

Clinical Trial Protocol

Iranian Registry of Clinical Trials

17 Sep 2026

Comparison of left and right subclavian vein catheter placement complications in patients who undergoing coronary artery graft. Surgery

Protocol summary

Summary

In this study , we compare left and right subclavian vein catheter placement complications in patients who undergoing coronary artery bypass graft surgery. The patients will be studied in two groups randomly. Inclusion criteria are all patients between 19 to 100 years old that candidate for coronary artery bypass graft surgery with LIMA graft. Exclusion criteria are patients who undergone thoracic surgery previously. Numbers of patients in this study are 148. Complications of catheter placement detect with surgeon and chest x-ray and manage by surgeon and anesthesiologist.

General information

Acronym

IRCT registration information

IRCT registration number: **IRCT2012072110348N1**

Registration date: **2012-10-29, 1391/08/08**

Registration timing: **registered_while_recruiting**

Last update:

Update count: **0**

Registration date

2012-10-29, 1391/08/08

Registrant information

Name

Masoud Tarbiat

Name of organization / entity

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Recruitment status

Recruitment complete

Funding source

Maevante Pajoheshi, Hamedan University of Medical Sciences

Expected recruitment start date

2012-09-22, 1391/07/01

Expected recruitment end date

2012-12-05, 1391/09/15

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

Comparison of left and right subclavian vein catheter placement complications in patients who undergoing coronary artery graft. Surgery

Public title

Complications of left and right subclavian vein catheter placement.

Purpose

Prevention

Inclusion/Exclusion criteria

Inclusion criteria :All patients who undergo coronary artery graft with LIMA graft and all patients between 19 to 100 years old. Exclusion criteria: The patients who undergone thoracic surgery previously.

Age

From **19 years** old to **100 years** old

Gender

Both

Phase

N/A

Groups that have been masked

No information

Sample size

Target sample size: **148**

Randomization (investigator's opinion)

Randomized

Randomization description**Blinding (investigator's opinion)**

Not blinded

Blinding description**Placebo**

Not used

Assignment

Parallel

Other design features**Secondary Ids**

empty

Ethics committees1**Ethics committee****Name of ethics committee**

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83512544

Approval date

2012-06-16, 1391/03/27

Ethics committee reference number

1021/9/35/16/د/پ

Health conditions studied1**Description of health condition studied**

Catherization

ICD-10 code

y70

ICD-10 code description

Medical devices associated with adverse incidents in diagnostic and therapeutic use

Primary outcomes1**Description**

Catheter location(position)

Timepoint

One day after Catheterization

Method of measurement

Chest x-ray

Secondary outcomes1**Description**

LIMA injury

Timepoint

After opening chest wall

Method of measurement

Observation by surgeon

Intervention groups1**Description**

The patients of coronary artery bypass graft surgery divided in two groups randomly.In one group,the catheter will be inserted in left subclavein vein.

Category

Prevention

2**Description**

In other group, the catheter will be inserted in right subclavein vein.

Category

Treatment - Drugs

Recruitment centers1**Recruitment center****Name of recruitment center**

Ekbatan Hospital

Full name of responsible person

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Sponsors / Funding sources1**Sponsor****Name of organization / entity**

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Grant name**Grant code / Reference number****Is the source of funding the same sponsor organization/entity?**

Yes

Title of funding source

Hamedan 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

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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