

Clinical Trial Protocol

Iranian Registry of Clinical Trials

27 May 2026

Comparison of intravenous pethidine and ketorolac in reduction the biliary colic pain

Protocol summary

Medical Sciences

Summary

The aim of this study is to compare intravenous pethidine and ketorolac in reduction the biliary colic pain. It is designed as a clinical trial. Patients aged between 30 and 60 year with biliary colic will be enrolled the study. Exclusion criteria are drug abuse and allergy for drugs. 80 patients will be divided into two groups (pethidine and ketorolac) based on random block method. Pain will be compare between groups.

Expected recruitment start date

2017-06-21, 1396/03/31

Expected recruitment end date

2017-07-14, 1396/04/23

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

General information

Scientific title

Comparison of intravenous pethidine and ketorolac in reduction the biliary colic pain

Acronym

IRCT registration information

IRCT registration number: **IRCT2017061134367N1**

Registration date: **2017-06-11, 1396/03/21**

Registration timing: **prospective**

Public title

Pethidine and ketorolac in biliary colic pain

Purpose

Treatment

Inclusion/Exclusion criteria

Patients aged between 30 and 60 year with biliary colic will be enrolled the study. Exclusion criteria are drug abuse and allergy for drugs.

Last update:

Update count: **0**

Registration date

2017-06-11, 1396/03/21

Age

No age limit

Gender

Both

Registrant information

Name

omid bameri

Name of organization / entity

Mashhad University of Medical Sciences

Country

Iran (Islamic Republic of)

Phone

+98 51 3879 1954

Email address

bamerio931@mums.ac.ir

Phase

2

Groups that have been masked

No information

Sample size

Target sample size: **80**

Randomization (investigator's opinion)

Randomized

Randomization description

Blinding (investigator's opinion)

Not blinded

Blinding description

Recruitment status

Recruitment complete

Funding source

Vice chancellor for research, Mashhad University of

Placebo

Not used

Assignment

Parallel

Other design features**Secondary Ids**

empty

Ethics committees**1****Ethics committee****Name of ethics committee**

Mashhad University of Medical Sciences ethical committee

Street address

Ghoreyshi Building, Daneshgah Streets, Mashhad

City

Mashhad

Postal code**Approval date**

2015-09-23, 1394/07/01

Ethics committee reference number

IR.MUMS.fm.REC1395.117

Health conditions studied**1****Description of health condition studied**

Biliary colic

ICD-10 code

K80.2

ICD-10 code description

Calculus of gallbladder without cholecystitis

Primary outcomes**1****Description**

Pain

Timepoint

Each 30 minutes for 1 hour

Method of measurement

Visual Analogue Scale (VAS)

Secondary outcomes

empty

Intervention groups**1****Description**

Intravenous pethidine (1 mg/kg) with maximum dose 60 mg.

Category

Treatment - Drugs

2**Description**

Intravenous ketorolac (30 mg)

Category

Treatment - Drugs

Recruitment centers**1****Recruitment center****Name of recruitment center**

Emam Reza hospital

Full name of responsible person

Dr. Omid Bameri

Street address

Emam Reza Hospital-Emam Reza Square, Ebne Sina Avenue, Mashhad, Iran

City

Mashhad

Sponsors / Funding sources**1****Sponsor****Name of organization / entity**

Vice chancellor for research, Mashhad University of Medical Sciences

Full name of responsible person

Dr. Mohsen Tafaghodi

Street address

Ghoreyshi Building, Daneshgah Streets, Mashhad

City

Mashhad

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, Mashhad 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**

Emam Reza hospital

Full name of responsible person

Dr. Omid Bameri

Position

Resident

Other areas of specialty/work

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Person responsible for scientific inquiries

Contact

Name of organization / entity

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Full name of responsible person

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Person responsible for updating data

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Name of organization / entity

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Full name of responsible person

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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