

Clinical Trial Protocol

Iranian Registry of Clinical Trials

01 Jul 2026

The comparison of heparin and compressive stocking in deep vein thrombosis prophylaxy in cerebrovascular patients admitted in Golestan hospital

Protocol summary

Summary

The objective of this study was to compare deep vein thrombosis prophylactic procedures in patients with cerebrovascular accident. A total of 100 patients with CVA and hemiparesis, admitted in neurology ward of Golestan Hospital of Ahvaz, were enrolled in the study and assigned into subgroups (50 patients in each group). The patients in the intervention group received heparin, 5000 unit, subcutaneously, twice daily but in the control group received compressive stocking for DVT prevention over the entire course of admission. The incidence of DVT was evaluated and compared between two groups.

General information

Acronym

IRCT registration information

IRCT registration number: **IRCT201010144939N1**

Registration date: **2010-11-07, 1389/08/16**

Registration timing: **retrospective**

Last update:

Update count: **0**

Registration date

2010-11-07, 1389/08/16

Registrant information

Name

Asal faraji

Name of organization / entity

Ahvaz Jundishapur University of Medical Sciences

Country

Iran (Islamic Republic of)

Phone

+98 61 1391 2943

Email address

faraji@ajums.ac.ir

Recruitment status

Recruitment complete

Funding source

Jundishapur University of Medical Sciences

Expected recruitment start date

2009-05-14, 1388/02/24

Expected recruitment end date

2010-09-21, 1389/06/30

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

The comparison of heparin and compressive stocking in deep vein thrombosis prophylaxy in cerebrovascular patients admitted in Golestan hospital

Public title

The comparison of deep vein thrombosis prophylactic procedures in patients with cerebrovascular accident

Purpose

Prevention

Inclusion/Exclusion criteria

Inclusion criteria: admitted patients with cerebrovascular accident (CVA), presence of hemiparesis Exclusion criteria: need for anticoagulant therapy (warfarin) over the admission course

Age

No age limit

Gender

Both

Phase

N/A

Groups that have been masked

No information

Sample size

Target sample size: **100**

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

Jundishapur University, Golestan, Ahvaz

City

Ahvaz

Postal code

Approval date

2010-09-10, 1389/06/19

Ethics committee reference number

4105//8/20/پ

Health conditions studied

1

Description of health condition studied

Cerebrovascular Accident

ICD-10 code

I64

ICD-10 code description

Stroke not specified as haemorrhage or infarction

Primary outcomes

1

Description

Hemiparesis

Timepoint

Admission Course

Method of measurement

Clinical Signs (force muscle)

Secondary outcomes

1

Description

Deep Vein Thrombosis

Timepoint

Over Admission Course

Method of measurement

Clinical Signs (edema, warmness, tenderness, Hoffman's sign, size difference)

Intervention groups

1

Description

Heparin 5000 unit/ sc/BD over admission course

Category

Prevention

2

Description

compressive stocking over admission course

Category

Prevention

Recruitment centers

1

Recruitment center

Name of recruitment center

Neurology Ward, Golestan Hospital

Full name of responsible person

Asal Faraji

Street address

Golestan Hospital, Ahvaz

City

Ahvaz

Sponsors / Funding sources

1

Sponsor

Name of organization / entity

Research Deputy of Ahvaz Jundishapur University

Full name of responsible person

Dr. Nastaran Madjdinasab

Street address

School of Medicine, Jundishapur University, Golestan, Ahvaz

City

Ahvaz

Grant name

Grant code / Reference number

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

Yes

Title of funding source

Research Deputy of Ahvaz Jundishapur University

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

Ahvaz Jundishapur University of Medical Science

Full name of responsible person

Asal Faraji

Position

Neurology Resident

Other areas of specialty/work

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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