

# Clinical Trial Protocol

## Iranian Registry of Clinical Trials

21 Jun 2026

### Comparing two methods of group training and individual training on anxiety of family members of candidates for coronary angiography .

#### Protocol summary

##### Study aim

Determining the Effect of Two Methods of Group Training and Individual Training on Knowledge and Anxiety of Family Members of Candidates for Coronary Angiography

##### Design

This randomized clinical trial with parallel groups will be performed on 60 family members of the patient who are candidates for coronary angiography. Participants in this study will be divided into three groups by dice throwing. Intervention group 1: For group training, family members of patients are placed in 7 groups of 6 people. Intervention group 2: Individual training is given to each patient's family member. Intervention group 3: As a control group, no training will be received.

##### Settings and conduct

This randomized study was conducted to determine the effect of two methods of group training and individual training on knowledge and anxiety of family members of candidates for coronary artery angiography who referred to Amiralmomenin-e-Kordokhi Hospital. The participants in the study will be divided into three groups by dice throwing. Intervention group 1: For group training, family members of patients are placed in 7 groups of 6 people. Intervention group 2: Individual training is given to each patient's family member. Intervention group 3: As a control group, no training will be received.

##### Participants/Inclusion and exclusion criteria

including Criteria: Having a patient undergoing angiography at the time of the research. aged over 18 years excluding criteria: Having an experience of caring for the patient under angiography. Emergency Angiography

##### Intervention groups

Intervention group 1: For group training, family members of patients are placed in 7 groups of 6 people. Intervention group 2: Individual training is given to each patient's family member. Intervention group 3: As a control group, no training will be received.

##### Main outcome variables

Level of anxiety, level of awareness

#### General information

##### Reason for update

##### Acronym

##### IRCT registration information

IRCT registration number: **IRCT20190304042909N1**

Registration date: **2019-06-08, 1398/03/18**

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

Last update: **2019-06-08, 1398/03/18**

Update count: **0**

##### Registration date

2019-06-08, 1398/03/18

##### Registrant information

##### Name

Zahra Heidari

##### Name of organization / entity

##### Country

Iran (Islamic Republic of)

##### Phone

+98 17 3254 8465

##### Email address

z.heidari@goums.ac.ir

##### Recruitment status

**Recruitment complete**

##### Funding source

##### Expected recruitment start date

2019-01-30, 1397/11/10

##### Expected recruitment end date

2019-12-31, 1398/10/10

##### Actual recruitment start date

empty

##### Actual recruitment end date

empty

##### Trial completion date

empty

### Scientific title

Comparing two methods of group training and individual training on anxiety of family members of candidates for coronary angiography .

### Public title

Comparing two methods of group training and individual training on anxiety of family members of candidates for coronary angiography .

### Purpose

Supportive

### Inclusion/Exclusion criteria

#### Inclusion criteria:

Having a patient undergoing angiography at the time of the research and referring to the patient's caregiver

Having a blood relationship with the patient Ability to understand and understand Persian language

#### Exclusion criteria:

Having a history of caring for the patient under angiography Having known psychological illness

Emergency Angiography Patient

### Age

From **18 years** old

### Gender

Both

### Phase

N/A

### Groups that have been masked

*No information*

### Sample size

Target sample size: **90**

### Randomization (investigator's opinion)

Randomized

### Randomization description

Participants in the study will be divided into three groups of group training individual and control education by dice throwing.

### 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 Golestan University Of Medical Sciences

##### Street address

Golestan University Of Medical Science, Shast kolah

Street

### City

Gorgan

### Province

Golestan

### Postal code

4916746641

### Approval date

2018-09-24, 1397/07/02

### Ethics committee reference number

IR.GOUMS.REC.1396.159

## Health conditions studied

### 1

#### Description of health condition studied

Anxiety of Family Members of Patients Candidate for Coronary Angiography

#### ICD-10 code

I20-I25

#### ICD-10 code description

Ischemic Heart Disease

## Primary outcomes

### 1

#### Description

Anxiety level

#### Timepoint

Before training and after training

#### Method of measurement

spielberger anxiety questionnaire

### 2

#### Description

Awareness level

#### Timepoint

Before training and after training

#### Method of measurement

Knowledge measurement questionnaire

## Secondary outcomes

empty

## Intervention groups

### 1

#### Description

Intervention group 1: For group training, family members of patients are placed in 7 groups of 6 people.

#### Category

Other

### 2

#### Description

Intervention group2:Individual training is given to each

patient's family member

**Category**

Other

**3**

**Description**

Control group: No training will be received.

**Category**

Other

**Recruitment centers**

**1**

**Recruitment center**

**Name of recruitment center**

Amiralmomenin Hospital, Kurdkooy City

**Full name of responsible person**

Mehdi Farzadmehr

**Street address**

Amir Al-Momenin Hospital, Jangal Street

**City**

Golestan

**Province**

Golestan

**Postal code**

4934174515

**Phone**

+98 17 3245 1721

**Email**

Farzadmehr87@yahoo.com

**Sponsors / Funding sources**

**1**

**Sponsor**

**Name of organization / entity**

Gorgan University of Medical Sciences

**Full name of responsible person**

Mohammad Reza Honarvar

**Street address**

Golestan University Of Medical Science, Shast kolah Street

**City**

Gorgan

**Province**

Golestan

**Postal code**

4934174515

**Phone**

+98 17 3245 1721

**Email**

Farzadmehr87@yahoo.com

**Grant name**

**Grant code / Reference number**

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

Yes

**Title of funding source**

Gorgan 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**

Gorgan University of Medical Sciences

**Full name of responsible person**

Mehdi Farzadmehr

**Position**

Nurse

**Latest degree**

Master

**Other areas of specialty/work**

Nursery

**Street address**

Golestan University Of Medical Science, Shast kolah Street

**City**

Gorgan

**Province**

Golestan

**Postal code**

4934174515

**Phone**

+98 17 3245 1721

**Email**

Farzadmehr87@yahoo.com

**Person responsible for scientific inquiries**

**Contact**

**Name of organization / entity**

Gorgan University of Medical Sciences

**Full name of responsible person**

Mehdi Farzadmehr

**Position**

Nurse

**Latest degree**

Master

**Other areas of specialty/work**

Nursery

**Street address**

Golestan University Of Medical Science- Shast kolah Street

**City**

Gorgan

**Province**

Golestan

**Postal code**

4934174515

**Phone**

+98 17 3245 1721

**Email**

Farzadmehr87@yahoo.com

**Person responsible for updating data****Contact****Name of organization / entity**

Gorgan University of Medical Sciences

**Full name of responsible person**

Mahdi Farzadmehr

**Position**

Nurse

**Latest degree**

Master

**Other areas of specialty/work**

Nursery

**Street address**

Golestan University Of Medical Science- Shast kolah  
Street

**City**

Gorgan

**Province**

Golestan

**Postal code**

4934174515

**Phone**

+98 17 3245 1721

**Email**

Farzadmehr87@yahoo.com

**Web page address****Sharing plan****Deidentified Individual Participant Data Set (IPD)**

No - There is not a plan to make this available

**Justification/reason for indecision/not sharing IPD**

No more information.

**Study Protocol**

No - There is not a plan to make this available

**Statistical Analysis Plan**

No - There is not a plan to make this available

**Informed Consent Form**

No - There is not a plan to make this available

**Clinical Study Report**

No - There is not a plan to make this available

**Analytic Code**

No - There is not a plan to make this available

**Data Dictionary**

No - There is not a plan to make this available