

Clinical Trial Protocol

Iranian Registry of Clinical Trials

06 Jul 2026

Effect of Designed Patient Self-care Education Program on Self Efficacy in Hospitalized Patients with Heart Failure

Protocol summary

Summary

This pre- and post-Quasi-experimental study will be on 56 hospitalized patients with heart failure selected from Seyyedolshohada educational and treatment center in Urmia with the aim of studying the effect of designed patient self-care education program on self-efficacy. Patients having the following criteria will be selected: aged between 40 to 65 years old; being at Risk of heart failure class II or III HF; having an ejection fraction less than 40%. Patients with the inclusion criteria - mentioned above - will be selected through convenience sampling into experimental (n = 28) and control (n = 28) group. Exclusion criteria will be having a history of hospitalization to be treated or working in the health professions. Any patient in the intervention group will be receiving self-care education program for three sessions of 30 minutes and patients in the control group will receive no intervention. The primary outcome of this study will be efficacy in patients with heart failure.

General information

Acronym

IRCT registration information

IRCT registration number: **IRCT201608276918N24**

Registration date: **2017-05-28, 1396/03/07**

Registration timing: **registered_while_recruiting**

Last update:

Update count: **0**

Registration date

2017-05-28, 1396/03/07

Registrant information

Name

Alehe Seyedrasooli

Name of organization / entity

Faculty of Nursing & Midwifery

Country

Iran (Islamic Republic of)

Phone

+98 41 1479 0365

Email address

seyedrasooly@tbzmed.ac.ir

Recruitment status

Recruitment complete

Funding source

Urmia University of Medical Sciences, Faculty of Nursing and Midwifery

Expected recruitment start date

2017-02-18, 1395/11/30

Expected recruitment end date

2017-08-21, 1396/05/30

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

Effect of Designed Patient Self-care Education Program on Self Efficacy in Hospitalized Patients with Heart Failure

Public title

Self-care in Heart Failure

Purpose

Prevention

Inclusion/Exclusion criteria

Inclusion criteria : 40 to 65 years old; Risk of heart failure class II or III HF; Have an ejection fraction less than 40%; Exclusion criteria: Having a history of hospitalization to treat and control the disease; Working in the health professions

Age

From **40 years** old to **65 years** old

Gender

Both

Phase

N/A

Groups that have been masked

No information

Sample size

Target sample size: 56

Randomization (investigator's opinion)

Not randomized

Randomization description

Blinding (investigator's opinion)

Single 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 Urmia University of Medical Sciences

Street address

Adjacent to the 115 emergency, Jahad Avenue, University Headquarters, Uremia

City

Urmia

Postal code

Approval date

2016-09-22, 1395/07/01

Ethics committee reference number

lr.umsu.rec.1395.344

Health conditions studied

1

Description of health condition studied

Heart Failure

ICD-10 code

I50.0

ICD-10 code description

Heart failure, unspecified

Primary outcomes

1

Description

Self-efficacy

Timepoint

Before and After Education

Method of measurement

Chronic Disease Self-efficacy Scale

Secondary outcomes

empty

Intervention groups

1

Description

The intervention group self-care training programs received a week for 30 minutes every other day

Category

Prevention

2

Description

The control group received routine care.

Category

Prevention

Recruitment centers

1

Recruitment center

Name of recruitment center

Seyyedolshohada Educational and Treatment Center, Urmia

Full name of responsible person

Street address

City

Urmia

Sponsors / Funding sources

1

Sponsor

Name of organization / entity

Vice Chancellor for Research of Uremia University of Medical Sciences

Full name of responsible person

Rahim Beghayi

Street address

Urmia University of Medical Sciences, Faculty of Nursing and Midwifery

City

Urmia

Grant name

Grant code / Reference number

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

Yes

Title of funding source

Vice Chancellor for Research of Uremia University of Medical Sciences

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****Person responsible for scientific inquiries****Contact****Name of organization / entity**

Faculty of Nursing and Midwifery, Uremia University of Medical Sciences

Full name of responsible person

Nader Aghajani

Position

PhD in Nursing

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

15 km to the road of Serve, Nazlou, Faculty of Nursing & Midwifery, Uremia University of Medical Sciences

City

Urmia

Postal code**Phone**

0098

Fax**Email**

aghakhani@gmail.com

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

Faculty of Nursing & Midwifery, Uremia University of Medical Sciences

Full name of responsible person

Behrooz Emini

Position

Ms Student

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

15 km to the road of Serve, Nazlou, Faculty of Nursing & Midwifery, Uremia University of Medical Sciences

City**Postal code****Phone**

+98 41 3479 0364

Fax**Email**

amini.b1365@gmail.com

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