

Clinical Trial Protocol

Iranian Registry of Clinical Trials

31 May 2026

Clinical trial on Enoxaparine and Aspirin effects on mobility problems of non-hemorrhagic stroke patients

Protocol summary

Summary

Objectives: To comparison of enoxaparine and Aspirin effects on mobility problems among non-hemorrhagic stroke patients. Design: Randomized controlled clinical trial Setting and conduct: 60 non-hemorrhagic stroke patients in Kashani Hospital in Shahrekord randomly assigned into two groups: experiment and control groups. Participants: Inclusion criteria were stroke patients, with confirmed nonhemorrhagic stroke diagnosed by computed tomography scan (CT- scan) or magnetic resonance imaging (MRI), in Kashani Hospital in Shahrekord. And exclusion criteria were Patients with hemorrhagic ischemic stroke; trauma; secondary neurologic complications; metabolic disorders (hypokalemia; hyponatremia ...). Intervention: Experiment group were intradermally received 5000 units heparin every 6 hours or 4000-8000 units enoxaparine every day for 3 days; however, control group were received only 100-325 mg aspirin. Main outcome measures: Muscular power, deep veins thrombosis and lung emboli.

General information

Acronym

IRCT registration information

IRCT registration number: **IRCT201109067495N1**

Registration date: **2011-12-10, 1390/09/19**

Registration timing: **retrospective**

Last update:

Update count: **0**

Registration date

2011-12-10, 1390/09/19

Registrant information

Name

Masoud Amiri

Name of organization / entity

Shahrekord University of Medical Sciences

Country

Iran (Islamic Republic of)

Phone

+98 38 1333 3710

Email address

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Recruitment status

Recruitment complete

Funding source

Vice Chancellor for Research, Shahrekord Univrsity of Medical Sciences

Expected recruitment start date

2009-03-21, 1388/01/01

Expected recruitment end date

2010-03-20, 1388/12/29

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

Clinical trial on Enoxaparine and Aspirin effects on mobility problems of non-hemorrhagic stroke patients

Public title

Clinical trial on enoxaparine and Aspirin effects on mobility problems of stroke patients

Purpose

Treatment

Inclusion/Exclusion criteria

Inclusion criteria: Stroke patients, with confirmed nonhemorrhagic stroke diagnosed by computed tomography scan (CT- scan) or magnetic resonance imaging (MRI), in Kashani Hospital in Shahrekord. ; Exclusion criteria: Patients with hemorrhagic ischemic stroke; trauma; secondary neurologic complications;

metabolic disorders (hypokalemia; hyponatremia ...)

Age

No age limit

Gender

Both

Phase

2

Groups that have been masked

No information

Sample size

Target sample size: 60

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

Ethics Committee of Shahrekord University of Medical Sciences

Street address

Ethics Committee, Shahrekord University of Medical Sciences, Kashani Street

City

Shahrekord

Postal code

88155-383

Approval date

2010-09-23, 1389/07/01

Ethics committee reference number

Thesis number 831

Health conditions studied

1

Description of health condition studied

Non-hemorrhagic stroke

ICD-10 code

I63

ICD-10 code description

Cerebral infarction

Primary outcomes

1

Description

Baseline muscular powers of patients

Timepoint

At the beginning of study

Method of measurement

Prothrombin time (PT) and partial thromboplastin time (PTT)

Secondary outcomes

1

Description

Muscular power of Limbs

Timepoint

after 3 days

Method of measurement

Prothrombin time and Tromboplastin time

Intervention groups

1

Description

60 non-hemorrhagic stroke patients were randomly assigned into two groups: Experiment and control groups. While experiment group were intradermally received 5000 units heparin every 6 hours or 4000-8000 units enoxaparine every day for 3 days.

Category

Treatment - Drugs

2

Description

60 non-hemorrhagic stroke patients were randomly assigned into two groups: Control group were received only 100-325 mg aspirin.

Category

Treatment - Other

Recruitment centers

1

Recruitment center

Name of recruitment center

Emergency Unit of Kashani Hospital

Full name of responsible person

Dr. Masoud Amiri

Street address

Department of Epidemiology and Biostatistics, Shahrekord University of Medical Sciences

City

Shahrekord

Sponsors / Funding sources

1

Sponsor

Name of organization / entity

Vice Chancellor for Research, Shahrekord University of Medical Sciences

Full name of responsible person

Dr. Mahmoud Mobasheri

Street address

Vice Chancellor for Research, Shahrekord Medical University, Kashani Street

City

Shahrekord

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, Shahrekord 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**

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Full name of responsible person

Dr. Masoud Amiri

Position

Assistant Professor in Epidemiology

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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