

Clinical Trial Protocol

Iranian Registry of Clinical Trials

10 Jun 2026

Effect of Diclofenac suppository on pain control in post laparoscopic cholecystectomy

Protocol summary

Summary

To determine the effect of Diclofenac suppositories in postoperative pain control, in removal of gallbladder. In a double-blind method, 60 patients with gallstones (which have no acute inflammation) are divided randomly into two groups . For first group diclofenac suppository is placed after Anesthesia and after recovery. In another group placebo is used. Postoperative pain is measured by Visual Analysis scale and the drug dose is calculated.

General information

Acronym

IRCT registration information

IRCT registration number: **IRCT201009083384N4**
Registration date: **2011-02-21, 1389/12/02**
Registration timing: **retrospective**

Last update:

Update count: **0**

Registration date

2011-02-21, 1389/12/02

Registrant information

Name

Ameneh Ebrahim Valoojerdi

Name of organization / entity

Endocrine research center

Country

Iran (Islamic Republic of)

Phone

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Email address

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Recruitment status

Recruitment complete

Funding source

Iran University of Medical Sciences

Expected recruitment start date

2010-10-23, 1389/08/01

Expected recruitment end date

2011-02-20, 1389/12/01

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

Effect of Diclofenac suppository on pain control in post laparoscopic cholecystectomy

Public title

Effect of Diclofenac suppository on pain control in post laparoscopic cholecystectomy

Purpose

Treatment

Inclusion/Exclusion criteria

Inclusion Criteria : Gallstone patients who referred to Rasoul Akram hospital Exclusion Criteria: Acute backpack cystic , change intraoperative anesthetic protocol, having pain before surgery, pregnancy and breastfeeding, asthma or a known history of asthma, coagulopathy, history of upper or lower gastrointestinal bleeding during the past year, liver or kidney failure, history of sensitivity to NSAIDs , performed simultaneously with other gallbladder surgery, addiction to opiates or painkillers, duration of surgery more than 90 minutes

Age

No age limit

Gender

Both

Phase

3

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
Iran University of Medical Sciences
Street address
Iran University of Medical Sciences , Hemat highway
City
Tehran
Postal code
Approval date
2010-06-27, 1389/04/06
Ethics committee reference number
890

Health conditions studied

1

Description of health condition studied

Diclofenac suppository on pain control in post laparoscopic cholecystectomy
ICD-10 code
K80-K87
ICD-10 code description
Disorders of gallbladder, biliary tract and pancreas

Primary outcomes

1

Description

Pain
Timepoint
Immediately after anesthesia - three hours later
Method of measurement
Visual Analysis Scale

Secondary outcomes

empty

Intervention groups

1

Description

Intervention: Diclofenac suppository (100 mg) immediately after anesthesia and in three hours after recovery.

Category

Treatment - Drugs

2

Description

Control: placebo

Category

Placebo

Recruitment centers

1

Recruitment center

Name of recruitment center
Rasoul Akram Hospital
Full name of responsible person
Street address
City
Tehran

Sponsors / Funding sources

1

Sponsor

Name of organization / entity
Iran University of Medical Sciences
Full name of responsible person
Dr.Maziar Moradi
Street address
Iranian university of Medical sciences , Hemat highway
City
Tehran

Grant name

Grant code / Reference number

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

Yes

Title of funding source

Iran 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

Iran University of Medical Sciences

Full name of responsible person

Hossein saeidi motahar

Position

General surgeon

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Position**Other areas of specialty/work****Street address****City****Postal code****Phone****Fax****Email****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

Person responsible for scientific inquiries

Contact

Name of organization / entity

Iran University of Medical Sciences

Full name of responsible person

Hossein Saeidi Motahar

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