Clinical Trial Protocol
Iranian Registry of Clinical Trials

31 Oct 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 Vizeshfar

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

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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