

# Clinical Trial Protocol

## Iranian Registry of Clinical Trials

18 Jun 2026

### The effectiveness of cognitive-behavioral group therapy on sexual wording, sexual role, stereotypes about sexual issues and life orientation among female in comparison with the control group

#### Protocol summary

##### Study aim

The effectiveness of cognitive-behavioral group therapy on sexual wording, sexual role, stereotypes about sexual issues and life orientation among female high school adolescents in Tehran and Mashhad in comparison with the control group

##### Design

Clinical trial with control group and intervention with non-cornered parallel groups were randomly selected (cluster sampling)

##### Settings and conduct

5 high schools in Mashhad and 5 high schools in Tehran They answered the questionnaires of Sirvanovski and Anderson's gender schemas, life orientation, Bam sexual role, and stereotypes about sexual issues. Multivariate analysis of covariance was used to analyze the data

##### Participants/Inclusion and exclusion criteria

Female gender. - Age range 15 to 17 years. - Declaration of written consent No entry conditions: Consumption of medical and psychiatric drugs - Having severe depression and having serious suicidal thoughts Having criteria for diagnosing sexual identity disorders - Drug abuse Having an illness or physical problem that prevents you from attending meetings and understanding the content Absence of intervention sessions for two sessions Receive any other treatment during the intervention period - Repetition of educational background

##### Intervention groups

The present study included 119 female students in Mashhad and 131 female students in Tehran who were selected by cluster sampling method and randomly assigned to two groups in Mashhad and Tehran at the same time and to Sirvanovski and Gender Schemas questionnaires. Anderson, life orientation, Bam sexual role, and stereotypes about sexual issues responded

##### Main outcome variables

Sirvanovsky and Anderson Gender Schemas  
Questionnaires will be completed before and after the sessions

#### General information

##### Reason for update

##### Acronym

##### IRCT registration information

IRCT registration number: **IRCT20101130005280N45**

Registration date: **2022-01-22, 1400/11/02**

Registration timing: **prospective**

Last update: **2022-01-22, 1400/11/02**

Update count: **0**

##### Registration date

2022-01-22, 1400/11/02

##### Registrant information

##### Name

Raheleh Nejati

##### Name of organization / entity

Mashhad University of Medical Scinces, Ibn-e- Sina  
Psychiatric Hospital

##### Country

Iran (Islamic Republic of)

##### Phone

+98 51 3711 2540

##### Email address

nejatir2@mums.ac.ir

##### Recruitment status

**Recruitment complete**

##### Funding source

##### Expected recruitment start date

2022-01-25, 1400/11/05

##### Expected recruitment end date

2022-07-27, 1401/05/05

**Actual recruitment start date**

empty

**Actual recruitment end date**

empty

**Trial completion date**

empty

**Scientific title**

The effectiveness of cognitive-behavioral group therapy on sexual wording, sexual role, stereotypes about sexual issues and life orientation among female in comparison with the control group

**Public title**

The effectiveness of cognitive-behavioral group therapy

**Purpose**

Diagnostic

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

Gender only girls Age range 17-15 Written consent of the student and his / her parents to conduct the research

**Exclusion criteria:**

Consumption of medical and psychiatric drugs Having severe depression and having serious suicidal thoughts Having criteria for diagnosing sexual identity disorders Drug abuse Having an illness or physical problem that prevents you from attending meetings and understanding the content Absence of intervention sessions for two sessions Receive any other treatment during the intervention period Repetition of basic education

**Age**

From **15 years** old to **17 years** old

**Gender**

Female

**Phase**

N/A

**Groups that have been masked**

*No information*

**Sample size**

Target sample size: **240**

**Randomization (investigator's opinion)**

Randomized

**Randomization description**

First, using cluster sampling of 5 high schools in Mashhad, 30 people from each high school were randomly selected and after reviewing the inclusion and exit criteria, finally 120 people entered the study and were sent to experimental groups ( 5 groups of 12 people (n = 60) and control (n = 60) were assigned.

**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 Islamic Azad University, Neyshabur

**Street address**

Razavi Khorasan Province, Neyshabur, Some Rd

**City**

Neyshabur

**Province**

Razavi Khorasan

**Postal code**

051 4262 1901

**Approval date**

2019-05-02, 1398/02/12

**Ethics committee reference number**

IR.IAU.NEYSHABUR.REC.1398.014

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

Sexual issues and life orientation

**ICD-10 code****ICD-10 code description****Primary outcomes****1****Description**

Questionnaire Sirvanovsky and Anderson Gender Schemas Questionnaire to be completed by students

**Timepoint**

Gender schema is completed before and after sessions

**Method of measurement**

Multivariate analysis of covariance is used to analyze the data

**Secondary outcomes**

empty

**Intervention groups****1****Description**

Intervention group:119 people were selected by cluster sampling method and randomly divided into two groups (56 people) (60 people) n in Mashhad and answered the questionnaires of Sirvanovski and Anderson gender schemas, life orientation, Bam sexual role and stereotypes about sexual issues.

**Category**

Diagnosis

## 2

### Description

Control group: 131 people were assigned to two groups (59 people) (72 people) in Tehran and answered the questionnaires of Sirvanovski and Anderson gender schemas, life orientation, Bam sexual role and stereotypes about sexual issues.

### Category

Diagnosis

## Recruitment centers

### 1

#### Recruitment center

##### Name of recruitment center

Islamic Azad University of Neyshabur (IAUN)

##### Full name of responsible person

Hamideh Alizadeh

##### Street address

Razavi Khorasan Province, Neyshabur, Some Rd

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hamidehalizadeh90@gmail.com

## Sponsors / Funding sources

### 1

#### Sponsor

##### Name of organization / entity

Islamic Azad University

##### Full name of responsible person

Hossein Share

##### Street address

Khorasan Razavi Province, Neishabour, Research Blvd., Islamic Azad University Complex, Neishabour Branch

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##### Grant name

##### Grant code / Reference number

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

Yes

##### Title of funding source

Islamic Azad University

##### 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

Islamic Azad University

##### Full name of responsible person

Hamideh Alizadeh

##### Position

Masters

##### Latest degree

Master

##### Other areas of specialty/work

Psychology

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## Person responsible for scientific inquiries

#### Contact

##### Name of organization / entity

Islamic Azad University

##### Full name of responsible person

Hossein Shareh

##### Position

Assistant Professor

##### Latest degree

Ph.D.

##### Other areas of specialty/work

Psychology

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## Person responsible for updating data

### Contact

**Name of organization / entity**  
Islamic Azad University  
**Full name of responsible person**  
Hamideh Alizadeh  
**Position**  
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**Latest degree**  
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**Other areas of specialty/work**  
Psychology  
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Razavi Khorasan

## 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

Undecided - It is not yet known if there will be 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