

Clinical Trial Protocol

Iranian Registry of Clinical Trials

18 Jun 2026

A comparative study of the effect of two educational methods (pamphlet and virtual video) on the level of awareness of coping strategies with corona virus in high school students

Protocol summary

Study aim

The effect of two educational methods (pamphlet and virtual network) on the level of knowledge of coping strategies with coronavirus in female high school students in Birjand

Design

Among the volunteer students, an equal number of groups will be trained through pamphlets, another group will be trained through video (multimedia) and another group will be considered as a control group. After that, the level of students' knowledge in all three groups will be measured using a standard knowledge questionnaire. Then educational interventions will be performed on students participating in the study with the same content. Then, one month after the intervention in all three groups, their knowledge will be measured. The video content that will be presented in cyberspace for the students of the intervention type 2 will be completely identical with the content of the pamphlets intended for the students of the intervention group 1. But for the control group, no intervention including the pamphlet And multimedia will not take place in cyberspace

Settings and conduct

Birjand girls' high schools Double-blind study on study participants and evaluators

Participants/Inclusion and exclusion criteria

Female high school students and the condition of not entering, unwillingness to participate in the study

Intervention groups

Video training group: In this group, students receive the necessary training by four educational videos prepared during four weeks. Pamphlet educational group: In this group, students will receive pamphlets with the same educational content as the educational videos for four weeks. Control group: This group will not be trained with any educational intervention and will be released until the end of the study

Main outcome variables

Students' knowledge about Covid-19

General information

Reason for update

Acronym

IRCT registration information

IRCT registration number: **IRCT20150405021601N2**

Registration date: **2021-08-18, 1400/05/27**

Registration timing: **prospective**

Last update: **2021-08-18, 1400/05/27**

Update count: **0**

Registration date

2021-08-18, 1400/05/27

Registrant information

Name

freshteh osmani

Name of organization / entity

tarbiat modares

Country

Iran (Islamic Republic of)

Phone

+98 21 8288 4535

Email address

f.osmani@modares.ac.ir

Recruitment status

Recruitment complete

Funding source

Expected recruitment start date

2021-09-01, 1400/06/10

Expected recruitment end date

2021-11-22, 1400/09/01

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

A comparative study of the effect of two educational methods (pamphlet and virtual video) on the level of awareness of coping strategies with corona virus in high school students

Public title

Evaluation of the effect of education on knowledge of coping strategies with coronavirus in high school students

Purpose

Education/Guidance

Inclusion/Exclusion criteria**Inclusion criteria:**

Female high school students

Exclusion criteria:**Age**

From **12 years** old to **18 years** old

Gender

Female

Phase

N/A

Groups that have been masked

- Participant
- Outcome assessor
- Data analyser
- Data and Safety Monitoring Board

Sample size

Target sample size: **300**

Randomization (investigator's opinion)

Randomized

Randomization description

The list of female high schools in the city is prepared. Coincidentally, a school of teachers is selected from each area of the city. A class is randomly selected from each school and the list of students of that class is prepared and coded. Using a table of random numbers, 300 students are selected and placed in three groups: educational video, pamphlet and control group.

Blinding (investigator's opinion)

Double blinded

Blinding description

Participants will be unaware of the intervention of other groups Also, evaluators and analysts will not know the type of group of participants and will be identified by coding

Placebo

Not used

Assignment

Parallel

Other design features**Secondary Ids**

empty

Ethics committees**1****Ethics committee****Name of ethics committee**

Ethics Committee of Birjand University of Medical Sciences

Street address

School of Paramedical Sciences, Birjand University of Medical Sciences, Ghaffari Ave., Birjand, Iran

City

birjand

Province

South Khorasan

Postal code

9717431857

Approval date

2020-08-03, 1399/05/13

Ethics committee reference number

IR.BUMS.REC.1399.185

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

Awareness of female high school students

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

Knowledge score

Timepoint

Before the intervention and after the intervention, which is done within a month

Method of measurement

questionnaire

Secondary outcomes

empty

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

Intervention group 1: Education through pamphlets designed based on health protocols provided by the World Health Organization with content similar to the videos prepared in the virtual network will be provided to the students of this intervention group four times.

Category

Behavior

2

Description

Intervention group 2: Education through videos prepared based on health protocols provided by the World Health Organization with the same content as the pamphlets prepared, which will be provided to the students of this intervention group in the virtual network four times.

Category

Other

3

Description

Control group: In this group, students will not receive any special training methods and will be left until the end of the study without any intervention.

Category

N/A

Recruitment centers

1

Recruitment center

Name of recruitment center

Girl high school

Full name of responsible person

Zahra Janbani

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School of Paramedical Sciences, Birjand University of Medical Sciences, Ghaffari Ave, Birjand, Iran

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z.janbani@gmail.com

Sponsors / Funding sources

1

Sponsor

Name of organization / entity

Birjand University of Medical Sciences

Full name of responsible person

Dr. Toba. Kazemi

Street address

Birjand University of Medical Sciences, Ghaffari Ave, Birjand, Iran

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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

Birjand 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

Birjand University of Medical Sciences

Full name of responsible person

freshteh osmani

Position

Assistant professor

Latest degree

Ph.D.

Other areas of specialty/work

Biostatistics

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Position

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Person responsible for updating data

Contact

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Sharing plan

Deidentified Individual Participant Data Set (IPD)

No - There is not a plan to make this available

Justification/reason for indecision/not sharing IPD

There is no more information

Study Protocol

No - There is not a plan to make this available

Statistical Analysis Plan

No - There is not a plan to make this available

Informed Consent Form

No - There is not a plan to make this available

Clinical Study Report

No - There is not a plan to make this available

Analytic Code

No - There is not a plan to make this available

Data Dictionary

Not applicable