

Clinical Trial Protocol

Iranian Registry of Clinical Trials

18 Jul 2026

Comparison effect of gain and loss messages via mobile phone short message Service on self-care behaviors of women with type 2 diabetes referred to Ahwaz Diabetic clinic

Protocol summary

Summary

This is a Clinical trial design that with the goal of Comparison effect of gain and loss messages via mobile phone short message service on self-care behaviors of women with type 2 diabetes referred to Ahwaz diabetic clinic. Method: 189 type 2 diabetic patients with simple method of choosing a random and then the three group's two63 patients in the control and intervention group were divided. Inclusion criteria: literacy, ability to work with mobile phones; an aged between 65-18Sal; and their willingness to participate in the study; Exclusion criteria: medical problems to perform self-care behaviors and hospitalization during the study period. For control group, rooting education and for two interventions group from mobile phone short message service for two months was trained. Before and after the intervention Demographic and disease-related information and self-care behaviors were collected by questionnaire. The outcome of this intervention is Commitment to perform self-care behaviors

General information

Acronym

IRCT registration information

IRCT registration number: **IRCT2014030416831N1**

Registration date: **2014-12-17, 1393/09/26**

Registration timing: **retrospective**

Last update:

Update count: **0**

Registration date

2014-12-17, 1393/09/26

Registrant information

Name

Zahra Baji

Name of organization / entity

Ahwaz Jundishapur Medical Sciences University

Country

Iran (Islamic Republic of)

Phone

+98 61 3332 9050

Email address

baji.z@ajums.ac.ir

Recruitment status

Recruitment complete

Funding source

Ahwaz Jundishapur Medical Sciences University

Expected recruitment start date

2013-03-20, 1391/12/30

Expected recruitment end date

2014-03-20, 1392/12/29

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

Comparison effect of gain and loss messages via mobile phone short message Service on self-care behaviors of women with type 2 diabetes referred to Ahwaz Diabetic clinic

Public title

The effect type of educational messages on diabetes self-care Behavior

Purpose

Prevention

Inclusion/Exclusion criteria

Inclusion criteria: the records of the Diabetes Research Center; cell phone or in person in the family; literacy, ability to work with mobile phones; the drug treatment

(pills or insulin); no known mental disorder, a aged between 65-18Sa; after at least 6 months of confirmation of diagnosis of diabetes and their willingness to participate in the study Exclusion criteria: medical problems to perform self-care behaviors such as advanced cardiovascular disease; hospitalization during the study period and unwillingness of patients to continue research in each of the study.

Age

From **18 years** old to **65 years** old

Gender

Both

Phase

N/A

Groups that have been masked

No information

Sample size

Target sample size: **189**

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**

Ahvaz Jundishapur Medical Sciences University

Street address

Golestan area, Ahvaz

City

Ahvaz

Postal code**Approval date**

2010-08-20, 1389/05/29

Ethics committee reference number

ajums.REC.1392.260

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

Type 2 diabetes

ICD-10 code

E11

ICD-10 code description

Non-insulin-dependent diabetes mellitus

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

Self-care behaviors

Timepoint

Before intervention and one month after the intervention.

Method of measurement

Self-Care Questionnaire toobert

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

-

Timepoint

-

Method of measurement

-

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

Control group during two months receives of their routine education from diabetic clinic

Category

Behavior

2**Description**

For intervention in the form of short messages via mobile phone for 2 months and 4message in week.educational messages in a different context. The control group received the routineeducational

Category

Behavior

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

Golestan Hospital Diabetes Clinic

Full name of responsible person

Zahrabaji

Street address

Golestan Hospital, Street Esfand, Golestan, Ahvaz

City

Ahvaz

Sponsors / Funding sources

1

Sponsor

Name of organization / entity

Vice chancellor for research and technology

Full name of responsible person

Nader Saky

Street address

Golestan area, Ahvaz

City

Ahvaz

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 and technology

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**

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Full name of responsible person

Zahrabaji

Position

M.SC Student of Health Education

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Position

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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