

Clinical Trial Protocol

Iranian Registry of Clinical Trials

20 Jun 2026

Investigating the Effect of Intervention based on BASNEF model on Quality of Life and Adherence to Treatment among Myocardial Infarction Patients

Protocol summary

Study aim

Determination of the effect of BASNEF-based intervention on quality of life and adherence to treatment in patients with myocardial infarction

Design

This clinical trial has two groups, The groups are parallel, randomized and sample size in each group is 40.

Settings and conduct

As mentioned study population are people with myocardial infarction that selected by simple sampling. The place of intervention is Kashani and Hajar hospitals of Shahrekord. Sample size in each group is 40. The intervention group, a BASNEF-based training program that includes three 45-minute training sessions and a three-month follow-up, will be conducted individually for each of the participants in the group and the control group receives routine care.

Participants/Inclusion and exclusion criteria

Inclusion criteria: Suffering from first myocardial infarction;Lack of mental disorders and mental retardation;willing to participate in the study;Ability to read and write Persian language;Ability to communicate With the research team.Non-inclusion criterion:Unwilling to continue participating in the study;Creating complications that cause the patient to not be able to continue studying.

Intervention groups

The study consists of two groups. The intervention group receives an educational program based on the BASNEF model and the control group receives routine care.

Main outcome variables

Improve lifestyle; Familiarity with cardiac function and risk factors for the heart; Adherence to controllable factors in the prevention of myocardial infarction

General information

Reason for update

Acronym

IRCT registration information

IRCT registration number: **IRCT20181024041449N4**

Registration date: **2019-04-22, 1398/02/02**

Registration timing: **registered_while_recruiting**

Last update: **2019-04-22, 1398/02/02**

Update count: **0**

Registration date

2019-04-22, 1398/02/02

Registrant information

Name

ali hassanpourdehkordi

Name of organization / entity

Country

Iran (Islamic Republic of)

Phone

+98 38 3334 6720

Email address

alihassanpourdehkordi@skums.ac.ir

Recruitment status

Recruitment complete

Funding source

Expected recruitment start date

2019-03-21, 1398/01/01

Expected recruitment end date

2020-03-20, 1399/01/01

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

Investigating the Effect of Intervention based on BASNEF model on Quality of Life and Adherence to Treatment among Myocardial Infarction Patients

Public title

Examining the effect of BASNEF model on patients with myocardial infarction

Purpose

Education/Guidance

Inclusion/Exclusion criteria

Inclusion criteria:

Suffering from first myocardial infarction
Lack of mental disorders and mental retardation
willing to participate in the study
Ability to read and write Persian language
Ability to communicate With the research team

Exclusion criteria:

Unwilling to continue participating in the study
Creating complications that cause the patient to not be able to continue studying.

Age

No age limit

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

The random allocation; the study participants are divided into two intervention and control groups using a random number table, which is extracted from random statistical software.

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 Shahrkord University Of Medical Sciences

Street address

University Of Medical Sciences, Rahmatie, Shahrkord Town.

City

Shahrekor

Province

Chahar-Mahal-va-Bakhtiari

Postal code

8815713471

Approval date

2019-02-19, 1397/11/30

Ethics committee reference number

IR.SKUMS.REC.1397.286

Health conditions studied

1

Description of health condition studied

Acute Myocardial Infarction

ICD-10 code

I21.9

ICD-10 code description

Acute myocardial infarction

Primary outcomes

1

Description

Quality of Life

Timepoint

At the beginning of the study, immediately after and three months after the intervention

Method of measurement

Ferans and Pavers questionnaire

2

Description

Adherence to treatment

Timepoint

At the beginning of the study, immediately after and three months after the intervention

Method of measurement

Modanlou questionnaire

3

Description

BASNEF pattern structures

Timepoint

At the beginning of the study, immediately after and three months after the intervention

Method of measurement

The adjusted questionnaire based on the structures of the BASNEF model

Secondary outcomes

empty

Intervention groups

1

Description

Intervention group: For the intervention group, Educational support based on the BASNEF model consists of three 45-minute training sessions and three-month follow-ups for each of the participants in this group. The location of the sessions will be in the patient's bedside

Category

Treatment - Other

2

Description

Control group: the control group receive treatment and routine care through visiting by his doctor's at office.

Category

N/A

Recruitment centers

1

Recruitment center

2

Recruitment center

Name of recruitment center

Kashani hospital

Full name of responsible person

Ali Hassanpour Dehkordi

Street address

ayatollah kashani hospital, nurse ave

City

Shahrekord

Province

Chahar-Mahal-va-Bakhtiari

Postal code

8816758915

Phone

+98 38 3226 4826

Email

Kashani@skums.ac.ir

Web page address

http://sapp.ir/kashani_hospital_sh

3

Recruitment center

Name of recruitment center

Hajar hospital

Full name of responsible person

Ali Hassanpour Dehkordi

Street address

Hajar hospital, nurse ave

City

Shahrekord

Province

Chahar-Mahal-va-Bakhtiari

Postal code

8816758915

Phone

+98 38 3222 0016

Email

hajar@skums.ac.ir

Web page address

<https://hajarhp.skums.ac.ir/>

Sponsors / Funding sources

1

Sponsor

Name of organization / entity

Shahre-kord University of Medical Sciences

Full name of responsible person

dr kamal solati

Street address

Shahrekord University Of Medical Sciences, Rahmatie, Shahrkord..

City

Shahrekord

Province

Chahar-Mahal-va-Bakhtiari

Postal code

8815713471

Phone

+98 38 3333 0061

Email

kamal_solati@yahoo.com

Grant name

Grant code / Reference number

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

Yes

Title of funding source

Shahre-kord 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

Shahre-kord University of Medical Sciences

Full name of responsible person

Ali Hassanpour Dehkordi

Position

Associate Professor

Latest degree

Ph.D.

Other areas of specialty/work

Nursery

Street address

Shahrekord University Of Medical Sciences, Rahmatie,
Shahrekord

City

Shahrekord

Province

Chahar-Mahal-va-Bakhtiari

Postal code

8815713471

Phone

+98 38 3333 0061

Email

Alihassanpourdehkordi@skums.ac.ir

Person responsible for scientific inquiries

Contact

Name of organization / entity

Shahre-kord University of Medical Sciences

Full name of responsible person

Ali Hassanpour Dehkordi

Position

Associate Professor

Latest degree

Ph.D.

Other areas of specialty/work

Nursery

Street address

Shahrekord University Of Medical
Sciences,Rahmatie,Shahrekord.

City

Shahrekord

Province

Chahar-Mahal-va-Bakhtiari

Postal code

8815713471

Phone

+98 38 3333 0061

Email

alihassanpourdehkordi@skums.ac.ir

Person responsible for updating data

Contact

Name of organization / entity

Shahre-kord University of Medical Sciences

Full name of responsible person

Ali Hassanpour Dehkordi

Position

Associate Professor

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8815713471

Phone

+98 38 3333 0061

Email

alihassanpourdehkordi@skums.ac.ir

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

No - There is not a plan to make this available

Statistical Analysis Plan

Not applicable

Informed Consent Form

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

Clinical Study Report

Not applicable

Analytic Code

Not applicable

Data Dictionary

Not applicable