

# Clinical Trial Protocol

## Iranian Registry of Clinical Trials

31 May 2026

### The effect of counseling based on Health Belief Model on cervical cancer screening to rural women

#### Protocol summary

##### Summary

Cervical cancer screening leads to early detection, timely treatment and prevent complications, mortality from this disease. In rural women barriers of screening tests are higher than urban women. The aim of this study was to determine the effect of counseling on health belief model on screening for cervical cancer in rural women in Kaboudarahang city in 2015-2016. A multi-stage random cluster survey used to select women. Eighty married women above 20 years (40 cases and 40 cases in the control group) will select randomly from health care centers of Kaboudarahang city, Hamadan. In the both groups ( case and control groups) data will collect using questionnaires about demographic background, knowledge, beliefs and practices about cervical cancer prevention. In case group, three sessions of group counseling of cervical cancer screening every week will take part. Follow-up will done two months after the intervention. Both groups will compared before and after the intervention.

#### General information

##### Acronym

Health Belief Model- Screening- cervical cancer- rural women

##### IRCT registration information

IRCT registration number: **IRCT2015110410426N8**  
Registration date: **2015-12-21, 1394/09/30**  
Registration timing: **registered\_while\_recruiting**

Last update:

Update count: **0**

##### Registration date

2015-12-21, 1394/09/30

##### Registrant information

Name

Parisa Parsa

##### Name of organization / entity

Hamadan University of Medical Sciences

##### Country

Iran (Islamic Republic of)

##### Phone

+98 81 1822 4396

##### Email address

parsa@umsha.ac.ir

##### Recruitment status

**Recruitment complete**

##### Funding source

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

##### Expected recruitment start date

2015-11-22, 1394/09/01

##### Expected recruitment end date

2016-06-20, 1395/03/31

##### Actual recruitment start date

empty

##### Actual recruitment end date

empty

##### Trial completion date

empty

##### Scientific title

The effect of counseling based on Health Belief Model on cervical cancer screening to rural women

##### Public title

The effect of group counseling based on Health Belief Model on cervical cancer screening among rural women in Kabudarahang city in 2015-2016.

##### Purpose

Screening

##### Inclusion/Exclusion criteria

Inclusion criteria comprised: At least in the rural areas during the last two years: married women: divorced women: widows women: not underwent to hysterectomy, no family history of cervical cancer . Exclusion criteria

comprised: The absence of regular group counseling sessions; change residency to other location.

#### Age

From **20 years** old to **70 years** old

#### Gender

Female

#### Phase

N/A

#### Groups that have been masked

*No information*

#### Sample size

Target sample size: **80**

#### Randomization (investigator's opinion)

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

Ethics Committee of Hamadan University of Medical Sciences

##### Street address

Hamadan-Shahid Fahmideh Avenue- Hamadan University of Medical Sciences

##### City

Hamadan

##### Postal code

6517838698

##### Approval date

2015-07-27, 1394/05/05

##### Ethics committee reference number

IR.UMSHA.REC.1394.213

## Health conditions studied

### 1

#### Description of health condition studied

Cervix cancer screening

#### ICD-10 code

Z01.4

#### ICD-10 code description

Gynaecological examination (general)(routine)

## Primary outcomes

### 1

#### Description

Cervical Cancer Screening (Pap Smear)

#### Timepoint

Before, Immediately and Two months after intervention

#### Method of measurement

Undergoing Pap Smear Test

## Secondary outcomes

### 1

#### Description

Promote of womens' health beliefs on cervical cancer screening

#### Timepoint

Before, immediately after and two months after intervention

#### Method of measurement

Health beliefs score

## Intervention groups

### 1

#### Description

In the intervention group: rural women will participate the three sessions of group counseling in small groups of 5-7 people in an hour weekly . Counseling contents include of the definition of cervical cancer, symptoms, risk factors predisposing factors, disease problems, screening for cervical cancer. Believe and practice evaluation of cervical screening will assess prior to, immediately after and two months after intervention.

#### Category

Prevention

### 2

#### Description

In the control group no intervention shall be made. Evaluation of the belief and practice of cervical cancer screening will made as same as intervention group at prior to, immediately after, and two months after the intervention.

#### Category

Prevention

## Recruitment centers

### 1

#### Recruitment center

##### Name of recruitment center

Health Care Center of Kabudrahang City

##### Full name of responsible person

Dr. Parisa Parsa

##### Street address

Kabudrahang- Health Care Center of Kabudrahang  
City  
**City**  
Kabudrahang

**Fax**  
**Email**  
parsa@umsha.ac.ir  
**Web page address**

## Sponsors / Funding sources

### 1

#### Sponsor

**Name of organization / entity**  
Vice Chanslor of Research in Hamadan University of  
Medical Sciences  
**Full name of responsible person**  
Dr. Saeid Bashirian  
**Street address**  
Hamadan University of Medical Sciences- Shahid  
Fahmideh Street- Counterpoint of Mardom Park-  
Hamadan  
**City**  
Hamadan  
**Grant name**  
**Grant code / Reference number**  
**Is the source of funding the same sponsor  
organization/entity?**  
Yes  
**Title of funding source**  
Vice Chanslor of Research in Hamadan 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**  
Hamadan University of Medical Sciences  
**Full name of responsible person**  
Dr. Parisa Parsa  
**Position**  
Assistant Professor  
**Other areas of specialty/work**  
**Street address**  
Research Center for Chronic Diseases Home Care,  
Hamadan University of Medicine and Health Sciences,  
Shahid Fahmideh Street- Counterpoint of Mardom  
Park- Hamadan  
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**Postal code**  
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**Phone**  
+98 81 3838 0150

## Person responsible for scientific inquiries

#### Contact

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## Person responsible for updating data

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Assistant Professor  
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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*