

# Clinical Trial Protocol

## Iranian Registry of Clinical Trials

02 Aug 2026

### The effect of web-based education based on health belief model on voluntary HIV testing in couples, referring to the pre-marriage counseling center

#### Protocol summary

##### Study aim

The effect of web-based education based on health belief model on voluntary HIV testing in couples, referring to the pre-marriage counseling center

##### Design

Clinical trial with control group, with parallel groups, without blinding randomized, 152 couples referring to counseling center.

##### Settings and conduct

Providing web-based education to couples referring to the pre-marriage counseling center and assessment with a questionnaire.

##### Participants/Inclusion and exclusion criteria

Entry requirements: inclination to participate in research. Internet access. Access to a computer or smartphone. At least literacy at reading and writing levels. There is no medical and paramedical education. The HIV test has not been done before. Non-arrival conditions: the collaborator will review the collaboration with the researcher during the study and refrain from continuing the collaboration.

##### Intervention groups

Intervention group: they will see the educational program based on health belief model patterns for a week on the website. Additionally, from the interval between the completion of the training program and the next two weeks, reminder messages will be sent by SMS to encourage learners to view the educational content uploaded to the website. The assessment will be done by the questionnaire two weeks after the intervention before the intervention. In the control group, patients will receive routine training. The assessment will be done by the questionnaire two weeks after the intervention before the intervention.

##### Main outcome variables

Awareness; perceived sensitivity; perceived severity; perceived barriers; perceived benefits; self-efficacy in

overcoming barriers

#### General information

##### Reason for update

##### Acronym

##### IRCT registration information

IRCT registration number: **IRCT20190712044183N1**

Registration date: **2019-10-12, 1398/07/20**

Registration timing: **retrospective**

Last update: **2019-10-12, 1398/07/20**

Update count: **0**

##### Registration date

2019-10-12, 1398/07/20

##### Registrant information

##### Name

Ali Khaledi

##### Name of organization / entity

##### Country

Iran (Islamic Republic of)

##### Phone

+98 77 3345 0084

##### Email address

ali.khaledi@bpums.ac.ir

##### Recruitment status

**Recruitment complete**

##### Funding source

##### Expected recruitment start date

2019-08-06, 1398/05/15

##### Expected recruitment end date

2019-10-07, 1398/07/15

##### Actual recruitment start date

empty

##### Actual recruitment end date

empty

**Trial completion date**

empty

**Scientific title**

The effect of web-based education based on health belief model on voluntary HIV testing in couples, referring to the pre-marriage counseling center

**Public title**

The effect of web-based education on voluntary HIV testing in couples, referring to the pre-marriage counseling center.

**Purpose**

Prevention

**Inclusion/Exclusion criteria****Inclusion criteria:**

The person willing to participate in research The person has internet access The person has access to a computer or smartphone The person has at least a literacy level of reading and writing Do not have any medical or paramedical education The person has not tested HIV before

**Exclusion criteria:**

The participator will review the participation with the researcher during the study and refrain from continuing the participation

**Age**

No age limit

**Gender**

Both

**Phase**

N/A

**Groups that have been masked**

*No information*

**Sample size**

Target sample size: **152**

**Randomization (investigator's opinion)**

Randomized

**Randomization description**

Couples in random allocation by ( block method with permutation) placed in two groups of intervention and control.

**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 Bushehr University of Medical

Sciences

**Street address**

Bushehr University of Medical Sciences-Salman Farsi St.-Bahmani

**City**

Bushehr

**Province**

Boushehr

**Postal code**

7518759577

**Approval date**

2019-09-15, 1398/06/24

**Ethics committee reference number**

IR.BPUMS.REC.1398.100

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

Acquired Immunodeficiency Syndrome (AIDS)

**ICD-10 code**

B20

**ICD-10 code description**

Human immunodeficiency virus [HIV] disease

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

Awareness

**Timepoint**

Before the intervention, two weeks after the intervention

**Method of measurement**

Awareness questionnaire (researcher made)

**2****Description**

Perceived sensitivity

**Timepoint**

Before the intervention, two weeks after the intervention

**Method of measurement**

Perceived susceptibility questionnaire (researcher made)

**3****Description**

Perceived severity

**Timepoint**

Before the intervention, two weeks after the intervention

**Method of measurement**

Perceived severity questionnaire (researcher made)

**4****Description**

Perceived barriers

**Timepoint**

Before the intervention, two weeks after the intervention

**Method of measurement**

Perceived barriers questionnaire (researcher made)

