

Clinical Trial Protocol

Iranian Registry of Clinical Trials

07 Jul 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

sh.pooladi@bpums.ac.ir

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 Therapeutic 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**Street address**

Bushehr University of Medical Sciences,
Sabzabad,bushehr.

City

Bushehr

Postal code**Phone**

+98 77 3345 0178

Fax**Email**

pouladi2008@yahoo.com sh.pooladi@bpums.ac.ir

Web page address**Person responsible for scientific 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**Street address**

Bushehr University of Medical Sciences,
Sabzabad,bushehr.

City

bushehr

Postal code**Phone**

+98 77 3345 0178

Fax**Email**

Pouladi2008@yahoo.com sh.pooladi@bpums.ac.ir

Web page address**Person responsible for updating data****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**Street address**

Bushehr University of Medical Sciences,
Sabzabad,bushehr.

City

bushehr

Postal code**Phone**

+98 77 3345 0178

Fax**Email**

Pouladi2008@yahoo.com sh.pooladi@bpums.ac.ir

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