

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

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Position

MD, PhD in Acupuncture, Assistant Professor

Other areas of specialty/work

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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