Clinical Trial Protocol
Iranian Registry of Clinical Trials

17 Sep 2026

The effect of the education based on social cognitive theory in hand washing of Primary school students.

Protocol summary

Summary

The aim of this study is to evaluate The Effect of Education Based on social cognitive theory constructs on hand washing in elementary School girls in Mashhad. In this semi-experimental study, 68 elementary students from Two elementary schools, were divided into two groups of experimental and control group, according to random sampling.(34 in experimental group and 34 in control group) Inclusion criteria: Willingness to participate in the study; being a student of the third Grade. Exclusion criteria:The absence from the training session. Data were collected by researcher-made questionnaire included questions about demographics and constructs of social cognitive theory on hand washing. Theory-based education is performed for intervention group in 3 educational sessions (a total of 120 minutes). questionnaires were completed before training and 3 months later followed up and the results were compared to those of control group. Main outcome measure :Change in hand washing behavior.

General information

Acronym

IRCT registration information

IRCT registration number: **IRCT2016100428863N4**
Registration date: **2017-05-06, 1396/02/16**
Registration timing: **retrospective**

Last update:
Update count: **0**

Registration date

2017-05-06, 1396/02/16

Registrant information

Name

Nooshin Peyman

Name of organization / entity

Mashhad University of Medical Sciences

Country

Iran (Islamic Republic of)

Phone

+98 915 502 6195

Email address

peymann@mums.ac.ir

Recruitment status

Recruitment complete

Funding source

Vice Chancellor for research of mashhad University of Medical Sciences

Expected recruitment start date

2015-04-21, 1394/02/01

Expected recruitment end date

2015-08-01, 1394/05/10

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

The effect of the education based on social cognitive theory in hand washing of Primary school students.

Public title

The effect of the education in hand washing of Primary school students.

Purpose

Prevention

Inclusion/Exclusion criteria

Inclusion criteria: Students In primary school; Willingness to participate in research. Exclusion criteria: The absence of a training session

Age

From **8 years** old to **9 years** old

Gender

Female

Phase
N/A
Groups that have been masked
No information
Sample size
Target sample size: **68**
Randomization (investigator's opinion)
Randomized
Randomization description
Blinding (investigator's opinion)
Single blinded
Blinding description
Placebo
Not used
Assignment
Single
Other design features
Randomization method: Region 2 was chosen randomly among different education regions of Mashhad. Then, two elementary girls schools were chosen by lottery and divided into two groups of experimental and control group.

Secondary Ids

empty

Ethics committees

1

Ethics committee
Name of ethics committee
Ethics committee of mashhad University of Medical Sciences
Street address
Ghoraishy Building,University St
City
mashhad
Postal code
Approval date
2016-08-17, 1395/05/27
Ethics committee reference number
IR.MUMS.REC.1395.325

Health conditions studied

1

Description of health condition studied
Hand washing
ICD-10 code
ICD-10 code description

Primary outcomes

1

Description
social cognitive theory constructs(attitude, modeling, goal setting, social support , self-efficacy)
Timepoint
Before and three months after intervention
Method of measurement
The questionnaire based on social cognitive theory was created by the researcher

Secondary outcomes

1

Description
behavior of handwashing
Timepoint
Before and three months after intervention
Method of measurement
The questionnaire was created by the researcher

Intervention groups

1

Description
The implementation of three training sessions on handwashing (a total of 120 minutes)based on social cognitive theory
Category
Behavior

2

Description
Control group: no intervention
Category
N/A

Recruitment centers

1

Recruitment center
Name of recruitment center
primary school
Full name of responsible person
saeedeh fakehi khorasani
Street address
Imam Khomeini Avenue
City
mashhad

Sponsors / Funding sources

1

Sponsor
Name of organization / entity
Vice chancellor for research, Mashhad University of Medical Sciences
Full name of responsible person
mohsen tafaghodi
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Ghoraishy Building,University St
City

Mashhad

Grant name

Grant code / Reference number

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

Yes

Title of funding source

Vice chancellor for research, Mashhad University of Medical Sciences

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

Mashhad University of Medical Sciences

Full name of responsible person

saeedeh fakehi khorasani

Position

Masters student of Health Education 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