

Clinical Trial Protocol

Iranian Registry of Clinical Trials

18 Sep 2026

Evaluation of an educational intervention of oral health for teachers on oral health behavior among primary school children

Protocol summary

Summary

Poor oral health could affect children's quality of life, process of learning in the school, and their success in the future; hence, it is very essential to promote school based oral health program. The aim of this study is to evaluate how an educational intervention on teachers may affect primary school children's oral health behavior. The main including criterion is participants' willingness to taking part in the project, and leaving the study is not forbidden. Primary school teachers are the first study population who are trained. Afterwards, they teach oral health to their students as the second population study. Knowledge, attitude and practice of parents about oral health will be assessed as well. Also, children's oral health behavior and oral health indicators are measured. Another including criterion is parents' satisfaction. Students who are afraid of oral examination are excluded from the study. A re-examination after a three-month period, and recording the oral health indices and oral health behaviors of students is planned. Results will be compared with the control groups.

General information

Acronym

IRCT registration information

IRCT registration number: **IRCT2013122615806N2**

Registration date: **2015-12-20, 1394/09/29**

Registration timing: **prospective**

Last update:

Update count: **0**

Registration date

2015-12-20, 1394/09/29

Registrant information

Name

Ahmad Jafari

Name of organization / entity

Tehran University of Medical Sciences

Country

Iran (Islamic Republic of)

Phone

+98 21 8801 5960

Email address

ajafari@tums.ac.ir

Recruitment status

Recruitment complete

Funding source

Tehran University of Medical Sciences, Saveh University of Medical Sciences

Expected recruitment start date

2016-01-01, 1394/10/11

Expected recruitment end date

2016-06-01, 1395/03/12

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

Evaluation of an educational intervention of oral health for teachers on oral health behavior among primary school children

Public title

Evaluation of an educational intervention for teachers on oral health behavior among primary school children

Purpose

Prevention

Inclusion/Exclusion criteria

Parent's permission and teachers' permission

Age

No age limit

Gender

Both

Phase

N/A

Groups that have been masked

No information

Sample size

Target sample size: 400

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**Research Center for Caries Prevention, Tehran
University of Medical sciences**Street address**Tehran University of Medical sciences, Enghelab Sq.,
Tehran**City**

Tehran

Postal code

1417614411

Approval date

2015-10-31, 1394/08/09

Ethics committee reference number

IR.TUMS.REC.1394.1061

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

Oral hygiene

ICD-10 code

Z13.8

ICD-10 code descriptionSpecial screening examination for other specified
diseases and disorders**Primary outcomes****1****Description**

Oral Hygiene Index (OHI)

Timepoint

At the starting of study a

Method of measurement

Observation

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

Students/ oral health behavior

Timepoint

At the end of study

Method of measurement

questionnaire

Intervention groups**1****Description**Students in intervention group will be educated by their
teachers on oral health.**Category**

Prevention

2**Description**Teachers are not involved in control group and students
will be educated routinely.**Category**

Prevention

Recruitment centers**1****Recruitment center****Name of recruitment center**Research Center for Caries Prevention, Tehran
University of Medical Sciences**Full name of responsible person**

Dr. A Jafari

Street addressTehran University of Medical Sciences, Enghelab Sq.,
Tehran**City**

Tehran

Sponsors / Funding sources**1****Sponsor****Name of organization / entity**Research Center for Caries Prevention, Tehran
University of Medical sciences**Full name of responsible person**

Dr. A Jafari

Street addressTehran University of Medical sciences, Enghelab Sq.,
Tehran

City
Tehran
Grant name
Grant code / Reference number
Is the source of funding the same sponsor organization/entity?
Yes
Title of funding source
Research Center for Caries Prevention, Tehran University of Medical sciences
Proportion provided by this source
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

2

Sponsor
Name of organization / entity
Saveh University of Medical sciences
Full name of responsible person
Jalil Kuhpayeh Zadeh
Street address
Shariati-Taleghani cross, Saveh
City
Saveh
Grant name
Grant code / Reference number
Is the source of funding the same sponsor organization/entity?
Yes
Title of funding source
Saveh University of Medical sciences
Proportion provided by this source
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
Research Center for Caries Prevention
Full name of responsible person
Dr. A Jafari
Position
Member
Other areas of specialty/work
Street address
Enghelab Sq., Tehran University of Medical sciences

City
Tehran
Postal code
1417614411
Phone
+98 21833
Fax
+98 21 8801 5961
Email
ajafari@tums.ac.ir
Web page address
<http://rccp.tums.ac.ir/fa/default.aspx>

Person responsible for scientific inquiries

Contact
Name of organization / entity
Research Center for Caries Prevention, Tehran University of Medical Sciences
Full name of responsible person
Dr. A Jafari
Position
Specialist in Pediatric Dentistry
Other areas of specialty/work
Street address
Tehran University of Medical sciences, Enghelab Sq., Tehran
City
Tehran
Postal code
1417614411
Phone
+98 21 8338 4138
Fax
+98 21 8801 5961
Email
ajafari@tums.ac.ir
Web page address
<http://rccp.tums.ac.ir/fa/default.aspx>

Person responsible for updating data

Contact
Name of organization / entity
Research Center for Caries Prevention, Tehran University of Medical sciences
Full name of responsible person
Dr. A Jafari
Position
Specialist in Pediatric Dentistry
Other areas of specialty/work
Street address
Tehran University of Medical sciences, Enghelab Sq., Tehran
City
Tehran
Postal code
1417614411
Phone
+98 21 8338 4138
Fax

+98 21 8801 5961

Email

ajafari@tums.ac.ir

Web page address

<http://tums.ac.ir/faculties/ajafari>

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