Clinical Trial Protocol
Iranian Registry of Clinical Trials

19 Sep 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

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zvaezipour@muq.ac.ir

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

Grant name

Grant code / Reference number

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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

Person responsible for general inquiries

Contact

Name of organization / entity

Qom University of Medical Sciences, The Faculty of Health

Full name of responsible person

Zahra Vaezipour

Position

Graduate student at the string of education, health and health promotion

Other areas of specialty/work

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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