

Clinical Trial Protocol

Iranian Registry of Clinical Trials

06 Jul 2026

Comparative assessment of effect of traditional oral hygiene and halitosis-base education on oral hygiene indices in Yazd freshman high school students

Protocol summary

Summary

The aim is Comparison of the effects of education (Health education with or without learning about tooth decay or bad breath) in Motivating the promotion of oral health indicators in the first high school students in Yazd. A Single-blind randomized controlled study included 195 school students (girls and boys) is designed that have not known Respiratory diseases, gastrointestinal, renal, hepatic or acute dental caries. Demographic characteristics, health behaviors, modified gingival index and plaque index, halitosis rate and self- assessment of halitosis rate will register. The control group will receive only oral health education and The second group will receive oral health education and teaching about caries and periodontal diseases and third group will receive oral health education and teaching about halitosis. Examinations are repeated after 2 weeks and 2 months.

General information

Acronym

IRCT registration information

IRCT registration number: **IRCT2012122611888N1**

Registration date: **2013-08-04, 1392/05/13**

Registration timing: **retrospective**

Last update:

Update count: **0**

Registration date

2013-08-04, 1392/05/13

Registrant information

Name

Motahare Amiri

Name of organization / entity

Yazd Dental Faculty

Country

Iran (Islamic Republic of)

Phone

+98 35 1625 5881

Email address

motahare.amiri@ssu.ac.ir

Recruitment status

Recruitment complete

Funding source

Shahid Sadooghi Dental Faculty of Yazd

Expected recruitment start date

2013-04-04, 1392/01/15

Expected recruitment end date

2013-05-05, 1392/02/15

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

Comparative assessment of effect of traditional oral hygiene and halitosis-base education on oral hygiene indices in Yazd freshman high school students

Public title

Effect of oral hygiene education based on halitosis education on oral hygiene

Purpose

Prevention

Inclusion/Exclusion criteria

Inclusion criteria: freshman student Exclusion criteria: known Respiratory diseases; gastrointestinal; renal; hepatic ; acute dental caries

Age

From **15 years** old to **16 years** old

Gender

Both

Phase

N/A

Groups that have been masked

No information

Sample size

Target sample size: **195**

Randomization (investigator's opinion)

Randomized

Randomization description

Blinding (investigator's opinion)

Single blinded

Blinding description

Placebo

Not used

Assignment

Parallel

Other design features

Secondary Ids

empty

Ethics committees

1

Ethics committee

Name of ethics committee

Ethic committee of Yazd University of Medical Sciences

Street address

Bahonar Square

City

Yazd

Postal code

Approval date

2013-03-17, 1391/12/27

Ethics committee reference number

17/1/188715/پ

Health conditions studied

1

Description of health condition studied

halitosis

ICD-10 code

R19.6

ICD-10 code description

International Statistical Classification of Diseases and Related Health Problems 10th Revision

Primary outcomes

1

Description

halitosis

Timepoint

before intervention and 2 weeks and 2 months after

intervention

Method of measurement

smelling

2

Description

modified gingival index

Timepoint

before intervention and 2 weeks and 2 months after intervention

Method of measurement

modified gingival index by lobebe R.R method

3

Description

plaque index

Timepoint

before intervention and 2 weeks and 2 months after intervention

Method of measurement

by loe H, silness method

4

Description

self assesment of halitosis

Timepoint

before intervention and 2 weeks and 2 months after intervention

Method of measurement

one's speech

Secondary outcomes

empty

Intervention groups

1

Description

Intervention group: To one group be given oral hygiene education and training about halitosis at a meeting.

Category

Prevention

2

Description

Intervention group: To one group be given oral hygiene education and training about caries and gingival disease at a meeting.

Category

Prevention

3

Description

control group: To one group be given oral hygiene education at a meeting.

Category

Recruitment centers

1

Recruitment center

Name of recruitment center

Vaziri high school

Full name of responsible person

Hadi Taghvaei

Street address

Imam Street

City

Yazd

2

Recruitment center

Name of recruitment center

Entezari high school

Full name of responsible person

Ghazanfar Jafarpour

Street address

Khayam Street, BLV of Dahe fajr

City

Yazd

3

Recruitment center

Name of recruitment center

Dr. Batool Imamhoseini high school

Full name of responsible person

Farahnaz emadi

Street address

BLV of Dahe fajr

City

Yazd

4

Recruitment center

Name of recruitment center

Meshkat high school

Full name of responsible person

Parvin Abooei

Street address

BLV of Modares, Shohada Mehrab Square

City

Yazd

5

Recruitment center

Name of recruitment center

Fatemieh high school

Full name of responsible person

Marieh Taheri

Street address

Mahdi Street

City

Yazd

6

Recruitment center

Name of recruitment center

markar high school

Full name of responsible person

Street address

City

yazd

Sponsors / Funding sources

1

Sponsor

Name of organization / entity

Dental Faculty

Full name of responsible person

Dr. Davari

Street address

Fazaie sabz

City

Yazd

Grant name

Grant code / Reference number

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

Yes

Title of funding source

Dental Faculty

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

Dental Faculty

Full name of responsible person

Motahare Amiri

Position

Assistant professor of operative and cosmetic dentistry

Other areas of specialty/work

Street address

Fazaie sabz

City

Yazd

Postal code

Phone

+98 35 1625 5881

Fax

-

Email

motahare_amiri@yahoo.com

Web page address

-

Person responsible for scientific inquiries**Contact****Name of organization / entity**

Yazd Dental Faculty

Full name of responsible person

Motahare Amiri

Position

Assistant professor of operative and cosmetic dentistry

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

Fazaie sabz

City

Yazd

Postal code**Phone**

+98 35 1625 5881

Fax

-

Email

motahare_amiri@yahoo.com

Web page address

-

Person responsible for updating data**Contact****Name of organization / entity**

Yazd Dental Faculty

Full name of responsible person

Motahare Amiri

Position

assistant professor of operative and cosmetic dentistry

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

Fazaie sabz

City

Yazd

Postal code**Phone**

+98 35 1625 5881

Fax**Email**

motahare_amiri@yahoo.com

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