## 5

### **Description**

Perceived benefits

### **Timepoint**

Before the intervention, two weeks after the intervention

### **Method of measurement**

Perceived benefits questionnaire (researcher made)

## 6

### **Description**

Self-efficacy in overcoming obstacles

### **Timepoint**

Before the intervention, two weeks after the intervention

### **Method of measurement**

Self-efficacy in overcoming obstacles questionnaire (researcher made)

## 7

### **Description**

Behaviors doing HIV testing

### **Timepoint**

Before the intervention, two weeks after the intervention

### **Method of measurement**

Behaviors doing HIV testing questionnaire (researcher made)

## **Secondary outcomes**

empty

## **Intervention groups**

### 1

#### **Description**

Intervention group: the intervention group will receive the educational content in addition to the routine education. To do this, they will first be presented with a card containing the username and password to view the content. These people will watch a multimedia-based curriculum based on Health Belief Model constructs for a week on a health education website. In addition, reminder messages will be sent once a week via text message to encourage learners to view the educational content uploaded to the website within two weeks of completing the education program. this group will be evaluated by a questionnaire before and two weeks after the intervention.

#### **Category**

Lifestyle

### 2

#### **Description**

Control group: the control group receive routine education. Evaluation will be done through questionnaire before the intervention and two weeks after the end of the intervention. After the final measurement,

participants in the control group will receive a card containing username and password to view educational content.

#### **Category**

Lifestyle

## **Recruitment centers**

### 1

#### **Recruitment center**

##### **Name of recruitment center**

Health Center for Nabi Akram

##### **Full name of responsible person**

Hossein Zarei

##### **Street address**

Commercial., AlleyMotahari St

##### **City**

Bushehr

##### **Province**

Boushehr

##### **Postal code**

7514633341

##### **Phone**

+98 77 3355 4684

##### **Email**

ali.khaledi@bpums.ac.ir

## **Sponsors / Funding sources**

### 1

#### **Sponsor**

##### **Name of organization / entity**

Boushehr University of Medical Sciences

##### **Full name of responsible person**

Dr. Gholam Reza Khamisipour

##### **Street address**

University of Medical Sciences, Salman Farsi St., ,

##### **City**

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##### **Email**

ali.khaledi@bpums.ac.ir

#### **Grant name**

#### **Grant code / Reference number**

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

Yes

#### **Title of funding source**

Boushehr 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**

Boushehr University of Medical Sciences

**Full name of responsible person**

Mahnoush Reisi

**Position**

Ph.D. Health Education and Health Promotion

**Latest degree**

Ph.D.

**Other areas of specialty/work**

Health Promotion

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reisi\_mr@yahoo.com

**Person responsible for scientific inquiries****Contact****Name of organization / entity**

Boushehr University of Medical Sciences

**Full name of responsible person**

Mahnoush Reisi

**Position**

Ph.D. Health Education and Health Promotion

**Latest degree**

Ph.D.

**Other areas of specialty/work**

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**Person responsible for updating data****Contact****Name of organization / entity**

Boushehr University of Medical Sciences

**Full name of responsible person**

Ali Khalidi

**Position**

Graduate student of health education

**Latest degree**

Bachelor

**Other areas of specialty/work**

Health Promotion

**Street address**

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**Postal code**

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**Phone**

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**Email**

alikhaleidi1404@gmail.com

**Sharing plan****Deidentified Individual Participant Data Set (IPD)**

Yes - There is a plan to make this available

**Study Protocol**

No - There is not a plan to make this available

**Statistical Analysis Plan**

Yes - There is a plan to make this available

**Informed Consent Form**

Yes - There is a plan to make this available

**Clinical Study Report**

Yes - There is a plan to make this available

**Analytic Code**

Yes - There is a plan to make this available

**Data Dictionary**

Yes - There is a plan to make this available

**Title and more details about the data/document**

The protocol of study includes the content of education, the questionnaire and the methodology. Although statistical analysis and the results will be shared in public, no decision is made yet about the sharing of file of participants

**When the data will become available and for how long**

After announcing the results in 2019

**To whom data/document is available**

All researchers and students in the public and private sectors

**Under which criteria data/document could be used**

For use in research and education at universities

**From where data/document is obtainable**

Dr mahnoush -Bushehr University of Medical Sciences-  
Bahmani-Salman Farsi

St.alikhaleidi1404@gmail.com.reisi\_mr@yahoo.com

**What processes are involved for a request to access data/document**

Request by using an official email is enough.

**Comments**