

Clinical Trial Protocol

Iranian Registry of Clinical Trials

19 Sep 2026

The effect of interdisciplinary discharge planning on therapeutic adherence, Readmission, and Cardiovascular Health Indicators in patient with coronary vascular angioplasty

Protocol summary

Study aim

Determination and comparison of mean score of adherence to therapeutic regimen, clinical status, para clinical status and re-admission in patients undergoing coronary angioplasty between the intervention and control groups

Design

This study is a blind clinical trial with two intervention groups and a control group. The blindness of this study in single blind that will be conducted on the participants in the study. The participants of this study will be patients who are admitted to CCU ward of Vali-e-Asr hospital in Fasa , who will undergoing coronary angioplasty between 2018 and 2019. The sample size of this research is based on previous studies and using the formula for comparing two meanings, calculated by the Stata 11 software that is eighty objects for each group. . The method of sampling of this research is accessible (convenience). In this way, all patients referred to the CCU will be divided into two intervention and control groups after fill the informed consent form.

Settings and conduct

vali asr hospital in Fasa

Participants/Inclusion and exclusion criteria

Inclusion criteria: admission in the heart ward of Vali Aasr hospital , undergoing to coronary angioplasty technique; Exclusion criteria: patients deny to participate

Intervention groups

The intervention group is training by interdisciplinary teams during three sessions (one week, one month and three months after discharge)

Main outcome variables

therapeutic adherence, Readmission, and Cardiovascular Health Indicators

General information

Reason for update

Acronym

CVA

IRCT registration information

IRCT registration number: **IRCT20190316043065N1**

Registration date: **2019-05-14, 1398/02/24**

Registration timing: **registered_while_recruiting**

Last update: **2019-05-14, 1398/02/24**

Update count: **0**

Registration date

2019-05-14, 1398/02/24

Registrant information

Name

Elaheh Rahpeima

Name of organization / entity

Country

Iran (Islamic Republic of)

Phone

+98 71 5333 6412

Email address

e.rahpeima@fums.ac.ir

Recruitment status

Recruitment complete

Funding source

Expected recruitment start date

2019-05-05, 1398/02/15

Expected recruitment end date

2019-08-06, 1398/05/15

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

The effect of interdisciplinary discharge planning on therapeutic adherence, Readmission, and Cardiovascular Health Indicators in patient with coronary vascular angioplasty

Public title

The effect of interdisciplinary discharge planning on therapeutic adherence, Readmission, and Cardiovascular Health Indicators in patient with coronary vascular angioplasty

Purpose

Health service research

Inclusion/Exclusion criteria

Inclusion criteria:

Admission to the heart ward of the Vali Asr Hospital of Fasa, the use of coronary artery angioplasty method telephone access lack of Disabling illnesses lack impairment of speech, hearing and vision speaking ability complete satisfaction for precipitate in the study

Exclusion criteria:

Lack of satisfaction, Alzheimer's history proven psychological disorders other advanced diseases other than heart problems, such as cirrhosis, cancers, rheumatoid diseases inability to communicate

Age

From **18 years** old

Gender

Both

Phase

4

Groups that have been masked

- Participant

Sample size

Target sample size: **80**

Randomization (investigator's opinion)

Randomized

Randomization description

All patients referring to the CCU section during sampling time will be divided into two intervention and control groups after completing the informed consent via block randomization.

Blinding (investigator's opinion)

Single blinded

Blinding description

After obtaining informed consent from subjects, they are randomly assigned to intervention or control groups.

