Clinical Trial Protocol
Iranian Registry of Clinical Trials

18 Sep 2026

The Effect of Education Based on Health Belief Model on AIDS Prevention Behaviors in vulnerable women

Protocol summary

Study aim

This study goal is to affect of health education program based on Health Belief Model on the AIDS preventive behaviors of vulnerable women in zahedan

Design

From the randomly selected centers, vulnerable women were selected based on inclusion criteria with convenience sampling to participate in this study. (100 in intervention group and 100 in control group). Data were collected by conducting a validated and reliable questionnaire made by researcher before intervention and a month after intervention. This study was not blind.

Settings and conduct

Based on World Health Organization (WHO) studies health education is the best possible way for HIV prevention and vulnerable groups must be a priority training programs. This randomized study was conducted on 200 vulnerable women of Zahedan. The data collection tool was a questionnaire designed based on health belief model and knowledge assessment. At first, the primary test was performed in two groups (intervention and control) and then again, the test was performed immediately and 4 weeks after intervention with the same questionnaire in two groups.

Participants/Inclusion and exclusion criteria

Inclusion criteria: No AIDS; Vulnerable; Lack of specific physical and mental illness. Exclusion criteria: Non-cooperation

Intervention groups

In intervention group was performed 3 educational intervention sessions for 90 minutes using lecturing method, question answer method, focus group discussion and slideshows, but the control group received no intervention

Main outcome variables

Preventive AIDS behavior, Perceived susceptibility, Perceived severity, Perceived benefits, Perceived barriers, Self-efficacy, Cues to action

General information

Reason for update

Acronym

IRCT registration information

IRCT registration number: **IRCT20161126031105N3**
Registration date: **2019-12-19, 1398/09/28**
Registration timing: **retrospective**

Last update: **2019-12-19, 1398/09/28**
Update count: **0**

Registration date

2019-12-19, 1398/09/28

Registrant information

Name

Somayyeh Khazaeian

Name of organization / entity

Zahedan University of Medical Sciences

Country

Iran (Islamic Republic of)

Phone

+98 54 3323 1207

Email address

somayeh.khazaiyan@sbmu.ac.ir

Recruitment status

Recruitment complete

Funding source

Expected recruitment start date

2019-05-10, 1398/02/20

Expected recruitment end date

2019-11-11, 1398/08/20

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title
The Effect of Education Based on Health Belief Model on AIDS Prevention Behaviors in vulnerable women

Public title
The Effect of Education on AIDS Prevention
Purpose
Prevention
Inclusion/Exclusion criteria
Inclusion criteria:
No AIDS Vulnerable Lack of specific physical and mental illness
Exclusion criteria:
Non-cooperation
Age
From **18 years** old to **50 years** old
Gender
Female

Phase
N/A
Groups that have been masked
No information
Sample size
Target sample size: **200**
Randomization (investigator's opinion)
Randomized
Randomization description
Of the four areas city were sample randomly selected two areas with suburban people. From the list of health centers in these two areas, four centers were selected using a random number table. Two primary couples were selected for two intervention centers and two primary ones for two control centers. Subjects at each center were selected according to the inclusion criteria by convenience sampling.
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
Ethics Committee of Zahedan University of Medical Sciences
Street address
Zahedan University of Medical Sciences, Khalij Fars Boulevard
City
Zahedan
Province
Sistan-va-Balouchestan
Postal code
98167-43175
Approval date
2019-04-14, 1398/01/25
Ethics committee reference number
IR.ZAUMS.REC.1398.024

Health conditions studied

1

Description of health condition studied
ADIS
ICD-10 code
B20
ICD-10 code description
Human immunodeficiency virus [HIV] disease

Primary outcomes

1

Description
Change In HIV-preventive behaviors
Timepoint
Before intervention, immediately and one month after intervention
Method of measurement
Questionnaire

2

Description
Perceived susceptibility
Timepoint
Before intervention, immediately and one month after intervention
Method of measurement
Questionnaire

3

Description
Perceived severity
Timepoint
Before intervention, immediately and one month after intervention
Method of measurement
Questionnaire

4

Description
Perceived benefits
Timepoint
Before intervention, immediately and one month after intervention
Method of measurement
Questionnaire

5

Description
Perceived barriers
Timepoint
Before intervention, immediately and one month after intervention
Method of measurement
Questionnaire

6

Description
Self-efficacy
Timepoint
Before intervention, immediately and one month after intervention
Method of measurement
Questionnaire

7

Description
Cues to action
Timepoint
Before intervention, immediately and one month after intervention
Method of measurement
Questionnaire

Secondary outcomes

empty

Intervention groups

1

Description
Intervention group:The intervention included 3 training sessions 90-minute in the intervention group that it was carried out by question and answer method, focused group discussion and slideshow. The intervention included the definition of AIDS, transmission modalities, prevention methods, transmission ways high risk groups and skills prevent transmission
Category
Prevention

2

Description
Control group:Before the intervention, questionnaires was given to the control group.There was no intervention in the control group. After the intervention, questionnaires were again completed by the control group.
Category
N/A

Recruitment centers

1

Recruitment center
Name of recruitment center
Health centers of suburb of town
Full name of responsible person
Seyed Mehdi Tabatabaei
Street address
Provincial Health Center, Health Blvd
City
Zahedan
Province
Sistan-va-Balouchestan
Postal code
9816913181
Phone
+98 54 3343 8801
Email
zu.healthdeputy@gmail.com

Sponsors / Funding sources

1

Sponsor
Name of organization / entity
Vice chancellor for Research and Technology, Zahedan University of Medical Sciences
Full name of responsible person
Dr.Mohsen Taheri
Street address
Pardis University of Medical Sciences Campus, Hessabi Sq
City
Zahedan
Province
Sistan-va-Balouchestan
Postal code
9816743463
Phone
+98 54 3329 5715
Email
Taheri@yahoo.com
Grant name
Grant code / Reference number
Is the source of funding the same sponsor organization/entity?
No
Title of funding source
Vice chancellor for Research and Technology, Zahedan 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
Zahedan University of Medical Sciences
Full name of responsible person
Somayyeh Khazaeian
Position
Faculty of Midwifery
Latest degree
Ph.D.
Other areas of specialty/work
Reproductive Health
Street address
School of Nursing and Midwifery, Mashahir Sq
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Person responsible for scientific inquiries

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Person responsible for updating data

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Web page address

Sharing plan

Deidentified Individual Participant Data Set (IPD)
Undecided - It is not yet known if there will be a plan to make this available
Study Protocol
Undecided - It is not yet known if there will be a plan to make this available
Statistical Analysis Plan
Undecided - It is not yet known if there will be a plan to make this available
Informed Consent Form
Undecided - It is not yet known if there will be a plan to make this available
Clinical Study Report
Not applicable
Analytic Code
Not applicable
Data Dictionary
Not applicable