

Clinical Trial Protocol

Iranian Registry of Clinical Trials

15 Jul 2026

The effect of telephone follow-up after discharge on dignity of patients with heart failure

Protocol summary

Study aim

Determining the effect of telephone follow-up after discharge on dignity of patients with heart failure

Design

Clinical trial with control group with parallel group and randomized design. Each group consists of 35 patients. There is no blinding in the study

Settings and conduct

After selecting patients from heart department of Imam Hossein Hospital of Shahrood, for each patient in intervention group, after discharge, once a week for one month, telephone follow up about drug use, symptoms, daily activities and the type of nutrition will take place. Before and one month after intervention, the social dignity and inherent dignity questionnaire will be completed for patients in both groups

Participants/Inclusion and exclusion criteria

Inclusion criteria: Patients older than 40 years old; Patients with heart failure; It is possible to make phone calls with patient; Ability to speak in Persian
Non inclusion criteria: Those who are health care workers

Intervention groups

Intervention group: Each patient in the intervention group will be followed up after discharge, once a week for one month, in relation to the use of medications, symptoms, daily activities and type of nutrition. Control group: The control group will not receive intervention and will only receive routine care and care at the hospital and discharge time.

Main outcome variables

Dignity

General information

Reason for update

Acronym

IRCT registration information

IRCT registration number: **IRCT20100114003064N14**

Registration date: **2019-02-08, 1397/11/19**

Registration timing: **registered_while_recruiting**

Last update: **2019-02-08, 1397/11/19**

Update count: **0**

Registration date

2019-02-08, 1397/11/19

Registrant information

Name

Hossein Bagheri

Name of organization / entity

Shahrood University of Medical Sciences

Country

Iran (Islamic Republic of)

Phone

+98 23 3239 5054

Email address

bagheri@shmu.ac.ir

Recruitment status

Recruitment complete

Funding source

Expected recruitment start date

2019-01-21, 1397/11/01

Expected recruitment end date

2020-01-21, 1398/11/01

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

The effect of telephone follow-up after discharge on dignity of patients with heart failure

Public title

Telephone follow-up and dignity of patients with heart failure

Purpose

Prevention

Inclusion/Exclusion criteria

Inclusion criteria:

Patients older than 40 years Patients with heart failure It is possible to make phone calls with patient Ability to speak in Persian

Exclusion criteria:

Those who are health care workers

Age

From 40 years old

Gender

Both

Phase

N/A

Groups that have been masked

No information

Sample size

Target sample size: 70

Randomization (investigator's opinion)

Randomized

Randomization description

Patients will be selected based on inclusion criteria and will be randomly assigned into two groups: A (telephone follow-up) and B (control group). As patients gradually enter the study, and also because the number of allocated patients will be equal to each group, blocks of size 4 will be used by SPSS software to create a random allocation sequence. The random allocation sequence will be concealed. In this way, there will be 70 envelopes that A and B codes will be put in them. The envelopes will be numbered. Individuals will be coded according to their entry into the study, and an envelope will be allocated for each patient.

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 Shahroud University of Medical Sciences

Street address

Hafte-Tir Sq.,

City

Shahroud

Province

Semnan

Postal code

3614773955

Approval date

2018-12-30, 1397/10/09

Ethics committee reference number

IR.SHMU.REC.1397.177

Health conditions studied

1

Description of health condition studied

Heart failure

ICD-10 code

I50

ICD-10 code description

Heart failure

Primary outcomes

1

Description

Patient Dignity

Timepoint

At the beginning of the study (before the intervention) and one month after

Method of measurement

Social Dignity Questionnaire & Inherent Dignity Questionnaire

Secondary outcomes

empty

Intervention groups

1

Description

Intervention group: After selecting patients and before patient discharge, an educational package containing information such as the date of the visit of the doctor, recommendations for medications and symptoms, daily exercise and diet, along with oral explanations, will be provided to each patient in intervention group. After discharge, once a week for one month, telephone follow up about drug use, symptoms, daily activities and the type of nutrition will take place. Before and one month after intervention, the social dignity and inherent dignity questionnaire will be completed for patients in both groups.

Category

Rehabilitation

2

Description

Control group: The control group will not receive intervention and will only receive routine care and care at the hospital and discharge time.

Category

Rehabilitation

Recruitment centers

1

Recruitment center

Name of recruitment center

Imam Hossein Hospital

Full name of responsible person

Dr. Hossein Bagheri

Street address

28-meteri Touhidi, Imam Khomeini Street

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bagheri@shmu.ac.ir

Sponsors / Funding sources

1

Sponsor

Name of organization / entity

Shahroud University of Medical Sciences

Full name of responsible person

Dr. Mohammad-Hassan Emamian

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Shahroud University of Medical Sciences, Hafte-Tir
Sq., Tehran Street

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

Yes

Title of funding source

Shahroud 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

Shahroud University of Medical Sciences

Full name of responsible person

Dr. Hossein Bagheri

Position

Assistant professort

Latest degree

Ph.D.

Other areas of specialty/work

Nursery

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Person responsible for updating data

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Latest degree

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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