Clinical Trial Protocol
Iranian Registry of Clinical Trials

20 Sep 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)

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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

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Sponsors / Funding sources

1

Sponsor

Name of organization / entity
Islamic Azad University

Full name of responsible person
Hossein Share

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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

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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