

# 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

Hamedan University of Medical Sciences

###### Country

Iran (Islamic Republic of)

###### Phone

+98 81 1825 1244

###### Email address

masoud.tarbiat@umsha.ac.ir

##### 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 committees****1****Ethics committee****Name of ethics committee**

Hamedan University of Medical Sciences

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Hamedan University of Medical Sciences , Shariaty cross, Hamedan

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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 studied****1****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 outcomes****1****Description**

Catheter location(position)

**Timepoint**

One day after Catheterization

**Method of measurement**

Chest x-ray

**Secondary outcomes****1****Description**

LIMA injury

**Timepoint**

After opening chest wall

**Method of measurement**

Observation by surgeon

**Intervention groups****1****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 centers****1****Recruitment center****Name of recruitment center**

Ekbatan Hospital

**Full name of responsible person**

Masoud Tarbiat

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Ekbatan Hospital, Talaghani street, Hamedan

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**Sponsors / Funding sources****1****Sponsor****Name of organization / entity**

Hamedan university of Medical Sciences

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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

### Contact

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## Person responsible for scientific inquiries

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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*