

Clinical Trial Protocol

Iranian Registry of Clinical Trials

04 Aug 2026

Effect of pain control on patients' satisfaction in patients with extremities trauma

Protocol summary

Summary

Objectives: To compare the effect of two methods of controlling and non-controlling pain in extremity trauma patients admitted to the emergency room triage. Design: Randomized, single-blind, single-center, phase II clinical trial. Performance: pain will be controlled in one group and will not be controlled in the other. Inclusion criteria included patients with extremity trauma. Exclusion Criteria included patients who have stomach ulcers and Mental diseases. Interventions: In the first intervention group the pain is controlled and in the second intervention group the pain is not controlled. The main outcome: Rate of patients' satisfaction.

General information

Acronym

IRCT registration information

IRCT registration number: **IRCT2017020227457N3**

Registration date: **2017-02-20, 1395/12/02**

Registration timing: **registered_while_recruiting**

Last update:

Update count: **0**

Registration date

2017-02-20, 1395/12/02

Registrant information

Name

Mehdi Rezaie

Name of organization / entity

Iran University of Medical Sciences

Country

Iran (Islamic Republic of)

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Recruitment status

Recruitment complete

Funding source

Iran University of Medical Sciences

Expected recruitment start date

2017-02-19, 1395/12/01

Expected recruitment end date

2017-06-22, 1396/04/01

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

Effect of pain control on patients' satisfaction in patients with extremities trauma

Public title

Survey the effect of pain control in patients with extremities trauma in triage room on the outcome and patients' satisfaction

Purpose

Prevention

Inclusion/Exclusion criteria

Inclusion criteria included patients with extremity trauma. Exclusion Criteria included patients who have stomach ulcers and Mental diseases.

Age

No age limit

Gender

Both

Phase

2

Groups that have been masked

No information

Sample size

Target sample size: **100**

Randomization (investigator's opinion)

N/A

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
Ethics Committee of Iran University of Medical Sciences

Street address
Fifth floor, Central staff, Iran University of Medical Sciences, Hemmat Highway

City
Tehran

Postal code

Approval date
2016-09-22, 1395/07/01

Ethics committee reference number
IR.iums.Rec1395.9311307013

Health conditions studied

1

Description of health condition studied
extremities trauma

ICD-10 code
M 12.5

ICD-10 code description
Transient arthropathy

Primary outcomes

1

Description
Patient satisfaction of extremity trauma

Timepoint
After controlling pain

Method of measurement
Based on feedback from patients

Secondary outcomes

empty

Intervention groups

1

Description

Intervention group: control pain in triage room. Patients in the intervention group receive 0.05 mg/kg morphine sulfate.

Category

Treatment - Drugs

2

Description

Control group: Without control pain in triage room. Patients in control group received distilled water.

Category

Treatment - Drugs

Recruitment centers

1

Recruitment center

Name of recruitment center
Firuzgar Hospital

Full name of responsible person
Dr Mehdi Rezaie

Street address
Beh afarin Ave, Firuzgar Hospital.

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
Dr Morteza Naserbakht

Street address
Fifth floor, Central staff, Iran University of Medical Sciences, 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***Phone**

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Full name of responsible person

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Position

Emergency Medicine Specialist

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PhD

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Postal code**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*