

Clinical Trial Protocol

Iranian Registry of Clinical Trials

01 Aug 2026

Treatment of cerebral venouse sinus thrombosis

Protocol summary

Summary

Cerebral venous thrombosis is a disorder that can affect all age groups. In this study; we are going to compare the efficacy of low molecular weight heparin (1mg/kg twice a daily) versus unfractionated heparin (25000-65000 u/day) in cerebral venous thrombosis (CVT) treatment. In this clinical trial 36 patients with CVT diagnosed who referred to neurology clinic of Emam Reza hospital of kermanshah, will be randomly allocated into one of the two mentioned groups. In all patients, measure of global disability according to modified Rankin scale and NIH stroke scale will be assessed before of the treatment, discharge time, and one month later. Finally, measure of global disability, amount of admission times and mortality rate in each group will be compared.

General information

Acronym

CVST

IRCT registration information

IRCT registration number: **IRCT201102241856N3**

Registration date: **2014-05-04, 1393/02/14**

Registration timing: **registered_while_recruiting**

Last update:

Update count: **0**

Registration date

2014-05-04, 1393/02/14

Registrant information

Name

Dariush Afshari

Name of organization / entity

Kermanshah University of Medical Sciences and Health Services

Country

Iran (Islamic Republic of)

Phone

+98 83 1835 0177

Email address

dafshari@kums.ac.ir

Recruitment status

Recruitment complete

Funding source

kermanshah university of medical sciences and health servises.

Expected recruitment start date

2013-12-17, 1392/09/26

Expected recruitment end date

2014-09-28, 1393/07/06

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

Treatment of cerebral venouse sinus thrombosis

Public title

Comparison of low molecular weight heparin and unfractionated heparin in cerebral venouse thrombosis treatment

Purpose

Treatment

Inclusion/Exclusion criteria

Inclusion criterion: the patients with cerebral venouse thrombosis diagnosed on the basis of MR venography.

Exclusion criteria: age of <18 years old; contraindications for anticoagulant; bleeding disorder; hepatic or renal dysfunction; uncontrolled hypertension; thrombocytopenia; gastrointestinal hemorrhage; papilledema with impaired vision that required lumbar punctures.

Age

No age limit

Gender

Both

Phase

2

Groups that have been masked

No information

Sample size

Target sample size: 36

Randomization (investigator's opinion)

Randomized

Randomization description

Blinding (investigator's opinion)

Double blinded

Blinding description

Placebo

Not used

Assignment

Parallel

Other design features

Secondary Ids

empty

Ethics committees

1

Ethics committee

Name of ethics committee

Kermanshah University of Medical Sciences

Street address

Kermanshah University of Medical Sciences, Shahid
Beheshti boulder, Kermanshah

City

kermanshah

Postal code

Approval date

2013-12-17, 1392/09/26

Ethics committee reference number

41099/420/7/پ

Health conditions studied

1

Description of health condition studied

cerebral venouse sinus thrombosis

ICD-10 code

G46.8

ICD-10 code description

Other vascular syndromes of brain in cerebrovascular
diseases

Primary outcomes

1

Description

measure of global disability

Timepoint

before of the trearment,discharge time,one month after
discharge

Method of measurement

according to modified Rankin scale

Secondary outcomes

1

Description

focal neurologic deficit

Timepoint

before of treatment,discharge time,one month after
discharge

Method of measurement

NIH Stroke scale

Intervention groups

1

Description

low molecular weight heparin 1mg/kg S/C twice a day for
7days.

Category

Treatment - Drugs

2

Description

unfractionated heparin 25000-65000 u IV daily for 7days.

Category

Treatment - Drugs

Recruitment centers

1

Recruitment center

Name of recruitment center

Emam Reza Hospital of Kermanshah

Full name of responsible person

Dr. Dariush Afshari

Street address

Sorkhelijeh, Kermanshah

City

Kermanshah

Sponsors / Funding sources

1

Sponsor

Name of organization / entity

Vice-chancellor for research, Kermanshah University
of Medical Sciences

Full name of responsible person

Mr. Shirzadian

Street address

Kermanshah University of Medical Sciences, building
no.2, Shahid Beheshti boulder, Kermanshah

City

Kermanshah

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, Kermanshah 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**

Kermanshah University of Medical Sciences

Full name of responsible person

Dr. Dariush Afshari

Position

Assistant Professor

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

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Person responsible for scientific inquiries**Contact****Name of organization / entity**

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Person responsible for updating data**Contact****Name of organization / entity**

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Dr. Fereshteh Nasiri

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MD, resident of Neurology

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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