

# Clinical Trial Protocol

## Iranian Registry of Clinical Trials

07 Jul 2026

### Comparison of the success and patient satisfaction in coronary catheterization of Distal Radial Approach Using a "Snuff Box" and the Proximal Radial Approach

#### Protocol summary

##### Study aim

Comparison of the success and patient satisfaction in coronary catheterization of Distal Radial Approach Using a "Snuff Box" and the Proximal Radial Approach

##### Design

randomized clinical trial ,sample number 70.divided in 2 parallel group of 35 patient ,

##### Settings and conduct

this trial will be done at imam reza hospital. for patient who need angiography or angioplasty due to medical assessment and after acceptance by patient

##### Participants/Inclusion and exclusion criteria

entry criteria :patient who need an angiography or angioplasty exit criteria: structural anomalies at this site ,refused by patient

##### Intervention groups

distal snuff box coronary angiography or angioplasty

##### Main outcome variables

Comparison of the success and patient satisfaction in coronary catheterization of Distal Radial Approach Using a "Snuff Box" and the Proximal Radial Approach

#### General information

##### Reason for update

##### Acronym

##### IRCT registration information

IRCT registration number: **IRCT20221221056888N1**

Registration date: **2023-11-18, 1402/08/27**

Registration timing: **registered\_while\_recruiting**

Last update: **2023-11-18, 1402/08/27**

Update count: **0**

##### Registration date

2023-11-18, 1402/08/27

##### Registrant information

##### Name

Moustafa Nasser eddine

##### Name of organization / entity

##### Country

Iran (Islamic Republic of)

##### Phone

+98 901 320 2144

##### Email address

naseroddinm991@mums.ac.ir

##### Recruitment status

**Recruitment complete**

##### Funding source

##### Expected recruitment start date

2023-11-11, 1402/08/20

##### Expected recruitment end date

2025-11-11, 1404/08/20

##### Actual recruitment start date

empty

##### Actual recruitment end date

empty

##### Trial completion date

empty

##### Scientific title

Comparison of the success and patient satisfaction in coronary catheterization of Distal Radial Approach Using a "Snuff Box" and the Proximal Radial Approach

##### Public title

Comparison of the success and patient satisfaction in coronary catheterization of Distal Radial Approach Using a "Snuff Box" and the Proximal Radial Approach

##### Purpose

Treatment

##### Inclusion/Exclusion criteria

##### Inclusion criteria:

patients who need angiography or angioplasty

##### Exclusion criteria:

structure anomalies at distal or proximal radius patient who refuse radial angiography

**Age**

No age limit

**Gender**

Both

**Phase**

N/A

**Groups that have been masked**

No information

**Sample size**

Target sample size: 70

**Randomization (investigator's opinion)**

Not 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**

Ethics committee of mashhad University of Medical Sciences

**Street address**

No.12,dastgheyb 9

**City**

Mashhad

**Province**

Razavi Khorasan

**Postal code**

918 789 3335

**Approval date**

2022-11-14, 1401/08/23

**Ethics committee reference number**

IR.MUMS.MEDICAL.REC.1401.473

**Health conditions studied****1****Description of health condition studied**

Comparison of the success and patient satisfaction in coronary catheterization of Distal Radial Approach Using a "Snuff Box" and the Proximal Radial Approach

**ICD-10 code****ICD-10 code description****Primary outcomes****1****Description**

Comparison of the success and patient satisfaction in coronary catheterization of Distal Radial Approach Using a "Snuff Box" and the Proximal Radial Approach

**Timepoint**

12 months

**Method of measurement**

angiography distal or proximal

**Secondary outcomes**

empty

**Intervention groups****1****Description**

Intervention group: Patients underwent angiography or angioplasty by radial distal method 'Snuff Box'

**Category**

Treatment - Surgery

**2****Description**

Control group: Patients underwent angiography or angioplasty by radial proximal method.

**Category**

Placebo

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

imam reza hospital

**Full name of responsible person**

mahmoud mohamadzade shabestari

**Street address**

sajjad bolivard-banafshe 13 street -block 32

**City**

mashhad

**Province**

Razavi Khorasan

**Postal code**

9187753830

**Phone**

+98 901 320 2144

**Email**

naseroddinm911@mums.ac.ir

**Web page address**

[https://fa.irct.ir/user/trial/67531/update/recruitment\\_enter](https://fa.irct.ir/user/trial/67531/update/recruitment_enter)

## Sponsors / Funding sources

### 1

#### Sponsor

**Name of organization / entity**

Mashhad University of Medical Sciences

**Full name of responsible person**

mahmoud mohamadzade shabestari

**Street address**

sajjad bolivard-banafshe 13 street -block 32

**City**

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**Province**

Razavi Khorasan

**Postal code**

9187753830

**Phone**

+98 901 320 2144

**Email**

naseroddinm911@mums.ac.ir

**Web page address**

<https://fa.irct.ir/user/trial/67531/update/sponsor>

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

No

**Title of funding source**

medical university of mashhad

**Proportion provided by this source**

100

**Public or private sector**

Public

**Domestic or foreign origin**

Domestic

**Category of foreign source of funding**

empty

**Country of origin****Type of organization providing the funding**

Academic

## Person responsible for general inquiries

**Contact****Name of organization / entity**

Mashhad University of Medical Sciences

**Full name of responsible person**

moustafa nassereddine

**Position**

cardiology resident

**Latest degree**

Specialist

**Other areas of specialty/work**

Cardiology

**Street address**

sajjad bolivard-banafshe 13 street -block 32

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## Person responsible for scientific inquiries

**Contact****Name of organization / entity**

Mashhad University of Medical Sciences

**Full name of responsible person**

mahmod mohamadzadeh shabestari

**Position**

Professor

**Latest degree**

Subspecialist

**Other areas of specialty/work**

Cardiology

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**Email**

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## Person responsible for updating data

**Contact****Name of organization / entity**

Mashhad University of Medical Sciences

**Full name of responsible person**

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**Position**

professor

**Latest degree**

Subspecialist

**Other areas of specialty/work**

Medical Education

**Street address**

imam reza hospital

**City**

mashhad

**Province**

Razavi Khorasan

**Postal code**

9187753830

**Phone**

+98 915 156 6747

**Email**

shabestarim@mums.ac.ir

## Sharing plan

### Deidentified Individual Participant Data Set (IPD)

Yes - There is a plan to make this available  
**Study Protocol**  
Yes - There is a plan to make this available  
**Statistical Analysis Plan**  
Yes - There is a plan to make this available  
**Informed Consent Form**  
Yes - There is a plan to make this available  
**Clinical Study Report**  
Yes - There is a plan to make this available  
**Analytic Code**  
Yes - There is a plan to make this available  
**Data Dictionary**  
Yes - There is a plan to make this available  
**Title and more details about the data/document**  
all data can be shared after deidentifying individuals  
**When the data will become available and for how long**

The access period starts 6 months after the results are published  
**To whom data/document is available**  
It will be available for researchers working in academic and scientific institutions  
**Under which criteria data/document could be used**  
To investigate the superiority of the snuff box catheterization method compared to the proximal method  
**From where data/document is obtainable**  
naseroddinm911@mums.ac.ir  
**What processes are involved for a request to access data/document**  
After receiving the e-mail containing the details of the applicant, the documents will be sent within 7 working days  
**Comments**