Placebo

Not used

Assignment

Parallel

Other design features

Secondary Ids

empty

Ethics committees

1

Ethics committee

Name of ethics committee

Ethical Committee of Fasa University of Medical Sciences

Street address

Avicenna Sq, Fasa, Fars, Islamic Republic of Iran

City

Fasa

Province

Fars

Postal code

86688-74616

Approval date

2019-03-04, 1397/12/13

Ethics committee reference number

IR.FUMS.REC.1397.181

Health conditions studied

1

Description of health condition studied

Cardiovascular disease

ICD-10 code

160-169

ICD-10 code description

Cardiovascular disease

Primary outcomes

1

Description

Therapeutic adherence

Timepoint

Admission time, one month after discharge, three months after discharge

Method of measurement

Therapeutic adherence questionnaire

2

Description

Readmission

Timepoint

three months

Method of measurement

re-admission via questionnaire

3

Description

Cardiovascular Health Indicators

Timepoint

three months

Method of measurement

laboratory test and cardiovascular indexes through cardiac physical exam

Secondary outcomes

empty

Intervention groups

1

Description

Intervention group: The training of the intervention group will be conducted by the members of the interdisciplinary team during three sessions.

Category

Prevention

2

Description

Control group: The control group will be routinely trained.. In order to comply with the ethical principles, at the end of the study, the manual will be provided to the control group.

Category

Prevention

Recruitment centers

1

Recruitment center

Name of recruitment center

Vali- Asr hospital

Full name of responsible person

Shahnaz Karimi

Street address

Vali- Asr Hospital, Ibn Sina Sq

City

Fasa

Province

Fars

Postal code

74617-47377

Phone

+98 71 5331 5012

Fax

+98 71 5331 4021

Email

e.rahpeima@fums.ac.ir

Web page address

http://vh.fums.ac.ir/

Sponsors / Funding sources

1

Sponsor

Name of organization / entity

Fasa University of Medical Sciences

Full name of responsible person

Dr. Mojtaba Fargham

Street address

Avicenna Sq, Fasa, Fars, Islamic Republic of Iran

City

Fasa

Province

Fars

Postal code

86688-74616

Phone

+98 71 5335 0994

Fax

+98 71 5335 7091

Email

e.rahpeima@fums.ac.ir

Web page address

http://www.fums.ac.ir/

Grant name

Grant code / Reference number

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

Yes

Title of funding source

Fasa 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

Fasa University of Medical Sciences

Full name of responsible person

Shahnaz karimi

Position

Associate professo

Latest degree

Ph.D.

Other areas of specialty/work

Medical Education

Street address

Fasa University of Medical Sciences

City

Fasa

Province

Fars

Postal code

74616-86688

Phone

+98 71 5333 0649

Email

sh.karimi16@yahoo.com

Person responsible for scientific

inquiries

Contact

Name of organization / entity

Fasa University of Medical Sciences

Full name of responsible person

Shahnaz Karimi

Position

Associate Professor

Latest degree

Ph.D.

Other areas of specialty/work

Medical Education

Street address

NO. 8, Alley 5, Shekofe Street

City

Fasa

Province

Fars

Postal code

7461431835

Phone

+98 71 4333 0649

Email

sh.karimi16@yahoo.com

Person responsible for updating data

Contact

Name of organization / entity

Fasa University of Medical Sciences

Full name of responsible person

Elaheh Rahpeima

Position

Student

Latest degree

Master

Other areas of specialty/work

Nursery

Street address

University of Medical Sciences ;Ibn Sina Sq

City

Fasa

Province

Fars

Postal code

74616-86688

Phone

+98 71 5333 6412

Email

e.rahpeima@fums.ac.ir

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

Their data will not be published to protect subjects.

Study Protocol

Yes - There is a plan to make this available

Statistical Analysis Plan

Yes - There is 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

Yes - There is a plan to make this available

Data Dictionary

Not applicable

Title and more details about the data/document

Publish through article extraction

When the data will become available and for how long

2020

To whom data/document is available

Researchers of Medical Sciences and other enthusiasts

Under which criteria data/document could be used

Implementation in other centers or other disease

From where data/document is obtainable

shahnaz karimi Assistant Professor of Medical Education
Department of Nursing, School of Nursing and Midwifery
Fasa University of Medical Science

What processes are involved for a request to access data/document

sh.karimi16@yahoo.com

Comments