

Clinical Trial Protocol

Iranian Registry of Clinical Trials

12 Sep 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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9133714165

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prm@medu.ir

Sponsors / Funding sources

1

Sponsor

Name of organization / entity
Mashhad University of Medical Sciences
Full name of responsible person
Mohsen Tafaghodi
Street address
Daneshgah Street, opposite Daneshgah Street 18
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9137913199
Phone
+98 51 3841 2081
Email
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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Email
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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