Clinical Trial Protocol
Iranian Registry of Clinical Trials

20 Sep 2026

Effect the Application of Continuous Care Model on Self-management and Adherence to treatment in patients with Myocardial infarction

Protocol summary

Summary

Objectives: The current study will aim to determine the effect of continuous care model on self-management and adherence to treatment of patients with myocardial infarction in control of the complications of this disease. Method: This is a Not blind clinical trial performed on 82 patients with myocardial infarction referring to Ali ibn Abitaleb Hospital in Rafsanjan. Patients with myocardial infarction who are 25 to 85 years old with at least reading and writing skills and the patient's interest and one of their family members are required to participate in the research. Participants will be randomly assigned to two groups of control and intervention. The continuous care model will be implemented on the intervention group. The continuous care model consists of four steps: (1) orientation, (2) sensitivity, (3) control, and (4) assessment. patients in the control group also will receive routine care. Self-management and adherence to treatment in both groups will be assessed using self-management questionnaires in chronic patients and follow-up therapy in cardiac patients.

General information

Acronym

IRCT registration information

IRCT registration number: **IRCT2017083035996N1**
Registration date: **2017-10-15, 1396/07/23**
Registration timing: **retrospective**

Last update:
Update count: **0**

Registration date

2017-10-15, 1396/07/23

Registrant information

Name

Mohammad Ali Zakeri

Name of organization / entity

Rafsanjan University of Medical Sciences

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Recruitment status

Recruitment complete

Funding source

Research center of Kerman University of Medical Sciences

Expected recruitment start date

2016-12-21, 1395/10/01

Expected recruitment end date

2017-04-21, 1396/02/01

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

Effect the Application of Continuous Care Model on Self-management and Adherence to treatment in patients with Myocardial infarction

Public title

Effect the Application of Continuous Care Model on Self-management and Adherence to treatment

Purpose

Supportive

Inclusion/Exclusion criteria

Inclusion criteria: the age range of 25 to 85 years old; having the minimum read and write literacy; confirming of infarction by clinical symptoms; serum enzyme tests and ECG changes; the interest of the patient and one of his family members to Participate in research; not having

any specific mental illness; the ability to complete the questionnaire and participate in the programs of empowerment; Exclusion criteria: impossibility or unwillingness of patient for returning to the hospital for the next stage of intervention after discharge; patients' lack of ability to learn due to aging; participate in the training course concerning heart disease in the studied Period; the unwillingness of the patient or his family member to continue cooperation in empowerment program; lack of interest in continuing the completion of research tools; lack of participation in problem-solving meetings and educational partnership programs.

Age
From **25 years** old to **85 years** old

Gender
Both

Phase
N/A

Groups that have been masked
No information

Sample size
Target sample size: **82**

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 Kerman University of Medical Sciences

Street address
Haft-Bagh, Kerman Medical University Campus, Kerman University of Medical Sciences, Kerman

City
Kerman

Postal code

Approval date
2016-12-21, 1395/10/01

Ethics committee reference number
IR.Kmu.REC.1395.893

Health conditions studied

1

Description of health condition studied
Myocardial infarction

ICD-10 code
I21

ICD-10 code description
Acute myocardial infarction

Primary outcomes

1

Description
Self-management

Timepoint
Before the intervention, one month after the intervention and three months after the end of the intervention

Method of measurement
Self-management questionnaire

Secondary outcomes

1

Description
Adherence to treatment

Timepoint
Before the intervention, one month after the intervention and three months after the end of the intervention

Method of measurement
Adherence to the treatment in cardiac patients questionnaire

Intervention groups

1

Description
Intervention group: Continuous Care Model includes four stages of awareness, sensitivity, control, and evaluation. Care counseling will provide to patients in the intervention group along with a family member in 6 sessions of group training for one month at Ali ibn Abi Talib Hospital.

Category
Rehabilitation

2

Description
control group: Patients in the control group will receive routine care (discharge training)

Category
Treatment - Other

Recruitment centers

1

Recruitment center

Name of recruitment center

Ali ibn Abi Talib Hospital
Full name of responsible person
Nasrin Jandaghi
Street address
Ali ibn Abi Taleb Hospital, Ayatollah Saeedi Square, Rafsanjan
City
Rafsanjan

Sponsors / Funding sources

1

Sponsor
Name of organization / entity
Vice chancellor for research, Kerman University of Medical Sciences
Full name of responsible person
Abas Pardakhti
Street address
Research management, Deputy of Research and Technology University, Ibn Sina Ave, Tahmase Abad Cross, Kerman
City
Kerman
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, Kerman 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
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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