Clinical Trial Protocol
Iranian Registry of Clinical Trials

13 Nov 2026

A comparative study of the effect of two educational methods (pamphlet and virtual viedio) 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)

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+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 viedio) 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

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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

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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