

Clinical Trial Protocol

Iranian Registry of Clinical Trials

18 Sep 2026

Comparison of the femoral block with fascia ilica block on the amount of painless in patients with femoral fracture during spinal anesthesia

Protocol summary

Summary

The purpose of this study is Comparison of the femoral block with fascia iliac block on the amount of painless in patients with femoral fracture during spinal anesthesia. 52 patients admitted to Hazrat Rasool Hospital with a diagnosis of femoral fracture, as a randomized, double-blind, placebo-controlled Phase Karazmayy2-1 without using the sealed envelope and parallel divided into two groups. The first group undergo femoral block and the second group undergo fascia iliac block. Patients must be over 20 years old and have less than 75 years and is no emergent surgery. In case of convulsion after injection anesthetic solution or hematoma during block, patients will be excluded. Then the amount of pain and full time blocks in both groups will be compared with each other

General information

Acronym

IRCT registration information

IRCT registration number: **IRCT2015102712642N19**

Registration date: **2015-11-10, 1394/08/19**

Registration timing: **prospective**

Last update:

Update count: **0**

Registration date

2015-11-10, 1394/08/19

Registrant information

Name

Majid Golestani Eraghi

Name of organization / entity

Shahid Beheshti University Of Medical Sciences

Country

Iran (Islamic Republic of)

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Recruitment status

Recruitment complete

Funding source

Vice chancellor for research, Iran University of Medical Sciences

Expected recruitment start date

2015-11-22, 1394/09/01

Expected recruitment end date

2016-02-20, 1394/12/01

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

Comparison of the femoral block with fascia ilica block on the amount of painless in patients with femoral fracture during spinal anesthesia

Public title

The effect of nerve block anesthesia on patients with femor fractures

Purpose

Treatment

Inclusion/Exclusion criteria

Inclusion criteria: Age between 25 to 70 years old; ASA I-III; non emergent surgery; without coagulopathy; without peripheral neuropathy; without history of seizure
Exclusion criteria: Incomplete block after 20 minutes; Seizure after anesthetic injection; Nausea and vomiting after anesthetic injection; Hematoma During the block

Age

From **20 years** old to **75 years** old

Gender

Both

Phase

2

Groups that have been masked

No information

Sample size

Target sample size: 52

Randomization (investigator's opinion)

Randomized

Randomization description

Blinding (investigator's opinion)

Double blinded

Blinding description

Placebo

Not used

Assignment

Parallel

Other design features

How random is done using the enclosed envelope.

Secondary Ids

empty

Ethics committees

1

Ethics committee

Name of ethics committee

Ethics Committee of Iran University of Medical Sciences

Street address

Hemmat Highway

City

Tehran

Postal code

Approval date

2014-07-21, 1393/04/30

Ethics committee reference number

105/1967/93/3

Health conditions studied

1

Description of health condition studied

Effect of nerve block on amount painless

ICD-10 code

Y48.3

ICD-10 code description

Local anaesthetics

Primary outcomes

1

Description

Time of anesthesia completion

Timepoint

After block with interval 5minute

Method of measurement

with pin prick test and Cotton alcohol

2

Description

Block Quality

Timepoint

After block with interval 5minute

Method of measurement

The ability of the patient position for spinal anesthesia

Secondary outcomes

1

Description

severity of pain

Timepoint

after Block and with Interval 5minutes

Method of measurement

Based on VAS

Intervention groups

1

Description

In the first group the patient in the supine position and after finding the femoral nerve with ultrasound 20 cc lidocaine 1/5% injected through the needle block.

Category

Treatment - Other

2

Description

In the second group the patient in the supine position and after finding the fascia iliaca with ultrasound 20 cc lidocaine 1/5% injected through the needle block.

Category

Treatment - Drugs

Recruitment centers

1

Recruitment center

Name of recruitment center

Hazrat Rasool Hospital

Full name of responsible person

Arash Memarian

Street address

Satarkhan Ave

City

Tehran

Sponsors / Funding sources

1

Sponsor

Name of organization / entity

Vice chancellor for research, Iran University of Medical Sciences

Full name of responsible person

Seyed Alijavad Musavi

Street address

Vice chancellor for research, Hemmat Highway

City

Tehran

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, 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****Person responsible for scientific inquiries****Contact****Name of organization / entity**

Anesthesiology group, Iran University of Medical Sciences

Full name of responsible person

Poopak Rahim zadeh

Position

Fellowship of pain

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

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Surgery group, Iran University of Medical Sciences

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Majid Golestani Eraghi

Position

Fellowship of Intensive care

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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