

Clinical Trial Protocol

Iranian Registry of Clinical Trials

28 Aug 2026

Comparison of the effect of problem solving training on the level of self-handicapping in nursing students before and after education

Protocol summary

Summary

The object of this study is to investigate the effect of problem solving skill training on the level of self-handicapping in nursing student studying in 2016 - 2017 in Jahrom University of Medical Sciences. At first all of the students complete the questionnaire self-handicapping and then 90 participants are selected who have self-handicapping score above 50 as follows. First, the number of students in each grade who included in this study, is determined by classification method with regard to various number of self-handicapping people in each grade. Then samp is done in each inclusion by simple random method and by drawing lots from dedicated numbers to each person. These persons are divided into experimental and control groups by redrawing lots. Main inclusion criterion is, studying the student at Jahrom University of Medical Sciences and exclusion criterion is, failure to attend training sessions. Problem solving skill training is considered as intervention that is done in February 2017 and anticipated results of its effects have been foreseen on the students self-handicapping.

General information

Acronym

IRCT registration information

IRCT registration number: **IRCT2017011231895N1**

Registration date: **2017-07-25, 1396/05/03**

Registration timing: **retrospective**

Last update:

Update count: **0**

Registration date

2017-07-25, 1396/05/03

Registrant information

Name

Lela Ashrafian

Name of organization / entity

Shiraz univerci of medydical science

Country

Iran (Islamic Republic of)

Phone

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Email address

stud2470956315@sums.ac.ir

Recruitment status

Recruitment complete

Funding source

Shiraz University of Medical Sciences

Expected recruitment start date

2017-01-29, 1395/11/10

Expected recruitment end date

2017-04-18, 1396/01/29

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

Comparison of the effect of problem solving training on the level of self-handicapping in nursing students before and after education

Public title

The effect of problem solving on self-handicapping

Purpose

Prevention

Inclusion/Exclusion criteria

Inclusion criterion studying the student at Jahrom University of Medical Sciences No part in the training problem solving skill training Self-handicapping score higher than 50 Consent to participate in the study Exclusion criterion Failure to attend training sessions

Age

From **17 years** old to **50 years** old

Gender

Both

Phase

2

Groups that have been masked

No information

Sample size

Target sample size: 90

Randomization (investigator's opinion)

Randomized

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

Single blinded

Blinding description**Placebo**

Not used

Assignment

Parallel

Other design features

This study is single blind because examinees have no information about the reason of training and intervention.

Secondary Ids

empty

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

Ethics committee of Shiraz University of Medical Science

Street address

Zand street

City

Shiraz

Postal code**Approval date**

2016-10-30, 1395/08/09

Ethics committee reference number

IR.SUMS.REC.1395.131

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

Self handicaping

ICD-10 code

F99

ICD-10 code description

Mental disorder, not otherwise specified

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

The level of self-handicapping

Timepoint

Before the intervention, immediately and one month after intervention

Method of measurement

Self-handicapping scale(Jones and Rodwalt)

Secondary outcomes

empty

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

The intervention group will learn problem solving skill training during 6 sessions for 2 hours. Then they will complete the questionnaire self-handicapping immediately and one month after intervention.

Category

Behavior

2**Description**

The control group has no intervention.

Category

Behavior

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

Jahrom University of Medical Sciences

Full name of responsible person

Mohsen faseleh

Street address

At the end of Motahari street

City

Jahrom

Sponsors / Funding sources**1****Sponsor****Name of organization / entity**

Vice chancellor for Shiraz University of Medical Sciences

Full name of responsible person

Ali Pustfrushfard

Street address

Zand Street headquarters Shiraz University of Medical Sciences

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Shiraz

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

organization/entity?

Yes

Title of funding source

Vice chancellor for 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**

Shiraz University of Medical science - Nurse and
Midwifery school

Full name of responsible person

Dr Ladan Zarshenas

Position

PhD /Assistant Professor- Dean of EDO

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Full name of responsible person

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Nurcing Univercity in Shiraz

Full name of responsible person

Lela Ashrafian Jahromy

Position

Undergraduate / graduate student

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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