

# Clinical Trial Protocol

## Iranian Registry of Clinical Trials

10 Jun 2026

### The Effect of combine Education methods on self efficacy and self-care oral health behavior among school children 6 to 12

#### Protocol summary

##### Summary

The aim of this study was to determine .The Effect of combine Education methods on self efficacy and self-care oral health behavior among school children 6 to 12 The study population included 60 primary school students is the city of Khomein. control group were 30 student selected of 2 school , case group were 30 student selected of 2 school , with educational content for control group is training by general plan of schools,case group is training by animation and game. was held in coordination with the managers of the schools. After three months apart at the end of the questionnaire in this regard by the participating students full training package given to the intervention group and the control group is given. Primary Outcome: adoption of preventive behaviors of decayed teeth and increase self efficacy and oral health behavior self care among students. Secondary outcomes: self care, Knowledge, Attitudes, behavior,self efficacy

#### General information

##### Acronym

##### IRCT registration information

IRCT registration number: **IRCT2017042133565N1**  
Registration date: **2017-05-17, 1396/02/27**  
Registration timing: **registered\_while\_recruiting**

Last update:

Update count: **0**

##### Registration date

2017-05-17, 1396/02/27

##### Registrant information

##### Name

Zahra sadat Hashemi

##### Name of organization / entity

Arak University of Medical Sciences

##### Country

Iran (Islamic Republic of)

##### Phone

+98 86 3368 6443

##### Email address

z.hashemi@arakmu.ac.ir

##### Recruitment status

**Recruitment complete**

##### Funding source

Arak University of Medical Sciences

##### Expected recruitment start date

2017-03-20, 1395/12/30

##### Expected recruitment end date

2018-03-20, 1396/12/29

##### Actual recruitment start date

empty

##### Actual recruitment end date

empty

##### Trial completion date

empty

##### Scientific title

The Effect of combine Education methods on self efficacy and self-care oral health behavior among school children 6 to 12

##### Public title

effect of oral health

##### Purpose

Prevention

##### Inclusion/Exclusion criteria

Inclusion criteria: primary school students of Khomein  
Exclusion criteria: absence of students in ongoing training sessions (absence of more than one session educational intervention); not wanting to continue the study

##### Age

From **6 years** old to **12 years** old

##### Gender

Both

## Phase

N/A

## Groups that have been masked

No information

## Sample size

Target sample size: 60

## 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

### 1

#### Registry name

-

#### Secondary trial Id

-

#### Registration date

empty

## Ethics committees

### 1

#### Ethics committee

##### Name of ethics committee

Arak university medical science

##### Street address

Arak-Sardasht

##### City

Arak

##### Postal code

#### Approval date

2017-03-06, 1395/12/16

#### Ethics committee reference number

IR.ARAKMU.REC.1395.446

## Health conditions studied

### 1

#### Description of health condition studied

dental caries

#### ICD-10 code

K02

#### ICD-10 code description

Dental caries

## Primary outcomes

### 1

#### Description

adoption of preventive behaviors of tooth decay among students

#### Timepoint

Before and after three month the intervention

#### Method of measurement

Questionnaire

## Secondary outcomes

### 1

#### Description

self care, knowledge, attitude, behavior, self efficacy

#### Timepoint

Before and after the intervention

#### Method of measurement

Questionnaire

## Intervention groups

### 1

#### Description

intervention group training to educational sessions about oral health self care by animation and game

#### Category

Lifestyle

### 2

#### Description

control group training to general education After three months apart at the end of the questionnaire in this regard by the participating students full training package given to the intervention group and the control group is given

#### Category

Lifestyle

## Recruitment centers

### 1

#### Recruitment center

##### Name of recruitment center

primery school in Khomein

##### Full name of responsible person

Mohammad Yarmohammadi

##### Street address

Shahid Beheshti Bolvar

##### City

Khomein

## Sponsors / Funding sources

### 1

#### Sponsor

Name of organization / entity

Arak University of Medical Sciences

**Full name of responsible person**

Dr Mohammad Rafie

**Street address**

Arak University of Medical Sciences, Basij Sq.,  
Sardashat, Arak

**City**

Arak

**Grant name**

**Grant code / Reference number**

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

Yes

**Title of funding source**

Arak 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**

Arak University of Medical Sciences

**Full name of responsible person**

Zahra Sadat Hashemi

**Position**

MSC

**Other areas of specialty/work**

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## Person responsible for scientific inquiries

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PhD

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## Person responsible for updating data

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**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*