

Clinical Trial Protocol

Iranian Registry of Clinical Trials

26 Jun 2026

The effect of peer education based on health belief model on preventive behaviors of urinary tract infection in grade one high school female students of Shiraz, 2014

Protocol summary

Summary

This is a quasi-experimental study. Goal of the study was the determination of the effect of peer education based on health belief model on the preventive behaviors of urinary tract infection in grade one high school female students in the Shiraz. Participants (N=168) are selected by cluster and simple sampling method from 4 high schools and assigned into two groups: case and control groups (two groups of 84 each). After obtaining informed consent, researcher made questionnaire based on health belief model were completed by participants before the intervention. Inclusion criteria included enrollment in the first year of high school and agreement to participation in the study; while exclusion criteria included who had history of participation in educational classes about urinary tract infection; missed more than one session of classes and unwillingness to participate in the study. In the intervention group peer educator was selected based on their score in pretest and recommendation of their teachers, then participated in two-two hour session and then peer educator trained other students in two-one hour sessions. The participant of the control group received no intervention. The questionnaires completed by the participants of both groups immediately and one month after the intervention to ensure the sustainability of trainings. The study lasted for a three month period in both groups. Expected outcomes after intervention was that mean score of health behaviors in the intervention group compared to control group show a significant difference.

General information

Acronym

IRCT registration information

IRCT registration number: **IRCT201404167531N5**
Registration date: **2014-06-11, 1393/03/21**

Registration timing: **retrospective**

Last update:

Update count: **0**

Registration date

2014-06-11, 1393/03/21

Registrant information

Name

Iran Jahanbin

Name of organization / entity

University of Medical Sciences Shiraz

Country

Iran (Islamic Republic of)

Phone

+98 917 313 7399

Email address

jahanbii@sums.ac.ir

Recruitment status

Recruitment complete

Funding source

Shiraz University of Medical Sciences

Expected recruitment start date

2014-03-17, 1392/12/26

Expected recruitment end date

2014-05-16, 1393/02/26

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

The effect of peer education based on health belief model on preventive behaviors of urinary tract infection in grade one high school female students of Shiraz, 2014

Public title

The effect of peer education on prevention of urinary tract infection

Purpose

Prevention

Inclusion/Exclusion criteria

Inclusion criteria: Students must be enrolled in the first year of high school; Students must agree to participate in the study. Exclusion criteria: Students have history of participation in educational classes about urinary tract infection; Students have missed more than one session of classes; Students leave the participation in the study.

Age

From **14 years** old to **17 years** old

Gender

Female

Phase

N/A

Groups that have been masked

No information

Sample size

Target sample size: **168**

Randomization (investigator's opinion)

Not 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**

Shiraz University of Medical Sciences

Street address

Zand Blvd, Central building of Shiraz University of Medical Sciences

City

Shiraz

Postal code**Approval date**

2014-04-08, 1393/01/19

Ethics committee reference number

CT-92-6926

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

Urinary Tract Infection

ICD-10 code

N39.0

ICD-10 code description

urinary tract infection, site not specified

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

Preventive behaviors of urinary tract infection

Timepoint

before, immediately and one month after intervention

Method of measurement

researcher made questionnaire

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

knowledge & components of health belief model

Timepoint

before, immediately and one month after intervention

Method of measurement

researcher made questionnaire

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

Intervention group: educational classes about UTI & prevention of it, two sessions of two-hour class by researcher for peer educators and then they train other student in 2 one-hour sessions.

Category

Prevention

2**Description**

control group: without any intervention

Category

N/A

Recruitment centers**1****Recruitment center****Name of recruitment center**

Bentolhoda Sadr High School

Full name of responsible person

Mrs. khaledi

Street address

Panzdahe Khordad Crossroads, Havades Crossroads

City

Shiraz

2

Recruitment center

Name of recruitment center

Nejabat High School

Full name of responsible person

Mrs. Pezhman

Street address

Edalat Blvd.

City

Shiraz

3

Recruitment center

Name of recruitment center

Abalfazl (P.B.U.H) High School

Full name of responsible person

Mrs. Kazemi

Street address

Nasr Blvd. , Alley:34

City

Shiraz

4

Recruitment center

Name of recruitment center

Roghaye (P.B.U.H) High School

Full name of responsible person

Mrs. Doozande

Street address

Haftanan Blvd., Neyestan St.,Alley:8

City

Shiraz

Sponsors / Funding sources

1

Sponsor

Name of organization / entity

Shiraz University of Medical Sciences

Full name of responsible person

Dr. Sayed Basir Hashemi

Street address

Zand Blvd.Central building of Shiraz university of
Medical Sciences

City

Shiraz

Grant name**Grant code / Reference number****Is the source of funding the same sponsor organization/entity?**

Yes

Title of funding source

Shiraz 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**

Shiraz University of Medical Sciences

Full name of responsible person

Naval Heydari

Position

MSc. Student of community health nursing

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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