

# Clinical Trial Protocol

## Iranian Registry of Clinical Trials

03 Jun 2026

### Studying the effect of acupuncture on refractory chest pain of the patients with patent coronary angiogram

#### Protocol summary

##### Summary

Stable angina pectoris patients are a high number of referrals to cardiology clinics. In patients with coronary artery involvement less than 50 percent in whom invasive treatments are not indicated, medical treatment plays an important role in the symptom management and their quality of life. In case of resistance to medication, complementary medicine like acupuncture may help. 40 patients with stable angina and normal coronary angiography who are resistant to medical treatment, will be interred the study and randomized to experimental and control groups. The routine medical treatment will be prescribed for patients of both groups and the experimental group will receive acupuncture treatment for 4 weeks. All patients will be followed up till week 8.

#### General information

##### Acronym

##### IRCT registration information

IRCT registration number: **IRCT201512037265N2**

Registration date: **2015-12-08, 1394/09/17**

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

Last update:

Update count: **0**

##### Registration date

2015-12-08, 1394/09/17

##### Registrant information

##### Name

Hoda Azizi

##### Name of organization / entity

Mashhad University of Medical Sciences

##### Country

Iran (Islamic Republic of)

##### Phone

+98 51 1855 2188

##### Email address

azizih@mums.ac.ir

##### Recruitment status

**Recruitment complete**

##### Funding source

Deputy for Research, Mashhad University Medical Sciences

##### Expected recruitment start date

2015-12-06, 1394/09/15

##### Expected recruitment end date

2016-04-03, 1395/01/15

##### Actual recruitment start date

empty

##### Actual recruitment end date

empty

##### Trial completion date

empty

##### Scientific title

Studying the effect of acupuncture on refractory chest pain of the patients with patent coronary angiogram

##### Public title

Studying the effect of acupuncture on refractory chest pain of the patients with patent coronary angiogram

##### Purpose

Treatment

##### Inclusion/Exclusion criteria

Inclusion criteria: 1- Patients with typical angina pectoris with coronary artery involvement less than 50 percent. 2- Being an appropriate candidate for medical treatment. 3- Being resistant to maximal dosage of medical treatment. Exclusion criteria: 1- Being a candidate for revascularisation 2- Left ventricular systolic function less than 30 percent 3- Detection of acute coronary syndrome in each study stage

##### Age

From **5 years** old to **90 years** old

##### Gender

Both

## Phase

N/A

## Groups that have been masked

No information

## Sample size

Target sample size: 40

## 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

The Ethics committee of Mashhad University of Medical Sciences

##### Street address

MUMS' central office, Daneshgah street

##### City

Mashhad

##### Postal code

#### Approval date

2012-10-20, 1391/07/29

#### Ethics committee reference number

900578

## Health conditions studied

### 1

#### Description of health condition studied

Angina pectoris

#### ICD-10 code

#### ICD-10 code description

## Primary outcomes

### 1

#### Description

number of chest pain episodes per week

#### Timepoint

0, end of week 4, end of week 8

#### Method of measurement

VAS

## Secondary outcomes

empty

## Intervention groups

### 1

#### Description

Intervention: Medical treatment & acupuncture

#### Category

Treatment - Other

### 2

#### Description

Control: Medical treatment only

#### Category

Treatment - Other

## Recruitment centers

### 1

#### Recruitment center

##### Name of recruitment center

Imam Reza Hospital

##### Full name of responsible person

Dr. Hoda Azizi

##### Street address

Center for Acupuncture and massage, Imam Reza Hospital

##### City

Mashhad

## Sponsors / Funding sources

### 1

#### Sponsor

##### Name of organization / entity

Mashhad University of Medical Sciences

##### Full name of responsible person

Dr Mohsen Tafaghodi

##### Street address

MUMS' Central office, Daneshgah street

##### City

Mashhad

#### Grant name

#### Grant code / Reference number

#### Is the source of funding the same sponsor organization/entity?

Yes

#### Title of funding source

Mashhad 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**

Mashhad University of Medical Sciences

**Full name of responsible person**

Dr Hoda Azizi

**Position**

Assistant Professor

**Other areas of specialty/work**

**Street address**

Department of Chinese and Complementary  
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Medicine

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Assistant Professor

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**Full name of responsible person**

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**Position**

MD, PhD in Acupuncture, Assistant Professor

**Other areas of specialty/work**

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Department of Chinese and Complementary Medicine

**City**

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**Postal code**

**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*