

Clinical Trial Protocol

Iranian Registry of Clinical Trials

18 Sep 2026

Effect of Peer education on fear, anxiety and depression of Patient under going coronary angiography

Protocol summary

Summary

This is a randomized control trial which was planned to determine the effects of peer education on the fear, anxiety, and depression of Patient undergoing angiography. The inclusion criteria contain age limit of 30 to 70, lack of psychological disorders and psychological therapy on the basis of a psychologist advice, lack of any types of cognitive, speech and hearing disorders. Moreover, the exclusion criteria are the incidence of sharp deterioration or worsening ailment for each subject during the survey. Based on randomized control method, 70 candidates of angioplasty who had the inclusion criteria were classified into control and experimental groups. The instruments for data collection were a demographic questionnaire and fear (VAS), anxiety and depression questionnaire (DASS-21). participants of control group received the usual treatment while the patients in the experimental group received education care of before and after angiography by peer group in one meeting during 30-45 minute. completed (vas) and (DAS-21) questionnaires in time of Admission, before and after education in two group.

General information

Acronym

IRCT registration information

IRCT registration number: **IRCT201508028124N4**

Registration date: **2016-07-29, 1395/05/08**

Registration timing: **retrospective**

Last update:

Update count: **0**

Registration date

2016-07-29, 1395/05/08

Registrant information

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Name of organization / entity

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Recruitment status

Recruitment complete

Funding source

Shiraz University of Medical Sciences

Expected recruitment start date

2016-02-20, 1394/12/01

Expected recruitment end date

2016-04-25, 1395/02/06

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

Effect of Peer education on fear, anxiety and depression of Patient under going coronary angiography

Public title

Effect of peer education on fear, anxiety and depression of patients undergoing coronary angiography

Purpose

Supportive

Inclusion/Exclusion criteria

inclusion criteria: Age limit of 30 to 70; Lack of psychological disorder and psychological therapy on the basis of a psychologist advice; Lack of previous angioplasty; Lack of any types of cognitive, speech and hearing disorders lack of pain during of the teaching; A complete consent to participate in the survey. Exclusion

criteria: The incidence of sharp deterioration in the ailment.; The elimination of those who face critical conditions consist of chest pain, body problem for example headache, vertigo, nausea, vomiting and Hemodynamic problem for example change of BP ... mental problem and another condition that result of lack of participation during the survey, the Patient of during teaching are not attend the continue in participation of study

Age

From **65 years** old to **25 years** old

Gender

Both

Phase

N/A

Groups that have been masked

No information

Sample size

Target sample size: **70**

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**

Ethics Committee of Shiraz University of Medical Sciences

Street address

Shiraz .ZAND Street

City

Shiraz

Postal code

713451978

Approval date

2016-02-17, 1394/11/28

Ethics committee reference number

IRSUMS.REC.1394.198

Health conditions studied**1****Description of health condition studied**

Coronary Heart Disease

ICD-10 code

125.1

ICD-10 code description

Atherosclerotic Heart Disease

Primary outcomes**1****Description**

Fear

Timepoint

Before intervention and After intervention

Method of measurement

VAS

2**Description**

Anxiety

Timepoint

Before intervention and After intervention

Method of measurement

DAS-21

3**Description**

Depression

Timepoint

Before intervention and After intervention

Method of measurement

DAS-21

Secondary outcomes

empty

Intervention groups**1****Description**

in the experimental group, Patient receive education of care before and after angiography, one meeting, during 30-45 minute, 3 hours before of Procedure by peer who has a successful history of angiography.

Category

Other

2**Description**

participants of control group received routine oral instructions: to be NPO, to shave, and how to take the drugs and cut Anti coagulation drug..

Category

Other

Recruitment centers

1

Recruitment center

Name of recruitment center

Fasa Vali Asr Hospital

Full name of responsible person

Kalyani Nagafi Majid Dr

Street address

Fasa Medical Sciences University

City

Fasa

Sponsors / Funding sources

1

Sponsor

Name of organization / entity

vice chancellor for research, Shiraze University of Medical Sciences

Full name of responsible person

Dr.Sayid basire Hashemi

Street address

Shiraz University of Medical Sciences, University Central Building, Zand street, beside red cross

City

Shiraz

Grant name

Grant code / Reference number

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

Yes

Title of funding source

vice chancellor for research, Shiraze 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

Shiraz University of Medical Sciences, Hazrate Fatemeh Nursing and Midwifery Faculty

Full name of responsible person

Zahra Shahabfard

Position

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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