

# Clinical Trial Protocol

## Iranian Registry of Clinical Trials

18 Sep 2026

### Survey of Effect of Puberty Health Education on Knowledge and Attitude of Adolescent Girls in Secondary School in Hamadan in 2013-2014

#### Protocol summary

##### Summary

Target of Study :Survey of Effect of puberty health education on knowledge and Attitude of Adolescent.Study Design;Interventional,Not blinded,Randomized,Case - control The studied Population;middle school female students of hamedan. Inclusion Criteria:Sex:Female ;Junior High School; Willingness to Participate in Research Project ; Mothers Who Are Able to Transfer Data to Daughters. Exclusion Criteria: Mother or Student's lack of cooperation . Target Sample Size; 306 People. Studied Intervention:Puberty health education . The first group will be trained directly by the midwife,The second group consisted of students whose mothers are trained by midwife And then transmit the information to their daughters,Education in the form of lectures and educational booklets in two two-hour sessions will be conducted,The third group (control) is students who receive school education Only,Before training and two weeks after training Through questionnaires data will be collected,then analysis of data for review;1- Determinationof The effect of training in groups I and II 2- Compare Personal trainer to transfer data,3- Compare each of the two groups trained with the group that did not receive training.

#### General information

##### Acronym

##### IRCT registration information

IRCT registration number: **IRCT2013111715341N2**  
Registration date: **2013-12-27, 1392/10/06**  
Registration timing: **prospective**

Last update:

Update count: **0**

##### Registration date

2013-12-27, 1392/10/06

##### Registrant information

###### Name

Batul Khodakarami

###### Name of organization / entity

Hamedan University of Medical Sciences

###### Country

Iran (Islamic Republic of)

###### Phone

+98 81 1838 0447

###### Email address

khodakaramy@umsha.ac.ir

##### Recruitment status

###### Recruitment complete

##### Funding source

Hamedan University of Medical Sciences

##### Expected recruitment start date

2013-12-29, 1392/10/08

##### Expected recruitment end date

2014-05-10, 1393/02/20

##### Actual recruitment start date

empty

##### Actual recruitment end date

empty

##### Trial completion date

empty

##### Scientific title

Survey of Effect of Puberty Health Education on Knowledge and Attitude of Adolescent Girls in Secondary School in Hamadan in 2013-2014

##### Public title

Effect of Puberty Health Education on Knowledge and Attitude of Adolescent

##### Purpose

Other

##### Inclusion/Exclusion criteria

Inclusion Criteria:Sex:Female ;Junior High School; Willingness to Participate in Research Project ; Mothers Who Are Able to Transfer Data to Daughters. Exclusion

Criteria: Non-cooperation

**Age**  
From **11 years** old to **16 years** old

**Gender**  
Female

**Phase**  
N/A

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

**Sample size**  
Target sample size: **306**

**Randomization (investigator's opinion)**  
Randomized

**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

Vice Chancellor for Research and Technology of  
Hamadan University of Medical Sciences

##### Street address

Hamedan University of Medical Sciences and Health  
Services , St.Shahid Fahmide ,Hamedan

##### City

Hamedan

##### Postal code

65178

#### Approval date

2013-10-29, 1392/08/07

#### Ethics committee reference number

2416/9/35/16/پ/

## Health conditions studied

### 1

#### Description of health condition studied

Puberty Health

#### ICD-10 code

z71.9

#### ICD-10 code description

Counselling, Unspecified

## Primary outcomes

### 1

#### Description

Knowledge

#### Timepoint

One Month After The Intervention

#### Method of measurement

Self-made Questionnaire

### 2

#### Description

Attitude

#### Timepoint

One Month After The Intervention

#### Method of measurement

Self-made Questionnaire

## Secondary outcomes

### 1

#### Description

Change In Performance

#### Timepoint

3 Months After Intervention

#### Method of measurement

Questionnaire

## Intervention groups

### 1

#### Description

The First Intervention Group : Education to Students  
Directly By The Midwife In The Form of Lectures and  
PowerPoint Presentation

#### Category

Other

### 2

#### Description

The Second Intervention Group : Mothers By Midwives  
are Trained to Pass on the Information to Their  
Daughters. Training will be Provided in The Form of  
Lectures and PowerPoint.

#### Category

Other

## Recruitment centers

### 1

#### Recruitment center

##### Name of recruitment center

Junior Girly High Schools in Hamadan

##### Full name of responsible person

Abdorrezza Foladvand

##### Street address

General Office of Education of  
Hamedan, St:Farhang, St:Taleghani, Hamedan

City  
Hamedan

## Sponsors / Funding sources

1

### Sponsor

**Name of organization / entity**

Vice Chancellor for Research & Technology, Hamedan  
University of Medical Sciences

**Full name of responsible person**

Saeed Bashirian

**Street address**

Vice Chancellor for Research & Technology, Hamedan  
University of Medical Sciences, St. Shahid  
Fahmide, Hamedan

**City**

Hamedan

**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 & Technology, Hamedan  
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**

Hamedan University of Medical Sciences

**Full name of responsible person**

Hakime Oraki

**Position**

Midwifery Student

**Other areas of specialty/work**

**Street address**

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Fahmide, Hamedan

**City**

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**Postal code**

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+98 81 1838 0150

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hakim\_7076@yahoo.com khodakarami@sabamail.com

**Web page address**

## Person responsible for scientific inquiries

### Contact

**Name of organization / entity**

Hamedan University of Medical Sciences

**Full name of responsible person**

Batul Khodakarami

**Position**

Master of Science, Faculty of Nursing and Midwifery

**Other areas of specialty/work**

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Fahmide, Hamedan

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**Web page address**

## Person responsible for updating data

### Contact

**Name of organization / entity**

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**Position**

Faculty of Midwifery

**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*