

# Clinical Trial Protocol

## Iranian Registry of Clinical Trials

30 Jun 2026

### Evaluate the impact of mothers education in the context of computer games on aggressive behavior of male students in the 4th grade of elementary schools in with using the theory of planned behavior

#### Protocol summary

##### Summary

The aim of the study was to assess the effects of mother's education about video games and its effect on aggressive behavior of primary students in Shiraz, by the theory of planned behavior. Design: A randomized controlled trial. Setting and sampling: Overall, 180 eligible mothers in strict 2 and 4 of Shiraz will be randomly allocated to intervention and control groups. Inclusion criteria included the mothers that their boys played video game and exclusion criteria included unwilling of mothers to cooperate. Intervention was delivered in 4 sessions. Each session lasted about 2 hours. Outcomes were measured at baseline, 1 week, and 1 month after the intervention. Finally, the effect of interventional plan on student's aggressive was evaluated.

#### General information

##### Acronym

##### IRCT registration information

IRCT registration number: **IRCT2013101415015N1**

Registration date: **2015-03-05, 1393/12/14**

Registration timing: **retrospective**

Last update:

Update count: **0**

##### Registration date

2015-03-05, 1393/12/14

##### Registrant information

###### Name

Leila Ghahremani

###### Name of organization / entity

Shiraz University of Medical Sciences

###### Country

Iran (Islamic Republic of)

##### Phone

+98 71 1725 1001

##### Email address

ghahramanl@sums.ac.ir

##### Recruitment status

**Recruitment complete**

##### Funding source

Shiraz University of Medical Sciences

##### Expected recruitment start date

2013-11-21, 1392/08/30

##### Expected recruitment end date

2014-02-19, 1392/11/30

##### Actual recruitment start date

empty

##### Actual recruitment end date

empty

##### Trial completion date

empty

##### Scientific title

Evaluate the impact of mothers education in the context of computer games on aggressive behavior of male students in the 4th grade of elementary schools in with using the theory of planned behavior

##### Public title

Evaluation of aggressive behavior in boy's students in the 4th grade of elementary schools

##### Purpose

Prevention

##### Inclusion/Exclusion criteria

Inclusion criteria: Mothers of male students in the 4th grade of elementary schools in the city of Shiraz; The presence continuous in educational programs continuous presence and continuous training ; Do computer games (more than 6 hours per week) by students. Exclusion criteria: Having more than one session or more absences in classes; Mothers who have participated in the pretest

but not the post-test; Mothers who their children do not do computer games.

**Age**

No age limit

**Gender**

Male

**Phase**

N/A

**Groups that have been masked**

No information

**Sample size**

Target sample size: **170**

**Randomization (investigator's opinion)**

Randomized

**Randomization description****Blinding (investigator's opinion)**

Not blinded

**Blinding description****Placebo**

Not used

**Assignment**

Parallel

**Other design features****Secondary Ids**

empty

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

Ethics committee of Shiraz University of Medical Sciences

**Street address**

Zand St, Central building of Shiraz University of Medical Sciences

**City**

Shiraz

**Postal code**

71345-1978

**Approval date**

2013-10-12, 1392/07/20

**Ethics committee reference number**

CT-92-6725

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

Relationship mother's education education in the context of computer games on aggressive behavior of boy's students school

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

The impact of mothers education about video games and its effect on aggressive

**Timepoint**

One weeks and 1 month after Intervention

**Method of measurement**

Questionnaire

**Secondary outcomes****1****Description**

The impact of mothers education about video games and its effect on aggressive

**Timepoint**

One month after Intervention

**Method of measurement**

Questionnaire

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

Intervention group: training sessions will be done about Causes of Tendency children to computer games and Positive and negative effects one. The interventional group will be given booklet and pamphlet, also will be shown an instructional video.

**Category**

Prevention

**2****Description**

Control group: no intervention

**Category**

N/A

**Recruitment centers****1****Recruitment center****Name of recruitment center**

Montazeran Mahdi Elementary school

**Full name of responsible person****Street address**

Khaton Square, Shiraz

**City**

Shiraz

**2****Recruitment center****Name of recruitment center**

Sayad Elementary school

**Full name of responsible person**  
**Street address**  
Zand Street, Shiraz  
**City**  
Shiraz

## Sponsors / Funding sources

### 1

#### Sponsor

**Name of organization / entity**  
Shiraz University of Medical Sciences  
**Full name of responsible person**  
Dr Gholamreza Hatam  
**Street address**  
Zand St, Central building of Shiraz University of  
Medical Sciences  
**City**  
Shiraz

#### Grant name

#### Grant code / Reference number

#### Is the source of funding the same sponsor organization/entity?

Yes

#### Title of funding source

Shiraz 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**  
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## Person responsible for scientific inquiries

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## Person responsible for updating data

#### Contact

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**Email**  
**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*