

Clinical Trial Protocol

Iranian Registry of Clinical Trials

28 Jul 2026

Evaluation of the effects of education based on Health Belief Model on promoting preventive behaviors for oral and dental problems in seventh-grade female students

Protocol summary

Summary

This study was conducted on seventh-grade female students in the city of Qom in 2016. An education zone was randomly selected from among different education zones; Then within schools two schools were randomly selected and were selected a total of 100 on seventh-grade students. Samples were divided randomly into two groups, control and intervention. The standard questionnaire related to the pattern of health believe in oral and dental health; was distributed between the members of both groups and with reference to schools, the information required of them gathered. Of - five interventions training session for forty five minutes each session was presented. Then after two months of intervention, questionnaire pattern of medical students. Entry criteria for students of this study include full satisfaction, and in the Sunni group, in the absence of a lack of training sessions, lack of physical and mental disabilities. The first session of education in connection with the importance of oral health, the second session in various with illnesses oral and the third session the severity and intensity of the problems and oral diseases, the fourth session of the education about the benefits of compliance with oral health and solutions to reduce the barriers related to comply with oral health and the fifth session in connection with the correct way to brush and using the Floss trained. After two months of training and sprinkle questionnaire carried out by the students collected data, using statistical software, analyzed.

General information

Acronym

IRCT registration information

IRCT registration number: **IRCT2016112130992N1**

Registration date: **2017-10-26, 1396/08/04**

Registration timing: **retrospective**

Last update:

Update count: **0**

Registration date

2017-10-26, 1396/08/04

Registrant information

Name

zahra vaezipour

Name of organization / entity

Qom University of Medical Sciences, the Faculty of Health

Country

Iran (Islamic Republic of)

Phone

+98 25 3881 1587

Email address

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Recruitment status

Recruitment complete

Funding source

Vice chancellor for research, Qom University of Medical Sciences, University of Medical Sciences, Justice Side, Saheli Avenue, Motahari Square, Qom

Expected recruitment start date

2016-09-22, 1395/07/01

Expected recruitment end date

2016-12-21, 1395/10/01

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

Evaluation of the effects of education based on Health Belief Model on promoting preventive behaviors for oral and dental problems in seventh-grade female students

Public title

Effect of intervention on improving preventive behaviors in Oral-dental problems

Purpose

Prevention

Inclusion/Exclusion criteria

Inclusion criteria: having a full satisfaction; with the minimum age for entering the study; in the absence of a lack of training sessions; a lack of physical and mental disability Exclusion criteria: aged over fourteen years; dissatisfaction to participate in training Sessions; in the absence of meetings; physical and mental disability

Age

From **12 years** old to **14 years** old

Gender

Female

Phase

2

Groups that have been masked

No information

Sample size

Target sample size: **100**

Randomization (investigator's opinion)

Not randomized

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

Not blinded

Blinding description**Placebo**

Not used

Assignment

Parallel

Other design features

Clinical trial non randomized

Secondary Ids

empty

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

Ethics committee of Qom University of Medical Sciences.

Street address

University of Medical Sciences, Justice Side, Saheli Avenue, Motahari Square, Qom

City

Qom

Postal code

3715614566

Approval date

2016-06-21, 1395/04/01

Ethics committee reference number

IR.MUQ.REC.1395.33

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

Oral and dental problems

ICD-10 code

z41

ICD-10 code description

Procedures for purposes other than remedying health state

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

Related behaviors and of string used to brush his teeth

Timepoint

Before the intervention and two months of intervention

Method of measurement

Standardized questionnaire Health Belief Model in oral and dental

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

Decay

Timepoint

Before the intervention and two Months of intervention

Method of measurement

Standardized questionnaire oral and dental health which was designed based on the health belief model

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

Intervention1- As a training session in the past five. Forty five minutes every training session. Every meeting on the basis of the pattern of health belief structures. The first meeting of the familiar, students and the building of a new and existing diseases due to its failure to comply with oral and dental health. The second session of the acquaintance students about the importance of compliance with oral and dental health and the possibility of oral and dental diseases. The third session of the familiarity with the deterioration of students and the magnitude of the problems and oral and dental diseases. Of the fourth session of the students ' familiarity with the observance of oral and dental health benefits and barriers reduction behaviors related to the oral and dental health. The fifth session; to increase the ability to observe the students oral and dental health and education of tooth brush and yarn.

Category

Prevention

2**Description**

Intervention2- In the control group not doing action.
Category
N/A

Recruitment centers

1

Recruitment center

Name of recruitment center

The Baraei primary school

Full name of responsible person

Zahra Vaezipour

Street address

The Baraei primary school, Twenty yards plant Purity,
Tohid, Qom

City

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Sponsors / Funding sources

1

Sponsor

Name of organization / entity

Vice chancellor for research, Qom University of
Medical Sciences

Full name of responsible person

Gharlipour Doctor

Street address

Vice chancellor for research, Qom University of
Medical Sciences, University of Medical Sciences,
Justice Side, Saheli Avenue, Motahari Square, Qom

City

Qom

Grant name

ندارد

Grant code / Reference number

ندارد

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

Yes

Title of funding source

Vice chancellor for research, Qom 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

Vice chancellor for research, Qom University of
Medical Sciences

Full name of responsible person

Gharlipour Doctor

Street address

Vice chancellor for research, Qom University of
Medical Sciences, University of Medical Sciences,
Justice Side, Saheli Avenue, Motahari Square, Qom

City

Qom

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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

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Full name of responsible person

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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