

# Clinical Trial Protocol

## Iranian Registry of Clinical Trials

28 Sep 2026

### Effect of cupping and nutritional correction on clinical signs and blood factors of male patients with persistent chronic angina resistant to treatment

#### Protocol summary

##### Study aim

Determination of the effect of cupping and nutritional reform on clinical signs and blood factors in resistant patients with persistent cardiac angina

##### Design

According to the definition of the patients, 4 envelopes were prepared in 4 groups, which, based on the time of referral, take one of the envelopes.

##### Settings and conduct

Approximately 60 patients with stable CABG (patients with standard therapies including coronary revascularisation by endoscopy and endodontic treatment), standard drugs have not responded adequately and are not well-labeled. By the cardiologist and cardiologist at Imam Reza Hospital, Mashhad, after diagnostic procedures and treatment (medicine, angioplasty and open heart surgery) if the conditions of participation in the project They should be referred to the Iranian medical assistant (collaborator) . First, the volunteers are familiar with the research process and are fully justified by the written consent of the research goal and the availability of the research, and the probable loss and profit. The volunteers are randomly assigned into 4 intervention and control groups (3 intervention groups and one control group).

##### Participants/Inclusion and exclusion criteria

Male Patients with stable, heart-resistant angina

##### Intervention groups

Patients were randomly divided into four intervention and control groups, each with 15 subjects. In all four, patients take their standard heart rate medications. In the first intervention group, for two patients , a common cupping is performed in the second intervention group, nutrition modification, in the third intervention group, general phytopathology and nutritional correction both. In the control group, patients receive only their usual treatment.

##### Main outcome variables

Improve patient pain Changing blood factors include: CBC, FBS, BUN, Cr, Cholesterol, HDL-C, LDL-c, Triglyceride, SGOT,SGPT

#### General information

##### Reason for update

##### Acronym

UAC

##### IRCT registration information

IRCT registration number: **IRCT20171004036564N1**

Registration date: **2018-04-09, 1397/01/20**

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

Last update: **2018-04-09, 1397/01/20**

Update count: **0**

##### Registration date

2018-04-09, 1397/01/20

##### Registrant information

##### Name

Mohammad Abazari

##### Name of organization / entity

Mashhad University of Medical Sciences

##### Country

Iran (Islamic Republic of)

##### Phone

+98 51 3884 8931

##### Email address

abazarim931@mums.ac.ir

##### Recruitment status

**Recruitment complete**

##### Funding source

##### Expected recruitment start date

2018-02-20, 1396/12/01

##### Expected recruitment end date

2019-08-22, 1398/05/31

**Actual recruitment start date**  
empty

**Actual recruitment end date**  
empty

**Trial completion date**  
empty

**Scientific title**  
Effect of cupping and nutritional correction on clinical signs and blood factors of male patients with persistent chronic angina resistant to treatment

**Public title**  
Effect of cupping and nutrition correction on clinical signs and blood factors of men with stable angina resistant to treatment

**Purpose**  
Treatment

**Inclusion/Exclusion criteria**  
**Inclusion criteria:**  
 1. 1 بیمار مرد. Patients with minimal CAD normal coronary artery had incomplete response to drug therapy. (X syndrome) 3. CAD patients who were not suitable for CABG (Coronary Artery Bypass Grafting) and PTCA (Percutaneous Transluminal Coronary Angioplasty). The slow flow syndrome or (Y syndrome) 4. Patients with Microvascular Angina (angina caused by tiny cardiac arrhythmias) 5. Patients with visible venous PTCA patients were not involved in revascularization. 6. CABG patients with visible vascular involvement were not involved in revascularization.  
**Exclusion criteria:**  
 1. Arrhythmias that lead to functional dysfunction 2. Bleed talent 3. Active thrombophlebitis 4. There is evidence of aneurysm that requires surgery. 5. Patients with significant dysfunction (Severe AL-Severe AS-Severe MS) 6. Change the way the patient continues treatment 7. Anemia (HB less than 10 and HCT less than 30) 8. Very Slim and Very Obese (BMI less than 15 and more than 35)

**Age**  
No age limit

**Gender**  
Male

**Phase**  
0

**Groups that have been masked**  
No information

**Sample size**  
Target sample size: 60

**Randomization (investigator's opinion)**  
Randomized

**Randomization description**  
Envelope method According to the definition of the patients, 4 envelopes were prepared in 4 groups, which, based on the time of referral, take one of the envelopes.

