Clinical Trial Protocol
Iranian Registry of Clinical Trials

22 Nov 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 rendomly 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)

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Email address

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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
Cevix 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

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

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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