Clinical Trial Protocol
Iranian Registry of Clinical Trials

19 Sep 2026

Clinical trial of comparison the complications of closure and not closure distal of the vein in snuff box AVFs in chronic renal failure patients

Protocol summary

Summary

Objective: comparative evaluation of the complications of closure and not closure vein distal in snuff box AVFs in chronic renal failure patients. Design of the study: randomization using random permuted blocks, convenience sampling, double-blind, single-center, phase II trial. Study population: all patients with stage 5 of renal failure. Main inclusion criteria: patients who are followed for up to 7 months after surgery; No blood sampling or blood pressure measurement of the limb which will be chosen for fistula. Main exclusion criteria: systolic blood pressure below 100 mm Hg; positive history of subclavian catheter placement of the aimed limb; the absence of thrill and machinery murmur after the operation; hemodialysis stop due to recovery or transplantation or death. Sample size: 60. Interventions: closure the distal of the vein after AV fistula surgery in intervention group. In control group, not closure the distal of the vein after AV fistula surgery. Intervention time: at the time of arteriovenous fistula placement during operation. Outcomes of interest: early efficacy of arteriovenous fistula, late efficacy of arteriovenous fistula.

General information

Acronym

IRCT registration information

IRCT registration number: **IRCT2016111030819N1**
Registration date: **2017-01-23, 1395/11/04**
Registration timing: **registered_while_recruiting**

Last update:
Update count: **0**

Registration date

2017-01-23, 1395/11/04

Registrant information

Name

Jalal Seyyedi

Name of organization / entity

Zahedan Medical University of Science

Country

Iran (Islamic Republic of)

Phone

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Email address

drseyyedi@zaums.ac.ir

Recruitment status

Recruitment complete

Funding source

Vice chancellor for research, Zahedan University of Medical Sciences

Expected recruitment start date

2016-01-21, 1394/11/01

Expected recruitment end date

2017-03-15, 1395/12/25

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

Clinical trial of comparison the complications of closure and not closure distal of the vein in snuff box AVFs in chronic renal failure patients

Public title

Comparison the complications of closure and not closure distal of the vein in snuff box AVFs in chronic renal failure patients

Purpose

Treatment

Inclusion/Exclusion criteria

Main inclusion criteria: patients who are followed for up to 7 months after surgery; No blood sampling or blood

pressure measurement of the limb which will be chosen for fistula. Main exclusion criteria: systolic blood pressure below 100 mm Hg; positive history of subclavian catheter placement of the aimed limb; the absence of thrill and machinery murmur after the operation; hemodialysis stop due to recovery or transplantation or death.

Age
No age limit

Gender
Both

Phase
N/A

Groups that have been masked
No information

Sample size
Target sample size: **60**

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
Ethics Committee of Zahedan University of Medical Sciences

Street address
Ethics Committee of Zahedan University of Medical Sciences, Zahedan University of Medical Sciences, Dr.Hesabi Square, Zahedan

City
Zahedan

Postal code

Approval date
2010-09-23, 1389/07/01

Ethics committee reference number
IR.zaums.rec.1394.264

Health conditions studied

1

Description of health condition studied
Renal failure

ICD-10 code
N18, N18.5

ICD-10 code description
Chronic kidney disease, stage 5

Primary outcomes

1

Description
Early efficacy of venous fistula

Timepoint
One day and one month after surgery

Method of measurement
A palpable thrill and bruit hearing

2

Description
Late efficacy of venous fistula

Timepoint
Three months after surgery

Method of measurement
Palpable thrill and bruit hearing

Secondary outcomes

empty

Intervention groups

1

Description
Intervention group: Closure the distal of the vein after AV fistula surgery

Category
Treatment - Surgery

2

Description
Control group: not closure the distal of the vein after AV fistula surgery

Category
Treatment - Surgery

Recruitment centers

1

Recruitment center

Name of recruitment center
Ali-ebn Abi Taleb Hospital, Zahedan

Full name of responsible person
Jalal Seyyedi

Street address
Surgery Department, Zahedan Ali-ebn Abi Talib Hospital, Salamat Blvd, Dr.Hesabi Sq., Zahedan

City
Zahedan

Sponsors / Funding sources

1

Sponsor
Name of organization / entity
Vice chancellor for research, Zahedan University of Medical Sciences
Full name of responsible person
Mohsen Taheri
Street address
Vice chancellor for research, Zahedan University of Medical Sciences, Zahedan
City
Zahedan
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, Zahedan 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
Zahedan University of Medical Sciences
Full name of responsible person
Jalal Seyyedi
Position
Surgery Residence
Other areas of specialty/work
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Person responsible for scientific inquiries

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Name of organization / entity
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Dr. Alireza Khazaee
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Associate Professor of Surgery
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Person responsible for updating data

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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*