

Clinical Trial Protocol

Iranian Registry of Clinical Trials

19 Jul 2026

The Effect of Early mobilization Program On the Generation of kind Arrhythmias of in Patients of Dehdasht Imam Khomeini Hospital with Acute Myocardial Infarction in 2019

Protocol summary

Study aim

Determining the Effect of Early Movement Program on Arrhythmias in Patients with Acute Myocardial Infarction in Imam Khomeini Dehdasht Hospital in 2019

Design

Clinical trial with control group, with parallel groups, one blind, randomized

Settings and conduct

Patients with acute myocardial infarction diagnosed by a physician admitted to the CCU section of Imam Khomeini's Dehdasht hospital After obtaining written and informed consent from the subjects, the subjects will be randomly divided into two groups of intervention and control. The statistical analyzer has only information about raw data.

Participants/Inclusion and exclusion criteria

Arrival: Declaration of satisfaction regarding participation in research
Diagnosis of acute myocardial infarction by a doctor
He has had a heart attack for the first time
LVEF > 35
Lack of heart disease underlying diseases
No stable hemodynamic disorder
Lack of dangerous arrhythmias such as Grade 2 and Grade 3
The absence of acute psychiatric disorders
Motion disturbances in the extremities (disability or paralysis of the legs)
Non-arrival conditions: Transfer to other departments or to another hospital
Statement of dissatisfaction with participation in the research
Patient death
Problems with startup

Intervention groups

Patients with acute myocardial infarction hospitalized randomly in an early motion program 12 to 18 hours after bed rest in step-by-step steps in the 8 stages of the patient out of the bed and changes in the ECG and signs of the monitoring and recording Gets

Main outcome variables

heart of Arrhythmias

General information

Reason for update

Acronym

IRCT registration information

IRCT registration number: **IRCT20190719044271N1**

Registration date: **2020-01-04, 1398/10/14**

Registration timing: **retrospective**

Last update: **2020-01-04, 1398/10/14**

Update count: **0**

Registration date

2020-01-04, 1398/10/14

Registrant information

Name

Nassiebe Janatifard

Name of organization / entity

Country

Iran (Islamic Republic of)

Phone

+98 74 3226 3292

Email address

janatinassiebe@smd.iaun.ac.ir

Recruitment status

Recruitment complete

Funding source

Expected recruitment start date

2019-03-27, 1398/01/07

Expected recruitment end date

2019-09-22, 1398/06/31

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

The Effect of Early mobilization Program On the Generation of kind Arrhythmias of in Patients of Dehdasht Imam Khomeini Hospital with Acute Myocardial Infarction in 2019

Public title

The Effect of Early mobilization Program On the Generation of kind Arrhythmias of in Patients

Purpose

Health service research

Inclusion/Exclusion criteria**Inclusion criteria:**

Declaration of satisfaction regarding participation in research
Diagnosis of acute myocardial infarction by a doctor
He has had a heart attack for the first time
LVEF>35
Lack of heart disease underlying diseases
No stable hemodynamic disorder
Lack of dangerous arrhythmias such as Grade 2 and Grade 3
The absence of acute psychiatric disorders
Motion disturbances in the extremities (disability or paralysis of the legs)

Exclusion criteria:

Transfer to other departments or to another hospital
Statement of dissatisfaction with participation in the research
Problems with startup
Patient death

Age

No age limit

Gender

Both

Phase

N/A

Groups that have been masked

- Data analyser

Sample size

Target sample size: 60

Randomization (investigator's opinion)

Randomized

Randomization description

After selecting the patients, the samples are returned to the intervention and control groups by means of a table of numbers.

