

Clinical Trial Protocol

Iranian Registry of Clinical Trials

18 Sep 2026

Comparison of femoral nerve block and IV morphine in pain control and time of pain control in femur fracture in Emergency Department

Protocol summary

Summary

The aim of research: comparison of femoral nerve block and intravenous morphine in pain control and time of pain control in femur fracture in Emergency Department. Design: non randomized control trial- Interventional- without placebo- multi central. Population of research: patients with femoral fractured in Emergency Department. Sample size: 60 patients. Intervention: femoral nerve block in comparison with intravenous morphine. Time of research: minutes 0, 5, 30 and 60. Primary outcome: pain control.

General information

Acronym

Emergency Department-ED - Femoral Nerve Block-FNB - Morphine Sulfate -MS

IRCT registration information

IRCT registration number: **IRCT2014041717316N1**

Registration date: **2014-05-29, 1393/03/08**

Registration timing: **retrospective**

Last update:

Update count: **0**

Registration date

2014-05-29, 1393/03/08

Registrant information

Name

Narges Yadegar

Name of organization / entity

Ahvaz Jundishapur University Of Medical Sciences

Country

Iran (Islamic Republic of)

Phone

+98 61 1337 4268

Email address

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Recruitment status

Recruitment complete

Funding source

Ahvaz Jundishapur University Of Medical Sciences

Expected recruitment start date

2012-07-27, 1391/05/06

Expected recruitment end date

2014-02-25, 1392/12/06

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

Comparison of femoral nerve block and IV morphine in pain control and time of pain control in femur fracture in Emergency Department

Public title

Pain control in femoral fractures

Purpose

Supportive

Inclusion/Exclusion criteria

Inclusion criterion: all of patients who incoming Emergency Department with chief complaint of femoral fracture. Exclusion criteria: other additional injuries except femoral fractures; allergy to morphine or lidocaine; medical illness that restricted use of morphine or lidocaine; patients inability to present his/her pain score with any reason.

Age

No age limit

Gender

Both

Phase

N/A

Groups that have been masked

No information

Sample size

Target sample size: 60

Randomization (investigator's opinion)

Randomized

Randomization description

Blinding (investigator's opinion)

Not blinded

Blinding description

Placebo

Not used

Assignment

Parallel

Other design features

Secondary Ids

empty

Ethics committees

1

Ethics committee

Name of ethics committee

Ahvaz Jundishapur University of Medical Sciences

Street address

Vice Chancellor for Research and Technology,
Jundishapur University of Medical sciences, University
City, Ahvaz, Khuzestan, Iran

City

Ahwaz

Postal code

6135715794

Approval date

2012-06-16, 1391/03/27

Ethics committee reference number

ajums.REC.1392.26

Health conditions studied

1

Description of health condition studied

Femur fracture

ICD-10 code

S72

ICD-10 code description

Fracture of femur

Primary outcomes

1

Description

Pain

Timepoint

Minutes 0 and after sedation

Method of measurement

Visual Analogue Scale

Secondary outcomes

1

Description

Type of fracture

Timepoint

Minute 0 and after sedation

Method of measurement

By radiography

Intervention groups

1

Description

One group sedated with 0.1 mg per kg IV morphine

Category

Treatment - Drugs

2

Description

Other group sedated with femoral nerve block

Category

Treatment - Other

Recruitment centers

1

Recruitment center

Name of recruitment center

Imam khomeini Hospital

Full name of responsible person

Narges Yadegar

Street address

Shahid Ahvazian avenue, 24 metri street, Ahvaz,
Khuzestan, Iran

City

Ahvaz

2

Recruitment center

Name of recruitment center

Golestan hospital

Full name of responsible person

Narges Yadegar

Street address

Ahvaz-Golestan avenue-Golestan hospital

City

Ahvaz

Sponsors / Funding sources

1

Sponsor

Name of organization / entity

Ahvaz Jundishapur University of Medical Sciences

Full name of responsible person

Miss. Jaderi

Street address

Vice Chancellor for Research and Technology,
Jundishapur University of Medical Sciences, University
city, Ahvaz, Khuzestan, Iran

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Ahvaz

Grant name

Grant code / Reference number

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

Yes

Title of funding source

Ahvaz Jundishapur 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

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Full name of responsible person

Narges Yadegar

Position

MD, resident

Other areas of specialty/work

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**Person responsible for scientific
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Contact

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Assistant professor

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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