

Clinical Trial Protocol

Iranian Registry of Clinical Trials

29 Jul 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**Street address**

Surgery Department, Ali-ebn Abi Taleb Hospital, Salamat Blvd, Dr.Hesabi Sq., Daneshgah Ave., Zahedan

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Person responsible for scientific

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Dr. Alireza Khazaei

Position

Associate Professor of Surgery

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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

