Clinical Trial Protocol
Iranian Registry of Clinical Trials

17 Sep 2026

Comparison of multimedia programs and educational booklet on self-efficacy and self-esteem of patients with acute coronary syndrome

Protocol summary

Summary

The purpose of this study was to investigate the effectiveness of a training program with multimedia program and educational booklet on self-steem and self-efficacy Acute Coronary Syndrome. For this clinical trial 90 patients with Acute Coronary Syndrome referred to Particularly heart of University Hospitals of Medical Sciences were divided randomly into experiment (n=60) and control (n=30) groups. Inclusion criteria: Participants randomly into three groups multimedia package, educational booklet and control will be assigned. criteria included: Acute Coronary Syndrome; age below 75 years; having the possibilities of using multimedia package in the home; ability to read; lack of previous using from multimedia training methods and educational booklet about acut coronery syndrom; Contact with the research department or a family member ; Knowing the time, place and person. Exclusion criteria included: unwillingness to continue participation in the study; Worsening of the disease; Use of similar educational resources. For this clinical trial 90 patients with Acute Coronary Syndrome referred to Particularly heart of University Hospitals of Medical Sciences were divided randomly into experiment (n=60) and control (n=30) groups.Inclusion. The instruments for collecting data were " coppersmith self steam questionnaire" and " cardiac self efficacy questionnaire ". Data were collected before and 1 and 2 months after the intervention in the three groups. Eucational program with equal content was applied for both experiment group (multimedia program and educational booklet) and control group.

General information

Acronym

IRCT registration information

IRCT registration number: **IRCT2017041632764N3**
Registration date: **2017-08-14, 1396/05/23**
Registration timing: **registered_while_recruiting**
Last update:
Update count: **0**

Registration date

2017-08-14, 1396/05/23

Registrant information

Name
Shahla Abolhassani
Name of organization / entity
Shahrekord University of Medical Sciences
Country
Iran (Islamic Republic of)
Phone
+98 38 3333 5648
Email address
abolhasani@skums.ac.ir

Recruitment status

Recruitment complete

Funding source

ShahreKord University of Medical Sciences

Expected recruitment start date

2017-04-21, 1396/02/01

Expected recruitment end date

2017-12-06, 1396/09/15

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

Comparison of multimedia programs and educational booklet on self-efficacy and self-esteem of patients with acute coronary syndrome

Public title

Effect of the multimedia programs and educational booklet on patients with acute coronary syndrome.

Purpose

Supportive

Inclusion/Exclusion criteria

Inclusion criteria: Acute Coronary Syndrome; age from 30 to 75 years; personal access or one of the family members to DVD player for using from Multimedia program; ability to read; lack of previous using from multimedia training methods and educational booklet about acute coronary syndrome; Contact with the research department or a family member; Knowing the time, place and person. Exclusion criteria: unwillingness to continue participation in the study; Use of similar educational resources; Worsening of the disease.

Age

From **30 years** old to **75 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

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

Shahrekord University of Medical Siences

Street address

Shahrekord University of Medical Sciences, Kashani street, Shahrekord Shahrekord

City

Shahrekord

Postal code

Approval date

2016-08-14, 1395/05/24

Ethics committee reference number

IR.SKUMS.REC.1395.125

Health conditions studied

1

Description of health condition studied

acut coronary syndrome

ICD-10 code

(I20-I25)

ICD-10 code description

Ischaemic heart diseases

Primary outcomes

1

Description

Self-esteem

Timepoint

Before the intervention, one and two months after the intervention

Method of measurement

Coppersmith self steem questionnaire

2

Description

Self- efficacy

Timepoint

Before; one and tow months after the intervention

Method of measurement

Cardiac self efficacy questionnaire

Secondary outcomes

empty

Intervention groups

1

Description

Intervention group2: multimedia program includes trainings on recognizing the acute coronary syndrome, its causes, proper diet, the correct way to use cardiovascular drugs, and risk factors for cardiovascular disease and its control methods. They are given to patients at the time of discharge, and they will be done at the time of using the training program by calling the call

Category

Other

2

Description

Intervention group2: Educational booklet Includes trainings on recognizing acute coronary syndrome, its causes, proper diet, the correct use of cardiovascular drugs and cardiovascular risk factors, and its control methods. They are given to patients at the time of discharge, and they will be done at the time of using the training program by calling the call. The same stuff is a multimedia program.

Category

Other

3

Description
control group: Routine training provided during hospitalization.
Category
N/A

Recruitment centers

1

Recruitment center
Name of recruitment center
Hajar hospital
Full name of responsible person
Zahra Ahmadi
Street address
Hajar hospital, parastar street, shahrekord
City
Shahrekord

2

Recruitment center
Name of recruitment center
Kashani hospital
Full name of responsible person
Zahra Ahmadi
Street address
Kashani hospital, parastar street, shahrekord
City
Shahrekord

Sponsors / Funding sources

1

Sponsor
Name of organization / entity
Vice-chancellor for research and technology affairs of Shahrekord University of Medical Sciences
Full name of responsible person
Kamal solati
Street address
Shahrekord University of Medical Sciences, Kashani street, Shahrekord Shahrekord
City
Shahrekord
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 and technology affairs of Shahrekord 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
Shahrekord University of Medical Sciences
Full name of responsible person
Zahra Ahmadi
Position
MSc Nursing
Other areas of specialty/work
Street address
Shahrekord University of Medical Sciences, Kashani street, Shahrekord Shahrekord
City
Shahrekord
Postal code
Phone
+98 38 3333 5652
Fax
Email
zahraahmadi266@gmail.com
Web page address

Person responsible for scientific inquiries

Contact
Name of organization / entity
Shahrekord University of Medical Sciences
Full name of responsible person
Shahla Abolhassani
Position
MSc Nursing
Other areas of specialty/work
Street address
Shahrekord University of Medical Sciences, Kashani street, Shahrekord
City
Shahrekord
Postal code
Phone
+98 38 3333 0061
Fax
Email
Sh_abolhassani@yahoo.com
Web page address

Person responsible for updating data

Contact
Name of organization / entity
Shahrekord University of Medical Sciences
Full name of responsible person
Zahra Ahmadi
Position

MSc Nursing
Other areas of specialty/work
Street address
Shahrekord University of Medical Sciences, Kashani street, Shahrekord Shahrekord
City
Shahrekord
Postal code
Phone
003833335652
Fax
Email
zahraahmadi@gmail.com
Web page address

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