Clinical Trial Protocol
Iranian Registry of Clinical Trials

08 Nov 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

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Name of organization / entity

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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 Questionaire 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

Kermanshah

Sponsors / Funding sources

1

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

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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