

Clinical Trial Protocol

Iranian Registry of Clinical Trials

17 Sep 2026

Suppository morphine versus intravenous morphine in controlling pain of patients with impression of renal colic referred to Rasoul-Akram hospital emergency department since October 23rd 2010 to March 21st 2011

Protocol summary

Summary

This study is conducted to evaluate efficacy of suppository morphine versus intravenous (IV) morphine in controlling pain of patients who referred to Rasoul-Akram hospital emergency department with impression of renal colic. Those patients between 16 and 60 years old were enrolled and those with any contraindication to morphine usage were excluded. They were randomized in 2 groups, suppository morphine and IV placebo and Suppository placebo and IV morphine. Pain scores would be recorded 0, 30, 60 minutes after intervention. All possible side effects also will record.

General information

Acronym

IRCT registration information

IRCT registration number: **IRCT201106076739N1**

Registration date: **2012-02-01, 1390/11/12**

Registration timing: **retrospective**

Last update:

Update count: **0**

Registration date

2012-02-01, 1390/11/12

Registrant information

Name

Fatemeh Mohammadi

Name of organization / entity

Tehran University of Medical Sciences

Country

Iran (Islamic Republic of)

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Recruitment status

Recruitment complete

Funding source

Tehran University of Medical Sciences

Expected recruitment start date

2010-10-23, 1389/08/01

Expected recruitment end date

2011-03-21, 1390/01/01

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

Suppository morphine versus intravenous morphine in controlling pain of patients with impression of renal colic referred to Rasoul-Akram hospital emergency department since October 23rd 2010 to March 21st 2011

Public title

morphine suppository in renal colic

Purpose

Treatment

Inclusion/Exclusion criteria

Inclusion criteria: All patients with impression of renal colic; 16 - 50 years old Exclusion criteria: known allergy to morphine or intolerance; presence of significant anorectal pathology; concurrent use of other opioides

Age

From **16 years** old to **50 years** old

Gender

Both

Phase

N/A

Groups that have been masked

No information

Sample size

Target sample size: 50

Randomization (investigator's opinion)

Randomized

Randomization description

Blinding (investigator's opinion)

Double blinded

Blinding description

Placebo

Used

Assignment

Single

Other design features

Secondary Ids

empty

Ethics committees

1

Ethics committee

Name of ethics committee

Tehran university of medical sciences

Street address

16 azar st, tehran

City

Tehran

Postal code

Approval date

2010-11-06, 1389/08/15

Ethics committee reference number

1/897

Health conditions studied

1

Description of health condition studied

renal colic

ICD-10 code

N23

ICD-10 code description

unspecified renal colic

Primary outcomes

1

Description

PAIN AFTER TREATMENT

Timepoint

30 and 60 min later

Method of measurement

numerical rating scale

Secondary outcomes

1

Description

adverse effectes of morphine suppository

Timepoint

30 and 60 min later

Method of measurement

questioner, (present/absent)

Intervention groups

1

Description

In one group patients were recieved one morphine suppository and 5 cc freewater

Category

Treatment - Drugs

2

Description

In another group patients were recieved 5 mg IV morphine and one placebo suppository

Category

Treatment - Drugs

Recruitment centers

1

Recruitment center

Name of recruitment center

Rsoul-e-Akram Hospital

Full name of responsible person

Mohammad Amin Zare

Street address

Sattrakhan, niyayesh

City

Tehran

Sponsors / Funding sources

1

Sponsor

Name of organization / entity

Tehran university of medical sciences

Full name of responsible person

deputy of research

Street address

16 Azar st

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Tehran

Grant name

Grant code / Reference number

N/A

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

Yes

Title of funding source

Tehran 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

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Web page address**Person responsible for general inquiries****Contact****Name of organization / entity**

Tehran univeraity of medical sciences

Full name of responsible person

Dr fateme mohammadi

Position

emergency medicine resident

Other areas of specialty/work**Street address**

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Tehran university of medical sciences

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Position

Faculty in medicine, Emergency Medicine Department

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Position

Faculty of medicine, emergency medicine department

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Hazrat Rasul Akram hospital

City**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