

Clinical Trial Protocol

Iranian Registry of Clinical Trials

17 Sep 2026

Study of the effect of person-centered models based care on the medication adherence in patients with myocardial infarction

Protocol summary

Summary

This study aimed to evaluate the impact of person-centered care model based on adherence to treatment in patients with heart attack. Inclusion criteria included the definitive diagnosis of a heart attack; stay in intensive care unit at least 72 hours; having the ability to communicate verbally. Exclusion criteria included the patient's death; re-infarction heart; not wanting to continue to cooperate. The study population included all patients with a heart attack admitted to Shahid Beheshti University of Medical Sciences hospitals. Of the population, 100 patients with heart attack were selected as samples of this study. In the intervention group, care was provided based on person-centered model for 5 steps and three consecutive days. The control group was given only the usual care. Treatment adherence was measured in the two groups.

General information

Acronym

person-centered models

IRCT registration information

IRCT registration number: **IRCT2017022232730N1**

Registration date: **2017-06-14, 1396/03/24**

Registration timing: **retrospective**

Last update:

Update count: **0**

Registration date

2017-06-14, 1396/03/24

Registrant information

Name

Farzaneh Soleimany

Name of organization / entity

Shahid Beheshti University of Medical Sciences

Country

Iran (Islamic Republic of)

Phone

+98 935 726 6767

Email address

soleimany.f@sbmu.ac.ir

Recruitment status

Recruitment complete

Funding source

Shahid Beheshti University of Medical Sciences

Expected recruitment start date

2016-08-21, 1395/05/31

Expected recruitment end date

2017-02-18, 1395/11/30

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

Study of the effect of person-centered models based care on the medication adherence in patients with myocardial infarction

Public title

Study of the effect of person-centered models based care on the medication adherence in patients with myocardial infarction

Purpose

Supportive

Inclusion/Exclusion criteria

Inclusion criteria: patients who are hospitalized in the intensive care unit with a diagnosis of heart attack; Patients who are hospitalized in the intensive care unit for at least the next 72 hours (to continue with treatment), patients who have the capacity to establish verbal communication; Patients who do not have cognitive impairment and vision and have the ability to comply with their treatment regimen. Exclusion Criteria:

Patients who die during the study period; Patients who have a re-heart stroke during the study period; Patients who do not wish to continue to participate in the study.

Age

From **18 years** old to **85 years** old

Gender

Both

Phase

N/A

Groups that have been masked

No information

Sample size

Target sample size: **100**

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 the School of Nursing and Midwifery

Street address

Tehran-Valiasr-Niayesh intersection-front of Rajaei hospital

City

Tehran

Postal code

Approval date

2016-08-11, 1395/05/21

Ethics committee reference number

IR.SBMU.PHNM.1395.461

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

treatment adherence

Timepoint

pre- 3weeks-2months

Method of measurement

questionnaire

Secondary outcomes

empty

Intervention groups

1

Description

During August- November 2016 in the intervention group, a person-centred nursing process was added to care, as usual, emphasizing the patient as a partner in care. Care was constructed in cooperation between patients, registered nurses, and researcher.

Category

Lifestyle

2

Description

The control group received only usual care.

Category

Lifestyle

Recruitment centers

1

Recruitment center

Name of recruitment center

Modarres Hospital

Full name of responsible person

Reza Shokri

Street address

Saadat Abad Boulevard, District 2, Tehran

City

Tehran

2

Recruitment center

Name of recruitment center

Taleqani Hospital

Full name of responsible person

Bashiri Pour

Street address

Taleqani St, District 1, Tehran

City

Tehran

Sponsors / Funding sources

1

Sponsor

Name of organization / entity

School of Nursing and Midwifery

Full name of responsible person

Sima Zohari Anbohi

Street address

Shahid Beheshti School of Nursing and Midwifery,
Valiasr street, Tehran

City

Tehran

Grant name**Grant code / Reference number****Is the source of funding the same sponsor organization/entity?**

Yes

Title of funding source

School of Nursing and Midwifery

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**

School of Nursing and Midwifery

Full name of responsible person

Faraneh Soleimany

Position

Master of Nursing

Other areas of specialty/work**Street address**

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Farzaneh Soleimani

Position**Other areas of specialty/work****Street address****City****Postal code****Phone**

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Fax**Email****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