

Clinical Trial Protocol

Iranian Registry of Clinical Trials

10 Jun 2026

Evaluation the effect of Clopidogrel in prevention of access graft thrombosis in upper extremity in patients undergoing hemodialysis in Emam Reza's Hospital - Kermanshah,2012-2013

Protocol summary

Summary

This study is a double blind randomized clinical trial that is aimed to prevent of vascular access graft thrombosis in upper extremity in hemodialysis patients in Emam Reza hospital in kermanshah, Iran. Inclusion criterion is all the patients with vascular access graft in upper extremity and exclusion criteria are the patients with history of use of anti platelet drugs, coagulation disorders and malignancies. Sample size is 50 in based on statistical analysis. Patients in case & control groups are treated with clopidogrel (antiplatelet) and placebo for 6 months. Patients within 6 months and in the end of study are evaluate by vascular access graft thrombosis in upper extremity.

General information

Acronym

IRCT registration information

IRCT registration number: **IRCT2013012412256N1**

Registration date: **2013-05-10, 1392/02/20**

Registration timing: **retrospective**

Last update:

Update count: **0**

Registration date

2013-05-10, 1392/02/20

Registrant information

Name

Bahman Alinejad

Name of organization / entity

Kermanshah University of Medical Sciences

Country

Iran (Islamic Republic of)

Phone

+98 83 1427 6311

Email address

dr.bh.alinejad@kums.ac.ir

Recruitment status

Recruitment complete

Funding source

Kermanshah University of Medical Sciences

Expected recruitment start date

2012-10-06, 1391/07/15

Expected recruitment end date

2013-03-05, 1391/12/15

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

Evaluation the effect of Clopidogrel in prevention of access graft thrombosis in upper extremity in patients undergoing hemodialysis in Emam Reza's Hospital - Kermanshah,2012-2013

Public title

The effect of clopidogrel in prevention of access graft thrombosis in upper extremity.

Purpose

Prevention

Inclusion/Exclusion criteria

Inclusion criterion: patients with end-stage renal failure who need to vascular access graft placement in upper extremity for hemodialysis. Exclusion criteria: patients with advanced malignancies and hyper coagulation states; patients with a history of venous access thrombosis; thrombocytopenia (<100000/ml); thrombocytosis (>450000/ml); erythrocytosis (hematocrite>55%); patients who receiving warfarin, aspirin or other salicylates, dipyridamole,sulfinpyrazone

and ticlopidine or other conditions that anti platelet drugs are contraindicated.

Age

No age limit

Gender

Both

Phase

2

Groups that have been masked

No information

Sample size

Target sample size: 50

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**

Kermanshah University of Medical Sciences

Street address

No.2, Shahid Beheshti BLV.

City

kermanshah

Postal code**Approval date**

2012-10-03, 1391/07/12

Ethics committee reference number

7/420/29108/پ

Health conditions studied**1****Description of health condition studied**

Chronic Renal Failure -Hemodialysis

ICD-10 code

N18.5

ICD-10 code description

Chronic Renal Failure -Dialysis

Primary outcomes**1****Description**

Thrombosis

Timepoint

Monthly for 6months

Method of measurement

Dupler Sonography and clinical examination

Secondary outcomes

empty

Intervention groups**1****Description**

For all patients in the intervention group,administered tablet clopidogrel 75 mg daily, orally for 6 months and patients were followed during this 6 months and monitored of graft thrombosis .

Category

Prevention

2**Description**

For all patients in the control group administered a tablet exactly similar to the clopidogrel and is made with starch composition,orally for 6 months, and patients were followed during this 6 months and monitored of graft thrombosis as the intervention group.

Category

Placebo

Recruitment centers**1****Recruitment center****Name of recruitment center**

Emam Reza Hospital

Full name of responsible person

Masoud Ahmadi

Street address

Hemodialysis Ward- Emem Reza Hospital

City

Kermanshah

Sponsors / Funding sources**1****Sponsor****Name of organization / entity**

Kermanshah Univesity of Medical sciences

Full name of responsible person

Mohammad Mahbobi- Research Affairs

Street address

No.2- Shahid Beheshti blv.

City

Kermanshah

Grant name

12480002

Grant code / Reference number

10506

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

Yes

Title of funding source

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

Bahman Alinezhad

Position

MD, assistant of general surgery

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

Emem Reza Hospital

City

Kermanshah

Postal code

67144-15333

Phone

+98 83 1838 5789

Fax**Email**

dr.alinezhad@yahoo.com

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

Kermanshah University of Medical sciences

Full name of responsible person

Ezatollah Sadegi

Position

Assistant professor of general surgery

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

Emam Reza hospital -kermanshah

City

Kermanshah

Postal code

67144-15333

Phone

+98 83 1427 6303

Fax**Email**

Ezatollah sadegi@yahoo.com

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

Kermanshah University of Medical sciences

Full name of responsible person

Bahman Alinezhad

Position

MD, assistant of general surgery

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

Emam Reza hospital -kermanshah

City

Kermanshah

Postal code

67144-15333

Phone

+98 83 1838 5789

Fax**Email**

dr.alinezhad@yahoo.com

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*