

Clinical Trial Protocol

Iranian Registry of Clinical Trials

13 Jul 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-esteem 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 acute coronary syndrome; 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 esteem questionnaire" and " cardiac self efficacy questionnaire ". Data were collected before and 1 and 2 months after the intervention in the three groups. Educational 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 Sciences

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

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Person responsible for scientific inquiries

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Person responsible for updating data

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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