Clinical Trial Protocol
Iranian Registry of Clinical Trials

16 Sep 2026

Evaluation the effect of Clopidogrel in prevention of access graft thrombosis in upper extrimity 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 extrimity 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

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Name of organization / entity

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Recruitment status

Recruitment complete

Funding source

Kermanshah Univercity 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 extrimity 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 coagolation states; patients with a history of venous access thrombosis; thrombocytopenia (<100000/ml); thrombpcytosis (>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 grouop 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 Univesity 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

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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