

Clinical Trial Protocol

Iranian Registry of Clinical Trials

16 Sep 2026

Examine the effectiveness of a tele nursing program on cardiac self efficacy in patients with coronary artery disease

Protocol summary

Summary

The present clinical trial aimed to determine the effectiveness of a tele nursing program on cardiac self efficacy of patients with coronary artery disease. Inclusion criteria include a diagnosis of coronary artery disease by the cardiologist, age between 35-75 years, familiar with the Persian language, having the ability to read and write, stable physical condition, not having a mental disorder or mental and mobility disability, lack of a vision, speech and hearing problem, and having access to a phone and a mobile. Exclusion criteria include the patient's unwillingness to continue to participate in the study, hospitalization or death during the study, simultaneous participation in cardiac rehabilitation programs and changing in phone and mobile number and do not informing the researcher. Finally, 64 patients with coronary artery disease hospitalized in cardiology wards of Chamran hospital in Isfahan randomly placed in the experimental and control groups. During 3 months intervention, calls are established to the subjects twice a week in the first month and once a week during the second and third months and each week 6 messages are sent to the subjects. The content of phone calls and text messages sent to the patients in the intervention group is associated with the self efficacy but in the control group is not associated with self efficacy. Collection of patients' data is performed before, immediately after and one month after the intervention with a demographic characteristics questionnaire and Sullivan's cardiac self efficacy questionnaire and data will be analyzed statistically.

General information

Acronym

IRCT registration information

IRCT registration number: **IRCT2015020821002N1**

Registration date: **2015-03-15, 1393/12/24**

Registration timing: **retrospective**

Last update:

Update count: **0**

Registration date

2015-03-15, 1393/12/24

Registrant information

Name

Saba Boroumand

Name of organization / entity

Isfahan University of Medical Sciences, faculty of nursing and midwifery

Country

Iran (Islamic Republic of)

Phone

+98 31 4546 6493

Email address

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Recruitment status

Recruitment complete

Funding source

Deputy of research of Isfahan university of medical sciences

Expected recruitment start date

2014-09-23, 1393/07/01

Expected recruitment end date

2014-11-21, 1393/08/30

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

Examine the effectiveness of a tele nursing program on cardiac self efficacy in patients with coronary artery disease

Public title

The influence of a tele nursing program on cardiac self

efficacy of patients with coronary artery disease

Purpose
Supportive

Inclusion/Exclusion criteria
Inclusion criteria: a diagnosis of coronary artery disease by the cardiologist; age between 35-75 years; familiar with the Persian language; having the ability to read and write; stable physical condition; not having a mental disorder or mental and mobility disability; lack of a vision, speech and hearing problem; having access to a phone and a mobile. Exclusion criteria: the patient's unwillingness to continue to participate in the study; hospitalization or death during the study; simultaneous participation in cardiac rehabilitation programs; changing in phone and mobile number and do not informing the researcher.

Age
From **35 years** old to **75 years** old

Gender
Both

Phase
N/A

Groups that have been masked
No information

Sample size
Target sample size: **64**

Randomization (investigator's opinion)
Randomized

Randomization description

Blinding (investigator's opinion)
Single blinded

Blinding description

Placebo
Not used

Assignment
Parallel

Other design features

Secondary Ids

empty

Ethics committees

1

Ethics committee

Name of ethics committee

Isfahan University of Medical Sciences, faculty of nursing and midwifery

Street address

Hezar Jerib Avenue, Isfahan, Iran

City

Isfahan

Postal code

81746-73461

Approval date

2014-09-17, 1393/06/26

Ethics committee reference number

393504

Health conditions studied

1

Description of health condition studied

coronary artery disease

ICD-10 code

I25.1

ICD-10 code description

Atherosclerotic heart disease

Primary outcomes

1

Description

cardiac self efficacy

Timepoint

Baseline, 3 months and 4 months after baseline

Method of measurement

Sullivan's cardiac self efficacy questionnaire

Secondary outcomes

empty

Intervention groups

1

Description

During 3 months intervention, calls are established to the subjects in the intervention group twice a week in the first month and once a week during the second and third months and each week 6 messages are send to the subjects. The content of phone calls and text messages sent to the patients in the intervention group is associated with the cardiac self efficacy.

Category

Other

2

Description

During 3 months intervention, calls are established to the subjects in the control group twice a week in the first month and once a week during the second and third months and each week 6 messages are send to the subjects. The content of phone calls and text messages sent to the patients in the control group is not associated with the cardiac self efficacy.

Category

Other

Recruitment centers

1

Recruitment center

Name of recruitment center

Chamran hospital

Full name of responsible person

Saba Boroumand
Street address
Salman Farsi avenue, Isfahan, Iran
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Isfahan

Email
moeini@nm.mui.ac.ir
Web page address

Sponsors / Funding sources

1

Sponsor

Name of organization / entity
Deputy of research of Isfahan University of Medical Sciences

Full name of responsible person
Dr Mahdi Nematbakhsh

Street address
Deputy of research, Isfahan University of Medical Sciences, Hezar jrib Avenue, Isfahan, Iran

City
Isfahan

Grant name

Grant code / Reference number

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

Yes

Title of funding source

Deputy of research of Isfahan 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
Isfahan University of Medical Sciences, faculty of nursing and midwifery

Full name of responsible person
Mahin Moeini

Position
Msc of nursing, department of adult health, member of nursing and midwifery care research center, me

Other areas of specialty/work

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faculty of nursing and midwifery, Isfahan University of Medical Sciences, Hezar Jerib avenue, Isfahan, Iran

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Person responsible for scientific inquiries

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Full name of responsible person
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bachelor of nursing (Msc student of nursing)

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Person responsible for updating data

Contact

Name of organization / entity
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Full name of responsible person
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Position
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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