Clinical Trial Protocol
Iranian Registry of Clinical Trials

17 Sep 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
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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