Clinical Trial Protocol
Iranian Registry of Clinical Trials

08 Nov 2026

The effect of together Peer and Nurse education on knowledge, attitude and self-care application in patients undergoing coronary artery bypass surgery and their family care giver

Protocol summary

Summary

The purpose of this study: Determining the effect of together Peer education and nurse on knowledge, attitude and self-care application in patients undergoing coronary artery bypass surgery and their family care givers in heart therapeutic center of Bushehr. If this type of training has a positive effect on knowledge, Attitude and self-care application, it can be used as a complementary method alongside medication. Study design: Inclusion criteria: over 18 years old; patients undergoing coronary artery bypass for the first time; full consciousness and time, place and person awareness; ability to speak Persian language; they should not have any medical education or any information concerning it; Willingness to participate in research. Exclusion criteria: The patient dies or suffers from new physical problems so that loses his ability to take care of himself; patient's unwillingness to continue participating in the study. This study is a randomized clinical trial with 80 samples randomly divided into two experimental and control groups by draw (40 people). In experimental group: Patients of this group and one of their main family caregivers will be given an education together peer and nurse based on self-care training manual after coronary artery bypass surgery a week before the surgery. Evaluating knowledge and attitude of self-care will take place before an intervention (a week before surgery) by self-care questionnaire and evaluating knowledge, attitude and application of self-care will take place after the intervention (one month and two months after the surgery).

General information

Acronym

IRCT registration information

IRCT registration number: **IRCT2017020622466N12**

Registration date: **2017-04-11, 1396/01/22**

Registration timing: **registered_while_recruiting**

Last update:

Update count: **0**

Registration date

2017-04-11, 1396/01/22

Registrant information

Name

Shahnaz Pouladi

Name of organization / entity

Bushehr University of Medical Sciences

Country

Iran (Islamic Republic of)

Phone

+98 917 374 0061

Email address

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Recruitment status

Recruitment complete

Funding source

Bushehr University of Medical Sciences

Expected recruitment start date

2017-04-04, 1396/01/15

Expected recruitment end date

2017-10-22, 1396/07/30

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

The effect of together Peer and Nurse education on knowledge, attitude and self-care application in patients

undergoing coronary artery bypass surgery and their family care giver

Public title
The effect of together Peer and Nurse education on knowledge, attitude and self-care application in patients undergoing coronary artery bypass surgery
Purpose
Supportive
Inclusion/Exclusion criteria
Inclusion Criteria: Patients undergoing Coronary Artery Bypass Grafting for the first time; the ability to speak Persian language;full consciousness and awareness of time, place and person;do not have cognitive impairment; they should not have any medical education or any information concerning it;Willingness to participate in research;a person who has the most important role in looking after the patient should attend the patient in training meetings; patient care giver must be literate;Patients should be over 18 years old.
Exclusion Criteria:The patient dies or suffers from new physical problems so that loses his ability to take care of himself; patient either changes his mind during research or gets unwilling to collaborate with the researcher.
Age
From **18 years** old to **80 years** old
Gender
Both

Phase
N/A
Groups that have been masked
No information
Sample size
Target sample size: **80**
Randomization (investigator's opinion)
Randomized
Randomization description
Blinding (investigator's opinion)
Not blinded
Blinding description
Placebo
Not used
Assignment
Single
Other design features

Secondary Ids

empty

Ethics committees

1

Ethics committee
Name of ethics committee
Ethics committee of Bushehr University of Medical Sciences
Street address
Bushehr University of Medical Sciences,Sabzabad,bushehr
City
Bushehr
Postal code
Approval date
2017-01-16, 1395/10/27
Ethics committee reference number
IR.BPUMS.REC.1395.154

Health conditions studied

1

Description of health condition studied
coronary Artery Bypass Surgery
ICD-10 code
T82.9
ICD-10 code description
T82.9 Unspecified complication of cardiac and vascular prosthetic device, implant and graft

Primary outcomes

1

Description
Knowledge of the Self Care
Timepoint
Before intervention(a week ago surgery) After intervention(a month and two months after surgery)
Method of measurement
self_care questionnaire (That has been provided by the researcher)

Secondary outcomes

1

Description
self_care Attitude
Timepoint
Before intervention(a week ago surgery) After intervention (a month and two months after surgery)
Method of measurement
self_care Questionnaire (That has been provided by the researcher)

2

Description
Self _Care Application
Timepoint
After intervention (a month and two months after surgery)
Method of measurement
self_care Questionnaire (That has been provided by the researcher)

Intervention groups

1

Description

Intervention group: Intervention that includes education together peer and nurse based on training self-care manual after coronary artery bypass graft surgery that has been provided by the researcher, happens a week before the surgery. Moreover evaluating through self-care questionnaire will be done both before the intervention(a week before the surgery) and after the intervention(a month after the surgery and two months after the surgery).

Category

Lifestyle

2

Description

In control group, Patients will receive only routine Trainings(Giving training manual of patients based on coronary artery bypass graft surgery and also explanations of medical team to patients) of the ward. Evaluation will be done in hospital ,at admission time, one month and two months after surgery by self_care questionnaire

Category

Lifestyle

Recruitment centers

1

Recruitment center

Name of recruitment center

Heart Theraputic Center

Full name of responsible person

Dr. Shahnaz Pouladi

Street address

Heart center_ crossroads Dadgosteri_Bushehr

City

Bushehr

Sponsors / Funding sources

1

Sponsor

Name of organization / entity

Vice chancellor for research Bushehr University of Medical Sciences

Full name of responsible person

Dr. Afshin Ostovar

Street address

Bushehr University of Medical Sciences, Sabzabad,bushehr.

City

bushehr

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 Bushehr 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

Bushehr University of Medical Sciences

Full name of responsible person

Dr. Shahnaz Pouladi

Position

Nursing Ph.D

Other areas of specialty/work

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Person responsible for scientific inquiries

Contact

Name of organization / entity

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Full name of responsible person

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Position

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Other areas of specialty/work

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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