

Clinical Trial Protocol

Iranian Registry of Clinical Trials

03 Jul 2026

The effect of group education versus no education on sexual knowledge and attitude of student girls at high-risk of sexual behavior: a randomized clinical trial

Protocol summary

Summary

Objectives: To assess the effect of group education versus no education on sexual knowledge and attitude of student girls at high-risk of sexual behavior. Design: a randomized clinical trial. Setting and conduct: The eligible student girls at high-risk of sexual behavior who are educating at Hamadan University of Medical Sciences during the study period will be enrolled into the trial. Inclusion criteria: age of 18 to 20 years; first year student; single; mild to moderate score of knowledge and attitude. Exclusion criteria: having physical or mental diseases; absence of educational sessions more than one session. Intervention group: Educational session 90 minutes twice a week for 3 weeks. Control group: No education. Primary outcome: Assessing the sexual knowledge and attitude of student before and after education using standard questionnaire. Secondary outcome: Nothing. Randomization: The patients will be randomly assigned to intervention and control groups using block randomization. Blinding: Not possible.

General information

Acronym

IRCT registration information

IRCT registration number: **IRCT201610039014N120**

Registration date: **2016-10-13, 1395/07/22**

Registration timing: **prospective**

Last update:

Update count: **0**

Registration date

2016-10-13, 1395/07/22

Registrant information

Name

Jalal Poorolajal

Name of organization / entity

Department of Epidemiology & Biostatistics Hamadan University of Medical Sciences

Country

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Recruitment status

Recruitment complete

Funding source

Vice-chancellor for Research the Technology, Hamadan University of Medical Sciences

Expected recruitment start date

2016-10-22, 1395/08/01

Expected recruitment end date

2017-10-23, 1396/08/01

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

The effect of group education versus no education on sexual knowledge and attitude of student girls at high-risk of sexual behavior: a randomized clinical trial

Public title

The effect of group education versus no education on sexual knowledge and attitude of student girls at high-risk of sexual behavior

Purpose

Prevention

Inclusion/Exclusion criteria

Inclusion criteria: age of 18 to 20 years; first year

student; single; mild to moderate score of knowledge and attitude. Exclusion criteria: having physical or mental diseases; absence of educational sessions more than one session.

Age

From **18 years** old to **20 years** old

Gender

Female

Phase

N/A

Groups that have been masked

No information

Sample size

Target sample size: **100**

Randomization (investigator's opinion)

Randomized

Randomization description

Blinding (investigator's opinion)

Not blinded

Blinding description

Placebo

Not used

Assignment

Parallel

Other design features

Randomization: The patients will be randomly assigned to intervention and control groups using block randomization. Blinding: Not possible.

Secondary Ids

empty

Ethics committees

1

Ethics committee

Name of ethics committee

Ethics Committee of Hamadan University of Medical Sciences

Street address

Vice-chancellor for Research the Technology,
Hamadan University of Medical Sciences, Shahid
Fahmideh Ave

City

Hamadan

Postal code

6517838695

Approval date

2016-07-16, 1395/04/26

Ethics committee reference number

IR.UMSHA.REC.1395.221

Health conditions studied

1

Description of health condition studied

student girls at high-risk of sexual behavior

ICD-10 code

Z72.5

ICD-10 code description

High-risk sexual behaviour

Primary outcomes

1

Description

Assessing the sexual knowledge and attitude of student

Timepoint

Before and after education

Method of measurement

Using standard questionnaire

Secondary outcomes

1

Description

Nothing

Timepoint

Nothing

Method of measurement

Nothing

Intervention groups

1

Description

Educational session 90 minutes twice a week for 3 weeks

Category

Other

2

Description

No education

Category

Other

Recruitment centers

1

Recruitment center

Name of recruitment center

Hamadan University of Medical Sciences

Full name of responsible person

Satari Mahtab

Street address

Hamadan University of Medical Sciences, Shahid
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Sponsors / Funding sources

1

Sponsor

Name of organization / entity

Vice-chancellor for Research the Technology,
Hamadan University of Medical Sciences

Full name of responsible person

Dr Saeid Bashirian

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Hamadan University of Medical Sciences, Shahid
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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

Vice-chancellor for Research the Technology, Hamadan
University of Medical Sciences

Proportion provided by this source

100

Public or private sector

empty

Domestic or foreign origin

empty

Category of foreign source of funding

empty

Country of origin**Type of organization providing the funding**

empty

Person responsible for general inquiries

Contact**Name of organization / entity**

School of Nursing and Midwifery

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Satari Mahtab

Position

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Web page address

Sharing plan

Deidentified Individual Participant Data Set (IPD)

empty

Study Protocol

empty

Statistical Analysis Plan

empty

Informed Consent Form

empty

Clinical Study Report

empty

Analytic Code

empty

Data Dictionary

empty