

Clinical Trial Protocol

Iranian Registry of Clinical Trials

21 Jun 2026

Comparison of the education effect about vaccination principle by peer education and common method in community health clinical education

Protocol summary

Summary

This is a quasi-experimental study. Goal of the study was the comparison of the education effect about vaccination principle by peer education and common method in community health clinical education. Participants (n=79) are selected by simple sampling method and assigned into two groups: case and control groups (36 persons in control group and 41 persons in intervention group). After obtaining informed consent, researchers made questionnaire based on references were completed by participants before the intervention. Inclusion criteria included enrollment in the second year of university and agreement to participation in the study; while exclusion criteria included who had history of participation in educational classes about vaccination; 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 instructors. Then peer educators trained by their instructors and educated 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 after the intervention.

General information

Acronym

IRCT registration information

IRCT registration number: **IRCT2016061227216N3**

Registration date: **2016-07-08, 1395/04/18**

Registration timing: **retrospective**

Last update:

Update count: **0**

Registration date

2016-07-08, 1395/04/18

Registrant information

Name

Fatemeh Vizeshfar

Name of organization / entity

Shiraz University of Medical Sciences

Country

Iran (Islamic Republic of)

Phone

+98 71 3647 4258

Email address

vizeshfarf@sums.ac.ir

Recruitment status

Recruitment complete

Funding source

Vice-Chancellor for Research and Technology Affairs,
Shiraz University of Medical Sciences

Expected recruitment start date

2015-03-21, 1394/01/01

Expected recruitment end date

2016-03-10, 1394/12/20

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

Comparison of the education effect about vaccination principle by peer education and common method in community health clinical education

Public title

Comparison of the education effect about vaccination principle

Purpose

Health service research

Inclusion/Exclusion criteria

Inclusioncriteria: nursing students studying in Shiraz University of Medical Sciences, obtaining community

nursing clinical training degree during 2015-2016;
willingness to participate in the study. Exclusion criteria:
unwillingness or inability to participate in the study.

Age

From **18 years** old to **22 years** old

Gender

Both

Phase

N/A

Groups that have been masked

No information

Sample size

Target sample size: **79**

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

Central building of Shiraz University of Medical
Sciences, Zand St., Shiraz

City

Shiraz

Postal code

14336 -71348

Approval date

2016-05-01, 1395/02/12

Ethics committee reference number

IR.SUMS.REC.1395.21

Health conditions studied

1

Description of health condition studied

vaccination principle education

ICD-10 code

Y59.9

ICD-10 code description

Vaccine or biological substance, unspecified

Primary outcomes

1

Description

Peer vaccination principle education

Timepoint

pre and post intervention

Method of measurement

pretest and post test

2

Description

vaccination principle education by small group discussion

Timepoint

pre and post intervention

Method of measurement

pretest and post test

Secondary outcomes

empty

Intervention groups

1

Description

In intervention group vaccination principle educated by
peer

Category

Other

2

Description

In control group vaccination principle educated by small
group discussion

Category

Other

Recruitment centers

1

Recruitment center

Name of recruitment center

Health Care center in Shiraz

Full name of responsible person

Fatemeh Vizeshfir

Street address

Nursing college, Namazi square

City

Shiraz

Sponsors / Funding sources

1

Sponsor

Name of organization / entity

Vice-Chancellor for Research and Technology Affairs

Full name of responsible person

Dr. Seyed Basir Hashemi

Street address

Shiraz University of Medical Sciences, Zand St.

City

Shiraz

Grant name

پژوهشی

Grant code / Reference number

10909

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

Yes

Title of funding source

Vice-Chancellor for Research and Technology Affairs

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

Fatemeh Vizeshfar

Position

Faculty member

Other areas of specialty/work

Street address

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Person responsible for updating data

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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