**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

Imam Reza Hospital - Avicenna Street

##### City

Mashhad

##### Province

Razavi Khorasan

##### Postal code

9137913316

#### Approval date

2018-01-27, 1396/11/07

#### Ethics committee reference number

IR.MUMS.REC.1396.227

## Health conditions studied

### 1

#### Description of health condition studied

Sustained cardiac angina resistant to treatment

#### ICD-10 code

I20.0

#### ICD-10 code description

Unstable angina

## Primary outcomes

### 1

#### Description

Improve patient pain

#### Timepoint

The beginning of the study (before the intervention) and 30 days after the intervention

#### Method of measurement

Seattle's Angina Inventory Complex and Paraclinical Tests

### 2

#### Description

Changing blood factors

#### Timepoint

The beginning of the study (before the intervention) and 30 days after the intervention

#### Method of measurement

Paraclinical tests

## Secondary outcomes

empty

## Intervention groups

### 1

#### Description

Control group: Complete Seattle's Angina Inventory and Paraclinical Tests

#### Category

Other

### 2

#### Description

Intervention group: Nutrition correction

#### Category

Lifestyle

### 3

#### Description

Intervention group: Cupping between two scissors

#### Category

Treatment - Surgery

### 4

#### Description

Intervention group: Correction of nutrition and cupping between two scapula (general)

#### Category

Treatment - Surgery

## Recruitment centers

### 1

#### Recruitment center

##### Name of recruitment center

Imam Reza Hospital, Mashhad

##### Full name of responsible person

Mohammad Abazari

##### Street address

Imam Reza Hospital, Avicenna Street

##### City

Mashhad

##### Province

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9137913316

##### Phone

+98 51 3854 3031

##### Email

Abazarim931@mums.ac.ir

## Sponsors / Funding sources

### 1

#### Sponsor

##### Name of organization / entity

Mashhad University of Medical Sciences

##### Full name of responsible person

Dr. Mohsen Tafaghodi, Research Vice Chancellor

##### Street address

Vice Chancellery for Research of Mashhad University of Mashhad

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##### Province

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##### Phone

+98 51 3841 1538

##### Email

Vcresearch@mums.ac.ir

#### 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

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

Mohammad Abazari

##### Position

assistant

##### Latest degree

Medical doctor

##### Other areas of specialty/work

Traditional Medicine

##### Street address

Imam Reza Hospital Square (Imam Reza Hospital)

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MASHHAD

##### Province

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##### Phone

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##### Email

## Person responsible for scientific inquiries

### Contact

**Name of organization / entity**

Mashhad University of Medical Sciences

**Full name of responsible person**

Arash Ghulabi

**Position**

Assistant professor

**Latest degree**

Specialist

**Other areas of specialty/work**

Cardiology

**Street address**

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## Person responsible for updating data

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**Name of organization / entity**

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**Position**

assistant

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**Other areas of specialty/work**

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## Sharing plan

**Deidentified Individual Participant Data Set (IPD)**

Undecided - It is not yet known if there will be a plan to make this available

**Study Protocol**

Undecided - It is not yet known if there will be a plan to make this available

**Statistical Analysis Plan**

Undecided - It is not yet known if there will be a plan to make this available

**Informed Consent Form**

Undecided - It is not yet known if there will be a plan to make this available

**Clinical Study Report**

Undecided - It is not yet known if there will be a plan to make this available

**Analytic Code**

Undecided - It is not yet known if there will be a plan to make this available

**Data Dictionary**

Undecided - It is not yet known if there will be a plan to make this available