Clinical Trial Protocol
Iranian Registry of Clinical Trials

22 Nov 2026

Effect of cooperative learning on reduce addiction tendency and readiness of high school students

Protocol summary

Study aim
Determine The effect of cooperative learning on reduce addiction tendency and readiness of high school students in Mashhad

Design
An interventional study with a control group of 60 subjects, non-randomized, Not blind

Settings and conduct
In this study, two randomly selected schools will be selected by non-random sampling method from second-level schools, which will be necessary for the implementation of the program, and then the two schools will be divided into two groups of test and control by drawing method and 60 Students will be selected. The intervention group will be placed in the classroom environment for four weeks in four class sessions after obtaining parental consent and performing a pre-test. An educational program based on participatory learning in the intervention group, including awareness of addiction (consequences and effects of physical, psychological, social, and economic), effective communication skills and non-communicative skills will be implemented. The lecture method is also used for the control group

Participants/Inclusion and exclusion criteria
High School Girl Student. Do not have a history of drug abuse prevention training.

Intervention groups
The intervention group will be in the classroom for four weeks in four 90-minute sessions. An educational program based on cooperative learning, including awareness of addiction (consequences and effects of physical, psychological, social, and economic), effective communication skills and non-communicative skills will be implemented. The lecture method is also used for the control group.

Main outcome variables
cooperative learning; Score addiction tendency; Score addiction readiness

General information

Reason for update

Acronym

IRCT registration information
IRCT registration number: **IRCT20180912041015N1**
Registration date: **2018-09-25, 1397/07/03**
Registration timing: **prospective**

Last update: **2018-09-25, 1397/07/03**
Update count: **0**

Registration date
2018-09-25, 1397/07/03

Registrant information

Name
Reihaneh Ansarimohseni

Name of organization / entity

Country
Iran (Islamic Republic of)

Phone
+98 51 3851 0846

Email address
ansarimr941@mums.ac.ir

Recruitment status
Recruitment complete

Funding source

Expected recruitment start date
2018-10-22, 1397/07/30

Expected recruitment end date
2018-12-21, 1397/09/30

Actual recruitment start date
empty

Actual recruitment end date
empty

Trial completion date
empty

Scientific title

Effect of cooperative learning on reduce addiction tendency and readiness of high school students

Public title
Effect of cooperative learning on reduce addiction tendency and readiness
Purpose
Education/Guidance
Inclusion/Exclusion criteria
Inclusion criteria:
High School Girl Student
Exclusion criteria:
Do not have a history of drug abuse prevention training
Age
From **15 years** old to **19 years** old
Gender
Female

Phase
N/A
Groups that have been masked
No information
Sample size
Target sample size: **60**
Randomization (investigator's opinion)
Not randomized
Randomization description
Blinding (investigator's opinion)
Not blinded
Blinding description
Placebo
Not used
Assignment
Single
Other design features

Secondary Ids

empty

Ethics committees

1

Ethics committee
Name of ethics committee
Ethics committee of Mashhad University of Medical Sciences
Street address
Daneshgah Street;across the street 18; Mashhad University of Medical Sciences
City
Mashhad
Province
Razavi Khorasan
Postal code
91357345
Approval date
2018-06-01, 1397/03/11
Ethics committee reference number
IR.MUMS.REC.1397.068

Health conditions studied

1

Description of health condition studied
Addiction tendency and readiness
ICD-10 code
ICD-10 code description

Primary outcomes

1

Description
Addiction tendency and readiness
Timepoint
Before the intervention and one month after the intervention
Method of measurement
Questionnaire on addiction tendency and addiction readiness questionnaire (Zargar 2006)

Secondary outcomes

empty

Intervention groups

1

Description
Intervention group: Cooperative learning
Category
Other

2

Description
Control group: Lecture
Category
Other

Recruitment centers

1

Recruitment center
Name of recruitment center
Department of Education of Mashhad
Full name of responsible person
Mr. Amani
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Imam Khomeini Street, Department of Education of Mashhad
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Sponsors / Funding sources

1

Sponsor
Name of organization / entity
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Full name of responsible person
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vcresearch@mums.ac.ir
Grant name
Grant code / Reference number
Is the source of funding the same sponsor organization/entity?
Yes
Title of funding source
Mashhad 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
Mashhad University of Medical Sciences
Full name of responsible person
Masoud Zare
Position
teacher
Latest degree
Master
Other areas of specialty/work
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Sharing plan

Deidentified Individual Participant Data Set (IPD)
Yes - There is a plan to make this available
Study Protocol
Yes - There is a plan to make this available
Statistical Analysis Plan
Yes - There is a plan to make this available
Informed Consent Form
Yes - There is a plan to make this available
Clinical Study Report
Yes - There is 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
Title and more details about the data/document
Some of the data, such as information on the main outcome or the like, can be shared.
When the data will become available and for how long
Start the access period 6 months after printing the results
To whom data/document is available
Researchers working in academic and Scientific institutions
Under which criteria data/document could be used
is not allowed
From where data/document is obtainable
ZareMD@mums.ac.ir ansarimr941@mums.ac.ir
What processes are involved for a request to access data/document
Submit an application by email, explain the reason for using the documentation, review the research team(Up to one month after request)
Comments