

Clinical Trial Protocol

Iranian Registry of Clinical Trials

04 Jul 2026

Effect of acupuncture effects on post-operational pain relief in recovery stage in patients who are candidate for open cholecystectomy: a randomized clinical trial

Protocol summary

Summary

Objectives: To assess the effect of effects on post-operational pain relief in recovery stage in patients candidate for open cholecystectomy. Design: A randomized clinical trial. Setting and conduct: The eligible patients who patients who are candidate for open cholecystectomy and will refer to Besat Hospital during the study period will be enrolled into the trial. Inclusion criteria: Age of 18 to 70 years; Indication of open cholecystectomy. Exclusion criteria: A history of chronic pain; psychological disorders; neurosensory disorders; sensitivity to jewelry. Intervention group: Routine treatment plus puncture of LV3 and LI4 points with stainless-steel needle 15*25 for 20 minutes. Control group: Just routine treatment. Primary outcome: Assessing post operational pain 1 and 6 hours after intervention using Visual Analog Scale (VAS). Randomization: Random assignment of the patients to the intervention and control groups through drawing of lots. Blinding: Not possible.

General information

Acronym

IRCT registration information

IRCT registration number: **IRCT201709199014N187**
Registration date: **2017-09-30, 1396/07/08**
Registration timing: **registered_while_recruiting**

Last update:

Update count: **0**

Registration date

2017-09-30, 1396/07/08

Registrant information

Name

Jalal Poorolajal

Name of organization / entity

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Recruitment status

Recruitment complete

Funding source

Vice-chancellor for Research and Technology, Hamadan University of Medical Sciences

Expected recruitment start date

2017-06-27, 1396/04/06

Expected recruitment end date

2018-06-27, 1397/04/06

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

Effect of acupuncture effects on post-operational pain relief in recovery stage in patients who are candidate for open cholecystectomy: a randomized clinical trial

Public title

Effect of acupuncture effects on post-operational pain relief in recovery stage in patients who are candidate for open cholecystectomy

Purpose

Treatment

Inclusion/Exclusion criteria

Inclusion criteria: Age of 18 to 70 years; Indication of

open cholecystectomy. Exclusion criteria: A history of chronic pain; psychological disorders; neurosensory disorders; sensitivity to jewelry.

Age

From **18 years** old to **70 years** old

Gender

Both

Phase

N/A

Groups that have been masked

No information

Sample size

Target sample size: **40**

Randomization (investigator's opinion)

Randomized

Randomization description

Blinding (investigator's opinion)

Not blinded

Blinding description

Placebo

Not used

Assignment

Parallel

Other design features

Randomization: Random assignment of the patients to the intervention and control groups through drawing of lots. Blinding: Not possible.

Secondary Ids

empty

Ethics committees

1

Ethics committee

Name of ethics committee

Ethics Committee of Hamadan University of Medical Sciences

Street address

Vice-chancellor for Research the Technology,
Hamadan University of Medical Sciences, Shahid
Fahmideh Ave

City

Hamadan

Postal code

Approval date

2017-06-26, 1396/04/05

Ethics committee reference number

IR.UMSHA.REC.1396.183

Health conditions studied

1

Description of health condition studied

Cholecystectomy

ICD-10 code

Z90.4

ICD-10 code description

Acquired absence of other parts of digestive tract

Primary outcomes

1

Description

Assessing post operational pain

Timepoint

1 and 6 hours after intervention

Method of measurement

Using Visual Analog Scale (VAS)

Secondary outcomes

empty

Intervention groups

1

Description

Intervention group: Routine treatment plus puncture of LV3 and LI4 points with stainless-steel needle 15*25 for 20 minutes.

Category

Other

2

Description

Control group: Just routine treatment.

Category

Other

Recruitment centers

1

Recruitment center

Name of recruitment center

Besat Hospital

Full name of responsible person

Dr Mahmood Rezaei

Street address

Besat Hospital, Shahed Square

City

Hamadan

Sponsors / Funding sources

1

Sponsor

Name of organization / entity

Vice-chancellor for Research and Technology,
Hamadan University of Medical Sciences

Full name of responsible person

Dr Saeid Bashirian

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Hamadan University of Medical Sciences, Shahid
Fahmideh Ave

City
Hamadan
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 and Technology, Hamadan
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

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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