Clinical Trial Protocol
Iranian Registry of Clinical Trials

08 Nov 2026

Investigation the effect of BASNEF Model on adherence medication in patients undergoing coronary artery bypass graft surgery

Protocol summary

Study aim

Determining the effect of BASNEF model on adherence to medication in patients undergoing coronary artery by pass graft surgery at chamran hospital

Design

The clinical trials are two group and three - step . in two groups of test and control.The study groups of this study include 72 patients Random assignment who are undergoing coronary artery bypass graft surgery

Settings and conduct

this study consists of 72 patients undergoing coronary artery bypass.it is possible that the conditions of entering the study and have completed the consent form .the selected patients (72 patients)will be divided into two groups of 36 individuals.Then, the BASNEF questionnaires will be given to patients, before coronary artery bypass graft surgery and will be completed by them.After that,According to the information that obtained from the BASNEF questionnaire the content of the training sessions will be set for the patients after surgery.Four training sessions in perioud of 40 - 60 minutes will be held within a month at the Shahid hospital's health training unit.The classes will be used in training, educational literature and video clips and educational pictures after that, they are asked to express their opinions and experiences regarding the process of care.

Participants/Inclusion and exclusion criteria

Entry criteria:patients who are undergoing coronary artery by pass graft surgery. Not Entry criteria :Patients who do not have the physical ability to participate in training sessions.

Intervention groups

Test group : Examination of the effect of the BASNEF model on adherence to medication after coronary artery bypass. control group : adherence to medication, based on hospital discharge education in patients, after coronary artery bypass graft surgery.

Main outcome variables

Mean score of adherence items to medication , mean of overall adherence to medication

General information

Reason for update

Acronym

IRCT registration information

IRCT registration number: **IRCT20180729040629N1**
Registration date: **2018-10-24, 1397/08/02**
Registration timing: **registered_while_recruiting**

Last update: **2018-10-24, 1397/08/02**
Update count: **0**

Registration date

2018-10-24, 1397/08/02

Registrant information

Name

Atefeh Torknejad

Name of organization / entity

Country

Iran (Islamic Republic of)

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Email address

torknejad@nm.mui.ac.ir

Recruitment status

Recruitment complete

Funding source

Expected recruitment start date

2018-10-02, 1397/07/10

Expected recruitment end date

2018-12-31, 1397/10/10

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date
empty

Scientific title
Investigation the effect of BASNEF Model on adherence medication in patients undergoing coronary artery bypass graft surgery

Public title
''Effect of BASNEF Model on adherence medication in patients undergoing coronary artery bypass graft surgery''

Purpose
Supportive

Inclusion/Exclusion criteria

Inclusion criteria:
Patients who are undergoing coronary artery bypass graft surgery Patients who are interested in participating in the study Patients who talks in Persian. Patients who Have not been involved in educational sessions (any other research in the context of the relevant study) Patients who have no pshycologic problems A member of his family will be able to participate in educational sessions

Exclusion criteria:
Patients who do not live in Isfahan County. Patients who are physically unable to participate in training sessions.

Age
No age limit

Gender
Both

Phase
N/A

Groups that have been masked
No information

Sample size
Target sample size: **72**

Randomization (investigator's opinion)
Randomized

Randomization description
A simple random method In this case, the number of 36 cards with number one and 36 cards will be sealed with the number two in an envelope. On the day of the random division of the research units, they will be asked to choose a card. The individuals with the number one belong to the test group. and people in number two will be in control group

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 Isfahan University of Medical Sciences

Street address
Isfahan University of Medical Sciences.,Hezarjereeb Avenue

City
Isfahan

Province
Isfehan

Postal code
73461_81746

Approval date
2018-07-22, 1397/04/31

Ethics committee reference number
IR.MUI.RESEARCH.REC.1397.055

Health conditions studied

1

Description of health condition studied
patients undergoing coronary artery bypass graft surgery

ICD-10 code
I25.118

ICD-10 code description
Atherosclerotic heart disease of native coronary artery with other forms of angina pectoris

Primary outcomes

1

Description
total score of adherence to medication in patients, after Coronary Artery Bypass Graft Surgery

Timepoint
Examination of the total score of adherence to medication, prior the intervention, immediately and 60 days after the educational intervention

Method of measurement
Modanlo questionnaire

Secondary outcomes

empty

Intervention groups

1

Description
holding 4 training sessions, after discharge, baced on the BASNEF model , for patients who undergiong coronary artery bypass graft surgery. in these sessions will be used, video , booklet and brochure . the content of sessions will be formulated based on the information

obtained from the BASNEF questionnaires, and that is about post surgery care, for patients after coronary artery bypass surgery .if they have any question , patients can also contact the researcher during meetings . and a member of the patient's family will be present in the meetings .

Category

N/A

2

Description

Control group: The control group will receive nurses education while discharging from hospital and they will also recevie Educational booklet. the Modanlo questionnaire will also complete by them, and will be asked to complete the questionnaire, three months after their discharge. Therefore, no training sessions will be held for the control group.

Category

N/A

Recruitment centers

1

Recruitment center

Name of recruitment center
Shahid Chamran hospital

Full name of responsible person
Atefeh Torknejad

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Shahid Chamran Hopital, Salman-e-Farsi St, Moshtagh St,

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Sponsors / Funding sources

1

Sponsor

Name of organization / entity
Esfahan University of Medical Sciences

Full name of responsible person
shaghayagh haghjoo javanmard

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research@mui.ac.ir

Grant name

Grant code / Reference number

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

Title of funding source
Esfahan University of Medical Sciences

Proportion provided by this source
100

Public or private sector
Public

Domestic or foreign origin
Domestic

Category of foreign source of funding
empty

Country of origin

Type of organization providing the funding
Academic

Person responsible for general inquiries

Contact

Name of organization / entity
Esfahan University of Medical Sciences

Full name of responsible person
Atefeh Torknejad

Position
Master Student

Latest degree
Bachelor

Other areas of specialty/work
Nursery

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Person responsible for scientific inquiries

Contact

Name of organization / entity
Esfahan University of Medical Sciences

Full name of responsible person
Sima Babaei

Position
Assistant Professor

Latest degree

Ph.D.

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Person responsible for updating data

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Sharing plan

Deidentified Individual Participant Data Set (IPD)
Undecided - It is not yet known if there will be a plan to make this available

Study Protocol
Undecided - It is not yet known if there will be a plan to make this available

Statistical Analysis Plan
Undecided - It is not yet known if there will be a plan to make this available

Informed Consent Form
Undecided - It is not yet known if there will be a plan to make this available

Clinical Study Report
Undecided - It is not yet known if there will be a plan to make this available

Analytic Code
Undecided - It is not yet known if there will be a plan to make this available

Data Dictionary
Undecided - It is not yet known if there will be a plan to make this available