minutes twice a day with 12- hours interval for 24 hours by the patient. Placebo group were massaged with wooden cube and the control group received no interventions. Nausea and vomiting in three groups rated by Nausea and Emesis Questionnaire in 4 periods of time in 24 hours was used for the assessment of nausea and vomiting. The data will be analyzed with SPSS 16 software and the results will compare with Parametric and non parametric tests. Keywords: Nausea, Vomiting, Laparoscopic Cholecystectomy, Acupressure, Massage

General information

Acronym

IRCT registration information

IRCT registration number: **IRCT2015111625074N1**
Registration date: **2016-01-17, 1394/10/27**
Registration timing: **registered_while_recruiting**

Last update:

Update count: **0**

Registration date

2016-01-17, 1394/10/27

Registrant information

Name

Mohamad Mahboobnia

Name of organization / entity

Kermanshah University of Medical Sciences

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Recruitment status

Recruitment complete

Funding source

Kermanshah University of Medical Sciences

Expected recruitment start date

2015-10-23, 1394/08/01

Expected recruitment end date

2016-01-21, 1394/11/01

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

Effects of P6 Point ice massage on Postoperative nausea and vomiting of Laparoscopic Cholecystectomy patients

Public title

effect of ice massage on post operation nausea and vomiting

Purpose

Treatment

Inclusion/Exclusion criteria

Inclusion criteria: having an ASA classification score of 1 OR 2; having 16-60 years of old; not addiction; not pregnant; not disabled or not having Wrist disorder in p6 point; not having bowel instruction or other gastrointestinal disorders; not having nausea or vomiting before operation; no anti-emetic drug usage in 24 hours

before operation; patient with general anesthesia;
Exclusion criteria: the length of operation less than 90 minutes; more than 60 and less than 16 years of old; having an ASA classification score of 3,4 or 5; pregnant women; unwillingness to study continue

Age

From **16 years** old to **60 years** old

Gender

Both

Phase

N/A

Groups that have been masked

No information

Sample size

Target sample size: **90**

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

Kermanshah University of Medical Sciences

Street address

N.2, Shahid Beheshti Blvd, Kermanshah

City

Kermanshah

Postal code

6715847141

Approval date

2015-10-20, 1394/07/28

Ethics committee reference number

KUMS.REC.1394.162

Health conditions studied

1

Description of health condition studied

Cholecystitis

ICD-10 code

k81

ICD-10 code description

Cholecystitis

Primary outcomes

1

Description

post operation nausea and vomiting

Timepoint

After intervention and in 6 hours interval for 24 hours after operation

Method of measurement

Standard Questionnaire and VAS

Secondary outcomes

1

Description

damage and pressure on wrist's nerve

Timepoint

12 hours after intervention

Method of measurement

Sensory and motor examination

Intervention groups

1

Description

Intervention group: ice pack massage with 2*2*2* dimension for 7 minutes on p6 point just after operation and 12 hours later.

Category

Other

2

Description

Control group: no intervention

Category

Other

3

Description

Placebo group: wooden pack massage with 2*2*2 dimension for 7 minutes on P6 point just after operation and 12 hours later

Category

Other

Recruitment centers

1

Recruitment center

Name of recruitment center

Kermanshah Emam Reza Hospital

Full name of responsible person

mohammad mahbobnia

Street address

Kermanshah University of Medical Science

City

Sponsors / Funding sources

1

Sponsor

Name of organization / entity

Kermanshah University of Medical Sciences

Full name of responsible person

Fateme Hadadian

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N.2, Shahi Beheshti blvd, Kermanshah University of Medical Science

City

Kermanshah

Grant name

Grant code / Reference number

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

Yes

Title of funding source

Kermanshah 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

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Full name of responsible person

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Student

Other areas of specialty/work

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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