

# Clinical Trial Protocol

## Iranian Registry of Clinical Trials

29 Jul 2026

### Comparison assessment about the effect of education about HPV and the vaccine on the knowledge and attitudes of healthcare workers and nursing students of Shiraz University of Medical Sciences

#### Protocol summary

##### Summary

This study aim to determine the effect of education about HPV virus and its vaccine on Knowledge and attitude of women health care staffs and girl nursing students of Shiraz University of Medical Sciences

Objectives: 1- Comparison means score of knowledge pre- post and 3 months after intervention between two groups. 2- Comparison means score of attitude pre- post and 3 months after intervention between two groups. 3- Comparison means difference score of knowledge pre- post, and 3 months after intervention between two groups. 4- Comparison means difference score of attitude pre- post, and 3 months after intervention between two groups 5- Determine correlation means of knowledge and attitude scores pre- post, and 3 months after intervention between two groups 6- Determine regression coefficient of knowledge scores and demographic characteristics 7- Determine regression coefficient of attitude scores and demographic characteristics

Outcome variables: Knowledge and attitude of participants

Inclusion criteria: • Girl • Nursing student in Shiraz University of Medical Sciences • Women health care Staffs of Shiraz University of Medical Sciences • Willingness to participate in the study

Exclusion criteria: • Dose not response to the questionnaire in any stage of study

Method: Design: Semi Experimental

Participants: Participants include 450 of Women health care staffs of Shiraz University of Medical Sciences and girl nursing students of Shiraz University of Medical Sciences. They will be selected by convenience sampling method. Then, they were randomly assigned to either the intervention or control group.

Intervention: The investigator led the one hour class for 2 sessions. After intervention and 3 months later, the participants of both groups will complete the questionnaire. Then, data will analyze with SPSS software.

#### General information

##### Acronym

Education about HPV virus

##### IRCT registration information

IRCT registration number: **IRCT2016040427216N1**

Registration date: **2016-05-27, 1395/03/07**

Registration timing: **registered\_while\_recruiting**

Last update:

Update count: **0**

##### Registration date

2016-05-27, 1395/03/07

##### Registrant information

###### Name

Fatemeh Vizehfar

###### Name of organization / entity

Shiraz University of Medical Sciences

###### Country

Iran (Islamic Republic of)

###### Phone

+98 71 3647 4258

###### Email address

vizehfarf@sums.ac.ir

##### Recruitment status

###### Recruitment complete

##### Funding source

Vice chancellor for research, Shiraz University of Medical Sciences

##### Expected recruitment start date

2016-04-20, 1395/02/01

##### Expected recruitment end date

2016-08-22, 1395/06/01

##### Actual recruitment start date

empty

##### Actual recruitment end date

empty

**Trial completion date**  
empty

**Scientific title**  
Comparison assessment about the effect of education about HPV and the vaccine on the knowledge and attitudes of healthcare workers and nursing students of Shiraz University of Medical Sciences

**Public title**  
comparison assessment about the effect of education about HPV and the vaccine

**Purpose**  
Health service research

**Inclusion/Exclusion criteria**  
Inclusion criteria: girl nursing student of Shiraz nursing college and health care personnel work in one of the health centers in the Shiraz city would like to participate in this study. Exclusion criteria: unwillingness or inability to participate in the study completed questionnaires after three months.

**Age**  
From **19 years** old to **60 years** old

**Gender**  
Female

**Phase**  
N/A

**Groups that have been masked**  
*No information*

**Sample size**  
Target sample size: **450**

**Randomization (investigator's opinion)**  
N/A

**Randomization description**

**Blinding (investigator's opinion)**  
Not blinded

**Blinding description**

**Placebo**  
Not used

**Assignment**  
Single

**Other design features**

## Secondary Ids

empty

## Ethics committees

### 1

**Ethics committee**

**Name of ethics committee**  
Shiraz University of Medical Sciences

**Street address**  
Shiraz University of Medical Sciences, Zand street

**City**  
Shiraz

**Postal code**  
13119

**Approval date**

2016-03-06, 1394/12/16

**Ethics committee reference number**  
IR.SUMS.REC.1394.224

## Health conditions studied

### 1

**Description of health condition studied**  
Human Papilloma Virus

**ICD-10 code**  
B97.7

**ICD-10 code description**  
Papilloma as the cause of disease classified to other chapter

## Primary outcomes

### 1

**Description**  
Knowldge

**Timepoint**  
Immediately after intervention and 3 month later

**Method of measurement**  
Questionnaire

### 2

**Description**  
Attitude

**Timepoint**  
Immediately after intervention and 3 month later

**Method of measurement**  
Questionnaire

## Secondary outcomes

empty

## Intervention groups

### 1

**Description**  
In intervention group two educational sessions will be done.each session 60 minutes duration.and with workshop method educated about HPV virus,pathogenecity,high risk group,complication and health problem,virus vaccine,advantage and disadvantage of HPV vaccine

**Category**  
Other

### 2

**Description**  
In control group no any education but in the end of study a booklet about educational material will be given

**Category**  
N/A

## Recruitment centers

1

### Recruitment center

**Name of recruitment center**

Health Center in Shiraz and Nursing Faculty

**Full name of responsible person**

Fatemeh Vizeshfir

**Street address**

Namazi square

**City**

Shiraz

## Sponsors / Funding sources

1

### Sponsor

**Name of organization / entity**

Shiraz University of Medical Sciences

**Full name of responsible person**

Dr. Seyed Basir Hashemi

**Street address**

Shiraz University of Medical Sciences, Zand street

**City**

Shiraz

**Grant name**

پژوهشی

**Grant code / Reference number**

10450

**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**

Fatemeh Vizeshfir

**Position**

Faculty member

**Other areas of specialty/work**

**Street address**

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## Person responsible for scientific inquiries

### Contact

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## Person responsible for updating data

### Contact

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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*