

Clinical Trial Protocol

Iranian Registry of Clinical Trials

18 Sep 2026

Comparison of antivenin and placebo effectiveness in scorpion biting

Protocol summary

Vice-chancellor for Research, Iran University of Medical Sciences

Summary

In Iran, scorpion Antivenin is injected to all scorpion bitten patients. Antivenin of Scorpion has serious short (anaphylaxis) and long (serum sickness) complications. We want to compare the efficacy of scorpion antivenin and placebo. All patients with scorpion biting will be included in the study and patients with severe symptoms will be excluded. Target sample size is 432. Patients are randomly assigned to receive Antivenin or placebo. Primary outcomes are anaphylaxis reaction, improvement of symptoms and lab data.

Expected recruitment start date

2010-06-22, 1389/04/01

Expected recruitment end date

2010-12-21, 1389/09/30

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

General information

Acronym

IRCT registration information

IRCT registration number: **IRCT138812142337N2**

Registration date: **2010-03-05, 1388/12/14**

Registration timing: **prospective**

Last update:

Update count: **0**

Registration date

2010-03-05, 1388/12/14

Registrant information

Name

Mani Mofidi

Name of organization / entity

Iran University of Medical Sciences

Country

Iran (Islamic Republic of)

Phone

+98 21 6651 8098

Email address

mofidim@iums.ac.ir

Recruitment status

Recruitment complete

Funding source

Scientific title

Comparison of antivenin and placebo effectiveness in scorpion biting

Public title

Comparison of antivenin and placebo effectiveness in scorpion biting

Purpose

Treatment

Inclusion/Exclusion criteria

Inclusion criteria: scorpion biting Exclusion criteria: critically ill patients (shock, life threatening manifestations of scorpion biting)

Age

No age limit

Gender

Both

Phase

N/A

Groups that have been masked

No information

Sample size

Target sample size: **432**

Randomization (investigator's opinion)

Randomized

Randomization description

Blinding (investigator's opinion)

Double blinded

Blinding description
Placebo
Used
Assignment
Parallel
Other design features

Secondary Ids

empty

Ethics committees

1

Ethics committee

Name of ethics committee

Iran University of Medical Sciences

Street address

Iran University of Medical Sciences, Hemmat Expway.

City

Tehran

Postal code

Approval date

2010-02-04, 1388/11/15

Ethics committee reference number

872

Health conditions studied

1

Description of health condition studied

Scorpion bite

ICD-10 code

T63.2

ICD-10 code description

Venom of scorpion

Primary outcomes

1

Description

Anaphylaxy

Timepoint

every 10 minute

Method of measurement

vital signs

2

Description

Improvement of symptoms

Timepoint

every 4 hours

Method of measurement

clinical presentation

3

Description

Adverse effects

Timepoint

every 4 hours

Method of measurement

blood and urine samples

Secondary outcomes

1

Description

Serum sickness

Timepoint

During 1 week after injection of antivenom

Method of measurement

Physical examination and Fever

Intervention groups

1

Description

Injection of a vial of placebo with identical shape as active antivenom

Category

Placebo

2

Description

Injection of a single dose of antivenin, a vial

Category

Treatment - Drugs

Recruitment centers

1

Recruitment center

Name of recruitment center

Ahvaz University of Medical Sciences

Full name of responsible person

Street address

City

Ahvaz

Sponsors / Funding sources

1

Sponsor

Name of organization / entity

Vice-chancellor for Research, Iran University of Medical Sciences

Full name of responsible person

Mrs Hosseinmardi

Street address

Iran University of Medical Sciences, Hemmat Expway

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****Name of organization / entity**

Iran University of Medical Sciences

Full name of responsible person

Babak Mahshidfar

Position

Emergency Medicine physician

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

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Position

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+98 21 6651 8098

Fax**Email**

mofidim@iums.ac.ir

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