Clinical Trial Protocol
Iranian Registry of Clinical Trials

16 Sep 2026

Effect evaluation of interaperitoneal injection of bupivacaine on post-operative pain in laparascopic cholecyctectomy

Protocol summary

Summary

Background and aims: reduction of pain after Laparoscopic cholecystectomy. Inclusion criteria: 20-60 years old without diabetes mellitus, hypertension, congenital or acquired heart disease. Exclusion criteria: duration of surgery more than 2 hours; another operation at the same time; complication in or after operation. Intervention group received 0.5mg/kg intraperitoneal bupivacain 0.5 % after Laparascopic cholecystectomy. Patients were evaluated in 0, 2, 4, 8, 12 and 24 hours after surgery. Primary outcome was pain reduction.

General information

Acronym

IRCT registration information

IRCT registration number: **IRCT2012090910790N1**
Registration date: **2012-10-24, 1391/08/03**
Registration timing: **retrospective**

Last update:
Update count: **0**

Registration date

2012-10-24, 1391/08/03

Registrant information

Name

Banafshe Valiyan Borujeni

Name of organization / entity

Ahwaz Jundishapour University of Medical Sciences

Country

Iran (Islamic Republic of)

Phone

+98 38 2422 2011

Email address

valian.b@ajums.ac.ir

Recruitment status

Recruitment complete

Funding source

Ahwaz Jundishapour University of Medical Sciences

Expected recruitment start date

2011-05-22, 1390/03/01

Expected recruitment end date

2012-02-20, 1390/12/01

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

Effect evaluation of interaperitoneal injection of bupivacaine on post-operative pain in laparascopic cholecyctectomy

Public title

Effect evaluation of interaperitoneal injection of bupivacaine on post-operative pain in laparascopic cholecyctectomy

Purpose

Treatment

Inclusion/Exclusion criteria

Inclusion criteria: 20-60 years old patients selected by American Society of Anesthesiologists (ASA) sorting. Exclusion criteria: Total Body Weight (TBW) <50 kg; chronic pain or using opioid (in recently month); history of abdominal aneurysm.

Age

From **20 years** old to **60 years** old

Gender

Both

Phase

2

Groups that have been masked

No information

Sample size

Target sample size: **60**

Randomization (investigator's opinion)
Randomized
Randomization description
Blinding (investigator's opinion)
Double blinded
Blinding description
Placebo
Used
Assignment
Parallel
Other design features

Secondary Ids

empty

Ethics committees

1

Ethics committee
Name of ethics committee
Ahwaz Jundishapour University of Medical Sciences
Street address
Ahwaz Razi hospital
City
Ahwaz
Postal code
Approval date
2012-06-14, 1391/03/25
Ethics committee reference number
536/ذ

Health conditions studied

1

Description of health condition studied
post-operative pain in laparascopic cholecyctectomy
ICD-10 code
K91.5
ICD-10 code description
Postcholecystectomy syndrome

Primary outcomes

1

Description
pain
Timepoint
0,1,2,8,12,24 hours after operation
Method of measurement
NRS

Secondary outcomes

1

Description
shoulder pain
Timepoint
0,1,2,8,12,24 hours after operation
Method of measurement
NRS

Intervention groups

1

Description
intervention group received, 0.5mg/kg intraperitoneal Bupivacain 0.25 % after Laparascopic cholecystectomy
Category
Treatment - Drugs

2

Description
control group received 0.5 cc/kg , normal salin after Laparascopic cholecystectomy
Category
Treatment - Drugs

Recruitment centers

1

Recruitment center
Name of recruitment center
Razi hospital
Full name of responsible person
Street address
City
Ahwaz

Sponsors / Funding sources

1

Sponsor
Name of organization / entity
Ahwaz Jundishapour University of Medical Sciences
Full name of responsible person
Dr. Mostafa Feghhi
Street address
Ahwaz Jundishapour University of Medical Sciences
City
Ahwaz
Grant name
Grant code / Reference number
Is the source of funding the same sponsor organization/entity?
Yes
Title of funding source
Ahwaz Jundishapour 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

Ahwaz Jundishapour University of Medical Sciences

Full name of responsible person

Dr. Nozar Nasajian

Position

Assistant Professor

Other areas of specialty/work

Street address

Operation room,Golestan Khomeini hospital,Ahwaz

City

Ahwaz

Postal code

Phone

+98 6116193673166

Fax

Email

nozar-dr@yahoo.com

Web page address

Person responsible for scientific inquiries

Contact

Name of organization / entity

Ahwaz Jundishapur University of Medical Sciences

Full name of responsible person

Dr. Nozar Nasajian

Position

Assistant Professor

Other areas of specialty/work

Street address

Operation room, Golestan Khomeini hospital

City

Ahwaz

Postal code

Phone

+98 6116193673166

Fax

Email

nozar-dr@yahoo.com

Web page address

Person responsible for updating data

Contact

Name of organization / entity

Ahwaz Jundishapur University of Medical Sciences

Full name of responsible person

Banafshe Valiyan Borujeni

Position

Anesthesiology Resident

Other areas of specialty/work

Street address

Azadeghan st, Emam khomeini hospita

City

Ahwaz

Postal code

Phone

+98 38 2422 2011

Fax

Email

banafshe6937@yahoo.com ; valian.b@ajums.ac.ir

Web page address

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