

# Clinical Trial Protocol

## Iranian Registry of Clinical Trials

02 Jul 2026

### The effect of nursing education on knowledge, attitudes and beliefs related to response to acute myocardial infarction in people with coronary syndrom

#### Protocol summary

##### Summary

The purpose of this study is assessment of the effect of nursing education on knowledge, attitudes and beliefs related to response to acute myocardial infarction in people with coronary heart disease. Inclusion criteria: age < 60 years old; ability to reading and writing; affected to cardiovascular disease and living in Tehran. Individuals were excluded if they have any of the following: major and uncorrected visual and hearing loss; an illness or cognitive disorder. In this study research population is inpatient with acute coronary syndrom in Tehran Shahid Rajaee Heart Center. Sample size of this study is 170 patients. In this study we use nursing education for patients in case group and after 3 months of education, patients knowledge, attitudes and beliefs will be measured in both case and control groups.

#### General information

##### Acronym

##### IRCT registration information

IRCT registration number: **IRCT138810012910N1**  
Registration date: **2011-08-16, 1390/05/25**  
Registration timing: **retrospective**

Last update:

Update count: **0**

##### Registration date

2011-08-16, 1390/05/25

##### Registrant information

##### Name

Maryam Esmaeili

##### Name of organization / entity

Islamic Azad University of Karaj

##### Country

Iran (Islamic Republic of)

##### Phone

+98 26 1460 5983

##### Email address

maryam.esmaeili@kiaou.ac.ir

##### Recruitment status

**Recruitment complete**

##### Funding source

Karaj Branch, Islamic Azad University

##### Expected recruitment start date

2010-02-04, 1388/11/15

##### Expected recruitment end date

2010-06-05, 1389/03/15

##### Actual recruitment start date

empty

##### Actual recruitment end date

empty

##### Trial completion date

empty

##### Scientific title

The effect of nursing education on knowledge, attitudes and beliefs related to response to acute myocardial infarction in people with coronary syndrom

##### Public title

Nursing Education Effect

##### Purpose

Prevention

##### Inclusion/Exclusion criteria

Inclusion criteria: a history of cardiovascular disease; age < 65 years old, living in Tehran; ability to reading and writing. Exclusion criteria: major and uncorrected hearing and vision loss; history of cognitive disorder.

##### Age

To **65 years old**

##### Gender

Both

## Phase

N/A

## Groups that have been masked

No information

## Sample size

Target sample size: 170

## Randomization (investigator's opinion)

Randomized

## Randomization description

## Blinding (investigator's opinion)

Not blinded

## Blinding description

## Placebo

Not used

## Assignment

Other

## Other design features

## Secondary Ids

empty

## Ethics committees

### 1

#### Ethics committee

##### Name of ethics committee

Karaj branch, Islamic Azad University

##### Street address

Moazen Blvrd

##### City

Karaj

##### Postal code

3198783519

#### Approval date

2010-07-18, 1389/04/27

#### Ethics committee reference number

003

## Health conditions studied

### 1

#### Description of health condition studied

Acute Coronary Syndrom

#### ICD-10 code

I21

#### ICD-10 code description

Acute myocardial infarction

## Primary outcomes

### 1

#### Description

knowledge, attitudes and beliefs

#### Timepoint

before and 3 month after intervention

#### Method of measurement

questionnaire

## Secondary outcomes

empty

## Intervention groups

### 1

#### Description

Education (Lecture, 1 section, duration:1 hour)

#### Category

Prevention

### 2

#### Description

Not Intervention in Control Group

#### Category

N/A

## Recruitment centers

### 1

#### Recruitment center

##### Name of recruitment center

Shahid Rajaee Hospital

##### Full name of responsible person

##### Street address

##### City

Tehran

## Sponsors / Funding sources

### 1

#### Sponsor

##### Name of organization / entity

Islamic Azad University of Karaj

##### Full name of responsible person

Maryam Esmaeili

##### Street address

Moazen Blvrd

##### City

Karaj

#### Grant name

#### Grant code / Reference number

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

Yes

#### Title of funding source

Islamic Azad University of Karaj

#### 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**

Islamic Azad University of Karaj

**Full name of responsible person**

Maryam Esmaeili

**Position**

MS of Nursing

**Other areas of specialty/work**

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## Person responsible for scientific inquiries

### Contact

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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*