

Clinical Trial Protocol

Iranian Registry of Clinical Trials

27 Jun 2026

Comparison of the effect of role playing method with lecture on knowledge and attitude toward HIV/AIDS in general population (18-49 years old) of Khorramabad countryside

Protocol summary

Study aim

Assessing the effect of Role Playing and lecture methods on HIV-related knowledge and attitude among 18-49 years olds marginal population in Khorramabad

Design

270 people. Falkaldin region: role-playing method; stack region: the lecture method; Massor area: control group. The clinical trial is phase 3

Settings and conduct

270 people aged 18-49 years from the general population of the suburbs in Rasht and Falkaddin areas of Khorramabad and Masur residents are considered as the control population, using random sampling. Class and selection criteria will be selected and included in the study. Three suburban areas will be allocated to intervention and control groups by cluster randomization method. In the Falkadine area, the role-playing method is considered to be the lecture method in the Poshteh area. A questionnaire for all individuals will be completed prior to the intervention. Interventions are grouped and the training program will be held once a week, once a week. In order to better study the groups, the groups will be broken down into 20-person subgroups, with 4 one-hour training sessions in each group. After two weeks, the questionnaire will be completed again for all individuals in all three groups. Finally, the information collected before and after the intervention will be analyzed.

Participants/Inclusion and exclusion criteria

Inclusion criteria: • 18-49 years old • Iranian citizenship • A resident of Falkodin, Ridge, and Masur areas of Khorramabad • literate • Mental ability to understand training and answer questions • informed consent to participate Exclusion criteria: • unwillingness to participate in the study • Excluded from the study due to immigration or death

Intervention groups

Teaching by lecture; Role-Playing Training

Main outcome variables

Knowledge and attitude towards HIV

General information

Reason for update

Acronym

IRCT registration information

IRCT registration number: **IRCT20190807044467N1**

Registration date: **2019-12-15, 1398/09/24**

Registration timing: **prospective**

Last update: **2019-12-15, 1398/09/24**

Update count: **0**

Registration date

2019-12-15, 1398/09/24

Registrant information

Name

maryam nasirian

Name of organization / entity

Country

Iran (Islamic Republic of)

Phone

+98 31 3792 3246

Email address

maryamnasirian17@gmail.com

Recruitment status

Recruitment complete

Funding source

Expected recruitment start date

2019-12-22, 1398/10/01

Expected recruitment end date

2020-02-20, 1398/12/01

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date
empty

Scientific title
Comparison of the effect of role playing method with lecture on knowledge and attitude toward HIV/AIDS in general population (18-49 years old) of Khorramabad countryside

Public title
The impact of role playing and speaking on population knowledge and attitude

Purpose
Education/Guidance

Inclusion/Exclusion criteria
Inclusion criteria:
Elementary Literacy Mental ability to understand education and answer question Resident in the study areas informed consent to participate in the study
Exclusion criteria:
Under 18 year Over 49 year Unwillingness to participate in the study Exclusion due to immigration or death Known mental disorders and severe visual and auditory disorders

Age
From **18 years** old to **49 years** old

Gender
Both

Phase
N/A

Groups that have been masked

- Participant

Sample size
Target sample size: **270**

Randomization (investigator's opinion)
Randomized

Randomization description
Cluster random allocation; The three regions of Poshteh, Masour, and Falkodin in Khorramabad will be considered as clusters and assigned randomly to intervention group 1 (lecture = Falkodine), intervention 2 (role-playing = Poshteh), control (Masseur) Were. Subjects were then randomly selected in each district.

Blinding (investigator's opinion)
Single blinded

Blinding description
In order to blind the participants, individuals in each of the intervention and control groups were selected from three separate marginal areas to avoid communication with each other and not to be informed about each other's education.

Placebo
Not used

Assignment
Parallel

Other design features

Secondary Ids
empty

Ethics committees

1

Ethics committee

Name of ethics committee

Institutional research ethics committee, Isfahan University of medical Sciences

Street address

hezarjarib

City

Isfahan

Province

Isfahan

Postal code

۷۳۴۶۱-۸۱۷۴۶

Approval date

2019-10-23, 1398/08/01

Ethics committee reference number

IR.MUI.RESEARCH.REC.1398.482

Health conditions studied

1

Description of health condition studied

HIV

ICD-10 code

Z71.7

ICD-10 code description

Human immunodeficiency virus [HIV] counseling

Primary outcomes

1

Description

knowledge

Timepoint

two weeks

Method of measurement

A standardized questionnaire assessing the knowledge and attitude of the general population regarding HIV

2

Description

attitude

Timepoint

two weeks

Method of measurement

A standardized questionnaire assessing the knowledge and attitude of the general population regarding HIV

Secondary outcomes

empty

Intervention groups

1

Description

"Intervention group1: pamphlets and lecture"; Four one-hour training sessions per week; One month training period.; The educational content will be prepared from the brochure "A New Approach to HIV Education", published by the Ministry of Health and Medical Education.

Category

Behavior

2

Description

"Intervention group 2: pamphlets and role-playing"; Four one-hour training sessions per week; One month training period.; The educational content will be prepared from the brochure "A New Approach to HIV Education", published by the Ministry of Health and Medical Education.

Category

Behavior

3

Description

No training will be provided except for a pamphlet.

Category

Behavior

Recruitment centers

1

Recruitment center

Name of recruitment center

Lorestan university of medical sciences

Full name of responsible person

Mina Jomezadeh

Street address

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Sponsors / Funding sources

1

Sponsor

Name of organization / entity

Esfahan University of Medical Sciences

Full name of responsible person

Shaghayegh Haghjooy Javanmard

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Grant name

Grant code / Reference number

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

No

Title of funding source

Deputy of Research and Technology in Isfahan University of Medical Sciences

Proportion provided by this source

100

Public or private sector

Public

Domestic or foreign origin

Domestic

Category of foreign source of funding

empty

Country of origin

Type of organization providing the funding

Academic

Person responsible for general inquiries

Contact

Name of organization / entity

Khoram-Abad University of Medical Sciences

Full name of responsible person

Mina Jomezadeh

Position

Manager of Health Workers Training Center

Latest degree

Master

Other areas of specialty/work

Health Promotion

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Person responsible for scientific inquiries

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Sharing plan

Deidentified Individual Participant Data Set (IPD)

No - There is not a plan to make this available

Justification/reason for indecision/not sharing IPD

confidential consideration about HIV issue and marginalized population

Study Protocol

No - There is not a plan to make this available

Statistical Analysis Plan

No - There is not a plan to make this available

Informed Consent Form

No - There is not a plan to make this available

Clinical Study Report

No - There is not a plan to make this available

Analytic Code

No - There is not a plan to make this available

Data Dictionary

No - There is not a plan to make this available