

Clinical Trial Protocol

Iranian Registry of Clinical Trials

26 Jul 2026

Comparison of vascular heparin and non heparinated grafts patency in patients with Renal failure on dialysis

Protocol summary

Summary

This study aimed to compare the two types of grafts stay open heparinized and non- heparinized patients on dialysis occurs in the lower extremities. In this prospective study, during Shahrivar 1387 to Shahrivar 1394, a total of 80 dialysis patients referred to Imam Reza Kermanshah Hospital with an average age of 62 years randomly placed in two groups grafts were heparinized and non- heparinized, And for a year the amount based on the performance of dialysis grafts stay open meetings every 3 months during the study and were followed. patients a long time through Natural fistula or graft in the upper limb were on dialysis. And in this situation because of a breakdown there is another possibility for Hemodialysis. None of the patients included history of graft or fistula in the lower extremities. Patients were excluded in case of death , which occurred non case. Patients in the quarterly meetings and arterio-venous flow using Doppler ultrasonography and review the adequacy of the graft was evaluated in terms of openness. After one year , the results are compared in the two groups and the non- heparinized with heparin was investigated grafts

General information

Acronym

IRCT registration information

IRCT registration number: **IRCT2016031926066N1**

Registration date: **2016-03-19, 1394/12/29**

Registration timing: **retrospective**

Last update:

Update count: **0**

Registration date

2016-03-19, 1394/12/29

Registrant information

Name

Keivan Hosseini

Name of organization / entity

Kermanshah University of Medical Sciences

Country

Iran (Islamic Republic of)

Phone

+98 83 3427 6310

Email address

khoseini@kums.ac.ir

Recruitment status

Recruitment complete

Funding source

kermanshah University of medical sciences

Expected recruitment start date

2010-09-23, 1389/07/01

Expected recruitment end date

2015-09-23, 1394/07/01

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

Comparison of vascular heparin and non heparinated grafts patency in patients with Renal failure on dialysis

Public title

comparison of heparin and non- heparinized grafts patency in Renal Failure dialysis pateints

Purpose

Treatment

Inclusion/Exclusion criteria

Inclusion criteria: dialysis patients that candidate to graft installation Exclusion criteria: patient death

Age

No age limit

Gender

Both

Phase
N/A

Groups that have been masked
No information

Sample size
Target sample size: 80

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 Medical Science University

Street address

Surgery ward, Imam Reza Hospital, Parastar Avenue,
Kermanshah, Iran

City

kermanshah

Postal code

Approval date

2010-09-23, 1389/07/01

Ethics committee reference number

kums.rec.1394.221

Health conditions studied

1

Description of health condition studied

Chronic Renal Failure

ICD-10 code

N18,N18.1,

ICD-10 code description

Chronic Kidney Disease

Primary outcomes

1

Description

Graft Ptency

Timepoint

3th, 6th, 9th and 12th month after graft installation

Method of measurement

doppler ultra sonography

Secondary outcomes

empty

Intervention groups

1

Description

Non- heparinized grafts is embedded in the control group during the year on dialysis grafts stay open properly assessed every 3 months

Category

Treatment - Surgery

2

Description

For the intervention group, graft patency rate with heparin is embedded in every 3 months during the year is investigated

Category

Treatment - Surgery

Recruitment centers

1

Recruitment center

Name of recruitment center

Imam Reza Hospital

Full name of responsible person

Keivan Hosseini

Street address

Imam Reza Hospital,Parastar avenue,
Kermanshah,Iran

City

Kermanshah

Sponsors / Funding sources

1

Sponsor

Name of organization / entity

Kermanshah University Of Medical Sciences

Full name of responsible person

Dr. Siros Jalili

Street address

Medical Faculty,Parastar Avenue, Kermanshah,Iran

City

Kermanshah

Grant name

Grant code / Reference number

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 Medical Science University

Full name of responsible person

Keivan Hosseini

Position

General Surgery Resident

Other areas of specialty/work

Street address

Imam Reza Hospital, Kermanshah

City

Kermanshah

Postal code

Phone

+98 83 3427 6310

Fax

Email

khoseini@kums.ac.ir

Web page address

Kermanshah

Postal code

Phone

+98 83 3427 6310

Fax

Email

khoseini@kums.ac.ir

Web page address

Person responsible for updating data

Contact

Name of organization / entity

Kermanshah Medical Science University

Full name of responsible person

Keivan Hosseini

Position

General Surgery Resident/ M.D.

Other areas of specialty/work

Street address

Imam Reza Hospital, Parastar Avenue, Kermanshah

City

Kermanshah

Postal code

Phone

+98 83 3427 6310

Fax

Email

khoseini@kums.ac.ir

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

Person responsible for scientific inquiries

Contact

Name of organization / entity

Kermanshah Medical Science University

Full name of responsible person

Ezatollah Sadeghi

Position

Vascular Surgeon

Other areas of specialty/work

Street address

Imama Reza Hospital, Kermanshah

City