

# 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)

###### Phone

00892144516738

###### Email address

fa-mohammadi@razi.tums.ac.ir

##### 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

##### City

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*

Tehran

**Postal code**

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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**

Rasul-e- Akram hosphtal

**City**

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dr.fmohammadi304@yahoo.com

**Web page address****Person responsible for updating data****Contact****Name of organization / entity**

Tehran university of medical sciences

**Full name of responsible person**

Dr Saeed Abbasi

**Position**

Faculty in medicine, Emergency Medicine Department

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

Rasoul-e-Akram Hospital, Niayesh, Sattarkhan

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saieedabbasi@yahoo.com

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

Tehran university of medical sciences

**Full name of responsible person**

Dr Mohammad Amin Zare

**Position**

Faculty of medicine, emergency medicine department

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

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*