

Clinical Trial Protocol

Iranian Registry of Clinical Trials

18 Sep 2026

The impact of resiliency skills on self-efficacy in patients with type II diabetes

Protocol summary

Summary

This study is a randomized clinical trial on 150 patients with type II diabetes were referred to Motahari Clinic in Shiraz . Patients were selected through convenience sampling. Then randomly divided into two groups of intervention and control. Resilience Scale (CD-RISC) and self diabetes (DMSES), before the intervention, immediately after and one month after the intervention in both groups were completed. Program in the experimental group: Six sessions for a month and a half, two hours was carried out. Training topics include: Self-awareness, coping skills with negative mood and depression, anger management skills, stress management and problem solving skills. Patients in the control group received routine training. Inclusion criteria: Diagnosis of type II diabetes by an endocrinologist, aged 30 to 80 years, resiliency score less than 52, the middle and lower self-efficacy, residing in Shiraz. Exclusion criteria: Presence of mental disorders and mental retardation, lack of participation in more than two sessions, attend the same classes Educational

General information

Acronym

IRCT registration information

IRCT registration number: **IRCT2016022726790N1**

Registration date: **2017-03-03, 1395/12/13**

Registration timing: **retrospective**

Last update:

Update count: **0**

Registration date

2017-03-03, 1395/12/13

Registrant information

Name

Zahra Asadabadi por

Name of organization / entity

Fatemeh School of Nursing & Midwifery Shiraz

Country

Iran (Islamic Republic of)

Phone

+98 71 4440 7001

Email address

stud2400052808@sums.ac.ir

Recruitment status

Recruitment complete

Funding source

vice chancellor for research, Shiraz University of Medical Sciences

Expected recruitment start date

2016-05-21, 1395/03/01

Expected recruitment end date

2016-07-20, 1395/04/30

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

The impact of resiliency skills on self-efficacy in patients with type II diabetes

Public title

Resilience impact on diabetic patients

Purpose

Supportive

Inclusion/Exclusion criteria

Inclusion criteria: Diagnosis of type II diabetes by an endocrinologist, aged 30 to 80 years, resiliency score less than 52, the middle and lower self-efficacy, residing in Shiraz. Exclusion criteria: Presence of mental disorders and mental retardation, lack of participation in more than two sessions, attend the same classes Educational

Age

From **30 years** old to **80 years** old

Gender
Both

Phase
2

Groups that have been masked
No information

Sample size
Target sample size: **150**

Randomization (investigator's opinion)
Randomized

Randomization description

Blinding (investigator's opinion)
Not blinded

Blinding description

Placebo
Not used

Assignment
Parallel

Other design features
In this study, the method of randomization (table of random numbers) have been selected.

Secondary Ids

1

Registry name
-

Secondary trial Id
-

Registration date
empty

Ethics committees

1

Ethics committee

Name of ethics committee
Ethics committee of Shiraz University of Medical Sciences

Street address
Motahari Clinic, Namaz Square, Shiraz

City
Shiraz

Postal code

Approval date
2016-01-10, 1394/10/20

Ethics committee reference number
IR.SUMS.REC.1394.172

Health conditions studied

1

Description of health condition studied
Type II diabetes

ICD-10 code
E11

ICD-10 code description

Non-insulin-dependent diabetes mellitus

Primary outcomes

1

Description
Self- efficacy

Timepoint
Before intervention, immediately after the intervention, one month after the intervention.

Method of measurement
Diabetes Management Self- efficacy Scale

Secondary outcomes

1

Description
Resilience

Timepoint
Before intervention, immediately after the intervention, one month after the intervention.

Method of measurement
Conner- Davidson Resilience scale

Intervention groups

1

Description
Program in the experimental group, Six sessions for a month and a half, two hours was carried out. Training topics include: Self-awareness, coping skills with negative mood and depression, anger management skills, stress management and problem solving skills

Category
Behavior

2

Description
The control group receive training routine

Category
Behavior

Recruitment centers

1

Recruitment center

Name of recruitment center
Diabetes Clinic; Motahari Clinic;

Full name of responsible person
Phd Camellia Torabizadeh

Street address
Diabetes Clinic; Motahari Clinic; Namaz Square; Shiraz

City
Shiraz

Sponsors / Funding sources

1

Sponsor

Name of organization / entity

Shiraz University of Medical Sciences

Full name of responsible person

Dr Basir Hashemi

Street address

Vice President of Research, Floor 7, Headquarters of
Shiraz University of Medical Science, Zand Street,
Shiraz

City

Shiraz

Grant name

-

Grant code / Reference number

-

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

Yes

Title of funding source

Shiraz 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**

Fatemeh School of Nursing & Midwifery Shiraz

Full name of responsible person

Zahra Asadabadi por

Position

Nursing student

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

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-

Person responsible for scientific inquiries

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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

