

Clinical Trial Protocol

Iranian Registry of Clinical Trials

04 Aug 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@sbm.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

City

Zahedan

Province

Sistan-va-Balouchestan

Postal code

9816743463

Phone

+98 54 3344 2481

Email

m_khazaiyan@yahoo.com

Person responsible for scientific inquiries

Contact

Name of organization / entity

Zahedan University of Medical Sciences

Full name of responsible person

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9816743463

Phone

+98 54 3344 2481

Fax**Email**

m_khazaiyan@yahoo.com

Web page address

Person responsible for updating data

Contact

Name of organization / entity

Zahedan University of Medical Sciences

Full name of responsible person

Somayyeh Khazaeian

Position

Faculty of Midwifery

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City

Zahedan

Province

Sistan-va-Balouchestan

Postal code

9816743463

Phone

+98 54 3341 6708

Fax**Email**

m_khazaiyan@yahoo.com

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