

Clinical Trial Protocol

Iranian Registry of Clinical Trials

10 Jun 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

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Iran (Islamic Republic of)

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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

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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

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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