

Clinical Trial Protocol

Iranian Registry of Clinical Trials

10 Jun 2026

The effect of an educational intervention based on the Health Belief Model on the refer of rural women to Shaft selected Health Center for Pap Smear test

Protocol summary

Summary

The aim of this study was the effect of health education based on the HBM for knowledge and practice of qualified rural women about performing of voluntarily pap smear test to prevention of cervical cancer and reduce of mortality. A randomized control trial design was used for this study. Samples were rural women under the coverage of one of the random rural health center in Shaft in Winter, 2014 that all health house under the coverage of center were be examined. First of all the health houses were wrote respectively from the list then every other one were allocated randomly in to two groups control and comparison. Qualified women were randomly selected from the list of rural families. Information collection tool was a questionnaire that was assessed validity and reliability of it. Inclusion criteria: willingness to participate in program and the women aged 20-65 years old at least once married (married - widow and divorced) and at least 6 months was passed from their marriage and less than 6 months before the study was not performed pap smear test, had not hysterectomy and history of cervical cancer. Exclusion criterion was not participating in any of the training sessions. After obtaining letter of satisfaction, questionnaire was completed from interview by questionnaire. Referring to the other essays, sample size for each group was 80 then intervention perform under the influence of structures by training session. Data collected in two stages, first stage was before intervention and second stage was two months after intervention for each group.

General information

Acronym

IRCT registration information

IRCT registration number: **IRCT2013123016006N1**

Registration date: **2014-06-02, 1393/03/12**

Registration timing: **registered_while_recruiting**

Last update:

Update count: **0**

Registration date

2014-06-02, 1393/03/12

Registrant information

Name

Sedigheh Bab Eghbal

Name of organization / entity

Guilan University of Medical Sciences

Country

Iran (Islamic Republic of)

Phone

+98 13 1723 9344

Email address

sedigheh.eghbal@yahoo.com

Recruitment status

Recruitment complete

Funding source

Guilan University of Medical Sciences

Expected recruitment start date

2013-12-22, 1392/10/01

Expected recruitment end date

2014-06-22, 1393/04/01

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

The effect of an educational intervention based on the Health Belief Model on the refer of rural women to Shaft

selected Health Center for Pap Smear test

Public title

The effect of an educational intervention based on the Health Belief Model on the refer of rural women to Shaft selected Health Center for Pap Smear test

Purpose

Prevention

Inclusion/Exclusion criteria

Inclusion criteria: willingness to participate in program and the women aged 20-65 years old at least once married (married - widow and divorced) and at least 6 months was passed from their marriage and less than 6 months before the study was not performed pap smear test, had not hysterectomy and history of cervical cancer. Exclusion criterion was not participating in any of the training sessions.

Age

From **20 years** old to **65 years** old

Gender

Female

Phase

N/A

Groups that have been masked

No information

Sample size

Target sample size: **160**

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

Guilan university of Medical Sciences

Street address

Namjou street

City

Rasht

Postal code

Iran

Approval date

2013-12-07, 1392/09/16

Ethics committee reference number

4920341301

Health conditions studied

1

Description of health condition studied

Cervical cancer

ICD-10 code

C53.9

ICD-10 code description

Cancer of cervix

Primary outcomes

1

Description

Performing pap smear test

Timepoint

2 months after intervention

Method of measurement

Clinical document

Secondary outcomes

empty

Intervention groups

1

Description

Educational intervention for comparison group: Three training sessions during three weeks were held with 8-12 person groups. Each training session took 50-60 minutes and at the end of each session individual consultations, each one lasting 10-15 minutes, were held with 3-4 women about cervical cancer and doing Pap smear test.

Category

Early detection

2

Description

No training session for control group

Category

N/A

Recruitment centers

1

Recruitment center

Name of recruitment center

All Health Centers (Health Houses) under the coverage of one of the random rural health center in Sh

Full name of responsible person

Sedigheh Bab Eghbal

Street address

City

Shaft

Sponsors / Funding sources

1

Sponsor

Name of organization / entity

Guilan University of Medical Sciences

Full name of responsible person

Parisa Kasmaei

Street address

Namjou street

City

Rasht

Grant name

Grant code / Reference number

Is the source of funding the same sponsor organization/entity?

Yes

Title of funding source

Guilan 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

Guilan University of Medical Sciences

Full name of responsible person

Sedigheh Bab Eghbal

Position

Midwife (BSc)

Other areas of specialty/work

Street address

Health Center No.1, Vali asr st.

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+98 13 2782 2291

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sedigheh.eghbal@yahoo.com

Web page address

Person responsible for scientific inquiries

Contact

Name of organization / entity

Guilan University of Medical Sciences

Full name of responsible person

Sedigheh Bab Eghbal

Position

Midwife (BSc)

Other areas of specialty/work

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Web page address

Person responsible for updating data

Contact

Name of organization / entity

Guilan University of Medical Sciences

Full name of responsible person

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Position

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Other areas of specialty/work

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sedigheh.eghbal@yahoo.com

Web page address

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