

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

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4934174515

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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

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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

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Person responsible for updating data

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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