Blinding (investigator's opinion)

Double blinded

Blinding description

Statistical analyzer Who analyzes statistical information

Placebo

Not used

Assignment

Parallel

Other design features**Secondary Ids**

empty

Ethics committees**1****Ethics committee**

Name of ethics committee

Ethics Committee of Islamic Azad University, Najaf Abad Branch

Street address

University Boulevard, Islamic Azad University of Najaf Abad Branch

City

najafabad

Province

Isfahan

Postal code

7573171563

Approval date

2017-09-01, 1396/06/10

Ethics committee reference number

IR.IAU.FALA.REC.1398.040

Health conditions studied**1****Description of health condition studied**

Acute Myocardial infarction

ICD-10 code

I23.8

ICD-10 code description

Other current complications following acute myocardial infarction

Primary outcomes**1****Description**

The rate of cardiac arrhythmias in different stages of movement of patients with acute myocardial infarction in early movement program

Timepoint

Arrhythmias in the first stage of early movement 12 to 18 hours after acute myocardial infarction, at least three hours after the first stage, 24 hours after admission, at least three hours after the third stage, at least three hours after the fourth stage, 48 hours after admission, at least three hours after the sixth stage, at least three hours after the previous stage

Method of measurement

Cardiac monitoring, ECG, checklist

Secondary outcomes**1****Description**

Control of the patient's vital signs

Timepoint

Before moving early, during moving, after moving

Method of measurement

Barometer

Intervention groups

1

Description

Intervention group: Patients with acute myocardial infarction who move on with the early movement program more than 18 hours after admission.

Category

Other

2

Description

Control group: Patients with acute myocardial infarction who come out of bed 48 hours after rest.

Category

Other

Recruitment centers

1

Recruitment center

Name of recruitment center

Imam Khomeini Hospital Dehdasht CCU Unit

Full name of responsible person

Nassiebeh Janatifard

Street address

Nursing Boulevard, Sepah Street

City

Dehdasht

Province

Kohgilouyeh-va-Boyer-Ahmad

Postal code

7573171563

Phone

+98 74 3226 5901

Email

janatinassiebe@gmail.com

Sponsors / Funding sources

1

Sponsor

Name of organization / entity

Islamic Azad University

Full name of responsible person

Doctor Montazer Alghaem

Street address

University street, Islamic Azad University of Najaf Abad Branch

City

najafabad

Province

Isfahan

Postal code

7573171563

Phone

+98 31 4229 1111

Email

janatinassiebe@gmail.com

Grant name

Grant code / Reference number

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

Yes

Title of funding source

Islamic Azad University

Proportion provided by this source

100

Public or private sector

Private

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

Islamic Azad University

Full name of responsible person

Fatemeh Salmani

Position

Assistant Professor

Latest degree

Ph.D.

Other areas of specialty/work

Nursery

Street address

University street, Islamic Azad University of Najaf Abad Branch

City

Najaf Abad

Province

Isfahan

Postal code

1111111111

Phone

+98 31 4229 2581

Email

Ft_salmani@yahoo.com.au

Person responsible for scientific inquiries

Contact

Name of organization / entity

Islamic Azad University

Full name of responsible person

fatemeh salmani

Position

Assistant professor

Latest degree

Ph.D.

Other areas of specialty/work

Nursery

Street address

University street, Islamic Azad University of Najaf Abad Branch

City

Najaf Abad

Province

Isfahan

Postal code

1111111111

Phone

+98 31 4229 2207

Email

ft_salmani@yahoo.com.au

Person responsible for updating data**Contact****Name of organization / entity**

Islamic Azad University

Full name of responsible person

Nassiebe Janati Fard

Position

master of nursing student

Latest degree

Bachelor

Other areas of specialty/work

Nursery

Street address

Imam Khomeini Hospital, Nursing Boulevard, Sepah
Pasdaran Ave.

City

Dehdasht

Province

Isfahan

Postal code

7573171563

Phone

+98 74 3226 5904

Email

janatinassiebeh@gmail.com

Sharing plan**Deidentified Individual Participant Data Set (IPD)**

Yes - There is 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

Yes - There is 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

Title and more details about the data/document

The data from the study will be published as an article.

When the data will become available and for how long

6 to 12 months

To whom data/document is available

Everyone in the field of medicine and nursing

Under which criteria data/document could be used

People who study acute myocardial infarction patients.

From where data/document is obtainable

Email to the person in charge of the project

What processes are involved for a request to access data/document

Email to Applicant - Request from University Research Assistant - If the information is positive to the Providing information to the applicant

Comments