

Clinical Trial Protocol

Iranian Registry of Clinical Trials

02 Aug 2026

The Effect Of Family-Centered Empowerment Model (Fcem) On The Blood Pressure And Dimensions Of Empowerment In Elderly People With Hypertension

Protocol summary

Summary

The Aim Of This Study Was To Evaluate The Effect Of Family Centered Empowerment Model On The Blood Pressure And Dimensions Of Empowerment In Elderly People With Hypertension. The Inclusion Criteria Were Comprise Elderly People With 65 Years Old And More; Having Hypertension Disease 140/90 And More And Exclusion Criteria Were Comprise Unwillingness Of Patient Or His Family Member To Continue Cooperation In Empowerment Program. The Study Population Included All Elderly Peoples With Hypertension. The Required Number Of Participants With Using The Pocock Formula, Gigi Table And The Results Of The Pilot Study, 31 Elderly People Were Selected As An Experimental Group And The Same Number As The Control Group. For Experimental Group Family Centered Empowerment Model Was Implemented According To Its Four Steps Perception Threat, Self-Efficacy, Educational Participation And Evaluation In 14 Meeting For 45 Minutes For 4 Months. For Control Group Was Done Usual Care And One Educational Class. Primary Outcome Was The Mean Score Of Blood Pressure After The Intervention.

General information

Acronym

IRCT registration information

IRCT registration number: **IRCT2014041717315N1**
Registration date: **2014-05-27, 1393/03/06**
Registration timing: **retrospective**

Last update:

Update count: **0**

Registration date

2014-05-27, 1393/03/06

Registrant information

Name

Batool Hedayati

Name of organization / entity

Isfahan University of Medical Sciences

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Email address

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Recruitment status

Recruitment complete

Funding source

Isfahan University of Medical Sciences

Expected recruitment start date

2013-06-22, 1392/04/01

Expected recruitment end date

2013-07-23, 1392/05/01

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

The Effect Of Family-Centered Empowerment Model (Fcem) On The Blood Pressure And Dimensions Of Empowerment In Elderly People With Hypertension

Public title

The Effect Of Family-Centered Empowerment Model On The Blood Pressure And Dimensions Of Empowerment In Elderly People

Purpose

Health service research

Inclusion/Exclusion criteria

Inclusion Criteria Elderly People With 65 Years Old And

More; Having Hypertension Disease 140/90 And More; Had A File In The Lenjan Health Center; The Interest Of Elderly People And One Of His Family Members To Participate In Research; Having The Minimum Read And Write Literacy; The Ability To Complete The Questionnaire And Participate In The Programs Of Empowerment; Not Having Any Specific Mental Illness; Exclusion Criteria Unwillingness Of Elderly Peoples Or His Family Member To Continue Cooperation In Empowerment Program; Lack Of Interest For Continuing The Completion Of Research Tools; Lack Of Participation In Group Discussion Meetings And Educational Partnership Programs;

Age

From **60 years** old to **80 years** old

Gender

Both

Phase

N/A

Groups that have been masked

No information

Sample size

Target sample size: **62**

Randomization (investigator's opinion)

Randomized

Randomization description**Blinding (investigator's opinion)**

Single blinded

Blinding description**Placebo**

Not used

Assignment

Parallel

Other design features

In this study elderly people were ACCOMPANY with thier active family member

Secondary Ids

empty

Ethics committees**1****Ethics committee****Name of ethics committee**

Isfahan University Of Medical Sciences

Street address

81726-73461, Hezar Jarib Street, Isfahan University Of Medical Sciences, Isfahan, Islamic Republic Of Iran.

City

Isfahan

Postal code

73461-81726

Approval date

2013-05-22, 1392/03/01

Ethics committee reference number

392189

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

hypertension

ICD-10 code

110

ICD-10 code description

High blood pressure

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

Mean Of Blood Pressure

Timepoint

4 MonthS

Method of measurement

Sphygmomanometer

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

Mean Score Dimensions Of Empowerment

Timepoint

4 months

Method of measurement

Dimensions Of Empowerment Questionnaire

Intervention groups**1****Description**

In This Study Was Implemented Fcem According To Its Four Steps Perception Threat, Self-Efficacy, Educational Participation And Evaluation For Experimental Group.

Category

Lifestyle

2**Description**

For Control Group Was Done Usual Care And One Educational Class.

Category

Lifestyle

Recruitment centers**1****Recruitment center****Name of recruitment center**

Lenjan Health Center

Full name of responsible person

Batool Hedayati

Street address

Shariati Street, Lenjan Health Center, Lenjan township, Isfahan, Islamic Republic Of Iran

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Lenjan Township

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parastaran2011@yahoo.com

Web page address**Sponsors / Funding sources****1****Sponsor****Name of organization / entity**

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Full name of responsible person

Dr. Kazemi, Ph.D. In Nursing

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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

Isfahan 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****Name of organization / entity**

Isfahan University of Medical Sciences

Full name of responsible person

Batool Hedayati

Position

Student Of Msc, Community Health Nursing

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

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Full name of responsible person

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Person responsible for updating data**Contact****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