

Clinical Trial Protocol

Iranian Registry of Clinical Trials

18 Sep 2026

The effect of two models of oral health education on knowledge of male elementary students

Protocol summary

Summary

Aim: comparison of oral hygiene instruction by a dentist or peer-led on oral health knowledge among male elementary students. Research design: male students in the last elementary class in two schools; one of the schools as control school(teaching by dentist) and another school as test school(teaching by peer-led) will be chosen if the volunteers accept to take part in the study. Intervention: teaching by dentist in the control group and by peer-led in the test group Time of intervention: after getting a pre-test, the education will be done in the study groups. Immediately after intervention and one month thereafter, the test will be done again. Outcome(s): It is expected at least similar improvement in oral health knowledge could be seen in the two study groups.

General information

Acronym

IRCT registration information

IRCT registration number: **IRCT2017081517053N7**

Registration date: **2017-08-28, 1396/06/06**

Registration timing: **retrospective**

Last update:

Update count: **0**

Registration date

2017-08-28, 1396/06/06

Registrant information

Name

Ferena Sayar

Name of organization / entity

Country

Iran (Islamic Republic of)

Phone

+98 21 2256 4571

Email address

f_sayar@dentaliau.ac.ir

Recruitment status

Recruitment complete

Funding source

By the researchers

Expected recruitment start date

2016-10-21, 1395/07/30

Expected recruitment end date

2017-01-19, 1395/10/30

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

The effect of two models of oral health education on knowledge of male elementary students

Public title

The effect of different oral health education on male elementary students.

Purpose

Prevention

Inclusion/Exclusion criteria

Male students at the last elementary class who agree to enter to the study.

Age

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

Gender

Male

Phase

N/A

Groups that have been masked

No information

Sample size

Target sample size: **120**

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**

Islamic Azad University, Dental Branch

Street address

10th Neyestan St., Pasdaran Ave.

City

Tehran

Postal code

19585175

Approval date

2017-03-12, 1395/12/22

Ethics committee reference number

IR.IAU.DENTAL.REC.1395,44

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

peer-led method

ICD-10 code

Z01.2

ICD-10 code description

dental examination

Primary outcomes**1****Description**

Knowledge

Timepoint

Baseline, immediately after education and 1 month later

Method of measurement

Exam marks

Secondary outcomes

empty

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

Control group: learning by dentist for 20 minutes.

Category

N/A

2**Description**

Intervention group: learning by peer-led for 20 minutes.

Category

Lifestyle

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

Islamic Azad University, Dental Branch

Full name of responsible person

Dr. Ferena Sayar

Street addressPeriodontics Department, 10th neyestan St.,
Pasdaran Ave.**City**

Tehran

Sponsors / Funding sources**1****Sponsor****Name of organization / entity**

Islamic Azad University, Dental Branch

Full name of responsible person

Dr. Arash Azizi

Street address

10th Neyestan St., Pasdaran Ave.

City

Tehran

Grant name**Grant code / Reference number****Is the source of funding the same sponsor organization/entity?**

Yes

Title of funding source

Islamic Azad University, Dental Branch

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

Islamic Azad University, Dental Branch

Full name of responsible person

Dr. Ferena Sayar

Position

Associate professor/ periodontist

Other areas of specialty/work**Street address**

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Full name of responsible person

Dr.Ferena Sayar

Position

MSc in periodontics

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Fax

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