

# Clinical Trial Protocol

## Iranian Registry of Clinical Trials

26 Jun 2026

### The effectiveness of peer education on high-risk behavior, risk taking and participation in HIV screening test in transgenders

#### Protocol summary

##### Study aim

Determination of the effect of peer education on HIV related high risk behaviors, risk taking and HIV screening test in male to female transgenders

##### Design

In this study 80 male to female transgenders who have inclusion criteria such as having a smartphone

##### Settings and conduct

The app will install on smartphones in school of behavioral sciences, Iran University of Medical Sciences. The data will collect by a smart phone app.

##### Participants/Inclusion and exclusion criteria

Male to Female transgenders who have smartphone and internet and HIV negative

##### Intervention groups

The intervention group will receive information about high risk behaviors, prevention skills and screening from their peers. The control group would not receive such information.

##### Main outcome variables

HIV related high risk behaviors Risk taking behaviors  
Screening test taking

#### General information

##### Reason for update

##### Acronym

##### IRCT registration information

IRCT registration number: **IRCT20100911004728N2**  
Registration date: **2018-01-16, 1396/10/26**  
Registration timing: **prospective**

Last update: **2018-01-16, 1396/10/26**

Update count: **0**

##### Registration date

2018-01-16, 1396/10/26

##### Registrant information

##### Name

Hadi Ranjbar

##### Name of organization / entity

Iran University of Medical Sciences

##### Country

Iran (Islamic Republic of)

##### Phone

+98 21 6650 6862

##### Email address

ranjbar.h@iums.ac.ir

##### Recruitment status

**Recruitment complete**

##### Funding source

##### Expected recruitment start date

2018-02-20, 1396/12/01

##### Expected recruitment end date

2018-09-22, 1397/06/31

##### Actual recruitment start date

empty

##### Actual recruitment end date

empty

##### Trial completion date

empty

##### Scientific title

The effectiveness of peer education on high-risk behavior, risk taking and participation in HIV screening test in transgenders

##### Public title

Effect of peer education on HIV related Behaviors

##### Purpose

Education/Guidance

##### Inclusion/Exclusion criteria

##### Inclusion criteria:

Being a transgender Having Smart phone Age above 18  
Male

##### Exclusion criteria:

HIV positive

##### Age

From **18 years** old to **65 years** old

**Gender**

Male

**Phase**

N/A

**Groups that have been masked**

- Outcome assessor
- Data analyser

**Sample size**

Target sample size: **80**

**Randomization (investigator's opinion)**

Randomized

**Randomization description**

Peer educators are randomly allocate into one of two groups by throwing coins. Elected transgender subjects will be grouped into two groups by random numbers table.

**Blinding (investigator's opinion)**

Single blinded

**Blinding description**

The data will be collected by a mobile app and the data analyzer do not have information about allocation process

**Placebo**

Not used

**Assignment**

Parallel

**Other design features**

**Secondary Ids**

empty

**Ethics committees**

**1**

**Ethics committee**

**Name of ethics committee**

Ethics committee of Iran University of Medical Sciences

**Street address**

Tehran Province, Tehran, Hemmat Highway

**City**

Tehran

**Province**

Tehran

**Postal code**

۱۴۴۹۶۱۴۵۳۵

**Approval date**

2017-09-18, 1396/06/27

**Ethics committee reference number**

IR.IUMS.REC 1396.96-01-121-29335

**Health conditions studied**

**1**

**Description of health condition studied**

HIV related high risk behaviors and test screening

**ICD-10 code**

Z11.4

**ICD-10 code description**

Encounter for screening for human immunodeficiency virus [HIV]

**Primary outcomes**

**1**

**Description**

HIV related risk behaviors

**Timepoint**

3 month after intervention

**Method of measurement**

Mobile App Questionnaire

**2**

**Description**

HIV Screening Test

**Timepoint**

3 month after intervention

**Method of measurement**

Mobile App Questionnaire

**3**

**Description**

HIV related behavioral risk taking

**Timepoint**

3 month after intervention

**Method of measurement**

Mobile App Questionnaire

**Secondary outcomes**

empty

**Intervention groups**

**1**

**Description**

Intervention group: Peer education of information about HIV related high risk behaviors and screening test

**Category**

Behavior

**2**

**Description**

Control group: Only Follow up by mobile App

**Category**

N/A

**Recruitment centers**

**1**

**Recruitment center**

**Name of recruitment center**

School of Behavioral Sciences & mental health - Iran  
Institute of Psychiatry

**Full name of responsible person**

Hadi Ranjbar

**Street address**

No 1, Shahid Mansouri Street, Niyayesh Street,  
Satarkhan Avenue,

**City**

Tehran

**Province**

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**Postal code**

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**Phone**

+98 21 6650 6862

**Email**

hadiranjbar@yahoo.com

Iran University of Medical Sciences

**Full name of responsible person**

Hadi Ranjbar

**Position**

Assistant Professor

**Latest degree**

Ph.D.

**Other areas of specialty/work**

Nursery

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**Fax**

**Email**

hadiranjbar@yahoo.com

## Sponsors / Funding sources

### 1

#### Sponsor

**Name of organization / entity**

Iran University of Medical Sciences

**Full name of responsible person**

Seyed Kazem Malakouti

**Street address**

Tehran, Hemmat Highway

**City**

Tehran

**Province**

Tehran

**Postal code**

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**Phone**

+98 21 8670 1021

**Email**

PR@iums.ac.ir

**Grant name**

**Grant code / Reference number**

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

Yes

**Title of funding source**

Iran 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**

## Person responsible for scientific inquiries

#### Contact

**Name of organization / entity**

Iran University of Medical Sciences

**Full name of responsible person**

Hadi Ranjbar

**Position**

Assistant Professor

**Latest degree**

Ph.D.

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## Person responsible for updating data

#### Contact

**Name of organization / entity**

Iran University of Medical Sciences

**Full name of responsible person**

Hadi Ranjbar

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Assistant Professor

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Ph.D.

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**Fax****Email**

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

Yes - There is a plan to make this available

**Study Protocol**

Yes - There is 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**

Yes - There is a plan to make this available

**Clinical Study Report**

Yes - There is a plan to make this available

**Analytic Code**

Undecided - It is not yet known if there will be a plan to make this available

**Data Dictionary**

Undecided - It is not yet known if there will be a plan to make this available

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

All of the individual participant data collected during the trial, after deidentification

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

Immediately following publication. No end date.

**To whom data/document is available**

Anyone who wishes to access the data.

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

To gain access, data requestors will need to sign a data access agreement. The data is available for any purpose.

**From where data/document is obtainable**

All applications should be sent to  
hadiranjbar@yahoo.com

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

All requests will be answered within a maximum of one month by email.

**Comments**