Clinical Trial Protocol
Iranian Registry of Clinical Trials

06 Nov 2026

The Effect of Training Interventions on the Psychological Factors of Self-Medication in Elderly

Protocol summary

Summary

The present study was a clinical trial aiming to determine the effect of a training intervention on self-medication among the elderly referring to the health centers of Khorramabad, Iran. The inclusion criteria were being older than 60, residing in Khorramabad, being mentally healthy, and not being an invalid. The exclusion criteria included having neurological defects, being an invalid, death, immigration, being unwilling or uninterested in participating in the training sessions. The studied population included 132 individuals (66 individuals in the intervention group and 66 individuals in the control group) older than 60, who underwent the training intervention based on the health belief model in 2015. Their performance regarding self-medication was assessed as the outcome of the intervention.

General information

Acronym

IRCT registration information

IRCT registration number: **IRCT2013091814512N2**
Registration date: **2017-02-02, 1395/11/14**
Registration timing: **retrospective**

Last update:
Update count: **0**

Registration date

2017-02-02, 1395/11/14

Registrant information

Name

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Name of organization / entity

Arak University Of Medical Sciences

Country

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Recruitment status

Recruitment complete

Funding source

Lorestan University of Medical Sciences

Expected recruitment start date

2015-01-08, 1393/10/18

Expected recruitment end date

2015-04-19, 1394/01/30

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

The Effect of Training Interventions on the Psychological Factors of Self-Medication in Elderly

Public title

The Effect of Training Interventions on the Self-Medication

Purpose

Prevention

Inclusion/Exclusion criteria

Inclusion criteria:Being 60 or older; Residing in Khorramabad; Being psychologically healthy; Not being an invalid. Exclusion criteria: Included suffering from neurologic defects; Being an invalid; Dying during the study period; Emigrating from the city; and not being willing and interested in participating in the training sessions.

Age

No age limit

Gender

Both

Phase
N/A
Groups that have been masked
No information
Sample size
Target sample size: **132**
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
Lorestan University of Medical Sciences
Street address
Lorestan University of Medical Sciences, Anooshirvan Rezaei Square, Khorramabad, Lorestan, Iran.
City
Khorramabad
Postal code
Approval date
2014-09-03, 1393/06/12
Ethics committee reference number
2040

Health conditions studied

1

Description of health condition studied
Drug Use
ICD-10 code
Z72.2
ICD-10 code description
Drug use

Primary outcomes

1

Description
Adopt behaviors to prevent self-medication
Timepoint
Before and three months after intervention
Method of measurement
Questionnaire

Secondary outcomes

1

Description
Complications associated with self-medication
Timepoint
1 year after training
Method of measurement
Check list

Intervention groups

1

Description
Intervention Group : The intervention was carried out in the intervention group based on the health belief model and included 6 training sessions, each session lasting 45 minutes. The training methods included lectures, question and answer sessions, and group discussions. To help the comprehension of the materials by the elderly, to prevent misunderstandings regarding the presented materials, and to engage the sense of sight in the elderly due to the importance of this sense in the learning process, in addition to lectures, other instruments and teaching aids, including Powerpoint presentations, posters, educational leaflets and pamphlets, and whiteboards were used.
Category
Prevention

2

Description
control Group : Just providing routine Education .
Category
Prevention

Recruitment centers

1

Recruitment center
Name of recruitment center
Health Center in the city of Khorramabad
Full name of responsible person
Fatemeh Bastami
Street address
City
Khorramabad

Sponsors / Funding sources

1

Sponsor
Name of organization / entity
Lorestan University of Medical Sciences
Full name of responsible person
Mojtaba Khaksaryan

Street address
Lorestan University of Medical Sciences, Complex University Campus, Deputy Minister for Research and Technology, Khorramabad, Lorestan
City
Khorramabad
Grant name
Grant code / Reference number
Is the source of funding the same sponsor organization/entity?
Yes
Title of funding source
Lorestan 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
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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
Data Dictionary
empty