

Clinical Trial Protocol

Iranian Registry of Clinical Trials

18 Sep 2026

Evaluate the effect of training Health Belief model-based education through online mobile messaging application on Bushehrian women's beliefs and performances related to Pap smear experiment

Protocol summary

Summary

This study is a randomized clinical trial study in 2016 to evaluate the effect of Health Belief model-based education through online mobile messaging application on Bushehrian women's beliefs and performances related to Pap smear experiment. inclusion criteria: literacy; having a smart phone and telegram messaging application; passing at least six months of marriage, lack of/not doing of Pap smear in past three years. Exclusion criteria: unwillingness to participate in the study, presence of cervical cancer or other cancers in the genital tract, presence of hysterectomy history. Sampling method has two-stages, so that, among 10 health care centers in Bushehr, 4 centers have been selected randomly. After referring to the above mentioned medical centers, a list of people with inclusion criteria for participating in the present study has been provided and compatible with the number of each center's candidates, our samples have been selected randomly. Finally, the selected candidates will be divided into two intervention and control groups. The population of study includes 20-50 years old women with a sample size of 106. Monthly intervention to intervention group, has been done by sending health beliefs model-based educational content via telegram application. The intervention and control groups candidates (53) completed the questionnaire in three different intervals, before, immediately after and three month after training. Finally, three months after training, the candidates will be tested due to pap smear.

General information

Acronym

IRCT registration information

IRCT registration number: **IRCT2016062928702N1**
Registration date: **2016-08-13, 1395/05/23**

Registration timing: **prospective**

Last update:

Update count: **0**

Registration date

2016-08-13, 1395/05/23

Registrant information

Name

Farzane Khademolhosseini

Name of organization / entity

Bushehr University of Medical Sciences

Country

Iran (Islamic Republic of)

Phone

+98 77 3345 0178

Email address

f.khademolhosseini@bpums.ac.ir

Recruitment status

Recruitment complete

Funding source

Vice chancellor for research of Bushehr University of Medical Sciences

Expected recruitment start date

2016-08-22, 1395/06/01

Expected recruitment end date

2016-10-21, 1395/07/30

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

Evaluate the effect of training Health Belief model-based education through online mobile messaging application

on Bushehrian women's beliefs and performances related to Pap smear experiment

Public title

The impact of training to do pap smear for early diagnosis of cervical cancer

Purpose

Prevention

Inclusion/Exclusion criteria

inclusion criteria: literacy; having a smart phone and telegram messaging application; passing at least six months of marriage, lack of/not doing of Pap smear in past three years. Exclusion criteria: unwillingness to participate in the study, presence of cervical cancer or other cancers in the genital tract, presence of hysterectomy history.

Age

From **20 years** old to **50 years** old

Gender

Female

Phase

N/A

Groups that have been masked

No information

Sample size

Target sample size: **106**

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 Bushehr University of Medical Science

Street address

Bahmani, Salman Farsi Street Bushehr University of Medical Sciences Campus site

City

Bushehr

Postal code

Approval date

2016-06-26, 1395/04/06

Ethics committee reference number

IR.BPUMS.REC.1395.57

Health conditions studied

1

Description of health condition studied

Cervical Cancer

ICD-10 code

C53

ICD-10 code description

Malignant Neoplasm of Cervix uteri

Primary outcomes

1

Description

Doing Pap SmearTest

Timepoint

Before and after three months of training

Method of measurement

Questionnaire

Secondary outcomes

1

Description

Knowledge of Cervical Cancer

Timepoint

Before, immediately and after three months training

Method of measurement

Questionnaire

2

Description

Perceived Susceptibility

Timepoint

Before, immediately and after three months training

Method of measurement

Questionnaire

3

Description

Perceived Severity

Timepoint

Before, immediately and after three months training

Method of measurement

Questionnaire

4

Description

Perceived Benefits

Timepoint

Before, immediately and after three months training

Method of measurement

Questionnaire

5

Description

Perceived Barriers

Timepoint

Before, immediately and after three months training

Method of measurement

Questionnaire

6

Description

Health Motivation

Timepoint

Before, immediately and after three months training

Method of measurement

Questionnaire

Intervention groups

1

Description

The participants of intervention group receives health belief model-based training content within one month through telegram messenger application.

Category

Prevention

2

Description

The control group doesn't receive any training.

Category

Prevention

Recruitment centers

1

Recruitment center

Name of recruitment center

7 Tir Clinical Health Center

Full name of responsible person

Sarkhosh Zinat

Street address

Sangi st - Bushehr

City

Bushehr

2

Recruitment center

Name of recruitment center

Nabi Akram Clinical Health Center

Full name of responsible person

Baharestani Maryam

Street address

Three-way Bazargani - Motahari St-Bushehr

City

Bushehr

3

Recruitment center

Name of recruitment center

Ghods Clinical Health Center

Full name of responsible person

Leila Svamry

Street address

22 Mehre Sr, Emamzadeh Sector, Bushehr

City

Bushehr

4

Recruitment center

Name of recruitment center

Ali Ibn Abi Talib Clinical Health Center

Full name of responsible person

Sodabe Zalpoor

Street address

Kooti Sector, Sr Coastal, Bushehr

City

Bushehr

Sponsors / Funding sources

1

Sponsor

Name of organization / entity

Vice Chancellor for Research of Bushehr University of Medical Sciences

Full name of responsible person

Afshin Ostovar

Street address

Bushehr University of Medical Sciences, Salman Farsi St, Bahmani, Bushehr, Iran

City

Bushehr

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 of Bushehr 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

Bushehr University of Medical Sciences, Salman Farsi
St, Bahmani, Bushehr, Iran

Full name of responsible person

Azita Noroozi

Position

Ph.D. of Health Education

Other areas of specialty/work

Street address

Bushehr University of Medical Sciences, Salman Farsi
St, Bahmani, Bushehr, Iran

City

Bushehr

Postal code

7514633341

Phone

+98 77 3332 2081

Fax

+98 77 3332 3123

Email

azitanoroozi@yahoo.com

Web page address

www.bpums.ac.ir

Person responsible for scientific inquiries

Contact

Name of organization / entity

Bushehr University of Medical Sciences, Bushehr, Iran

Full name of responsible person

Azita Noroozi

Position

Ph.D. of Health Education

Other areas of specialty/work

Street address

Bushehr University of Medical Sciences, Salman Farsi
St, Bahmani, Bushehr, Iran

City

Bushehr

Postal code

7514633341

Phone

+98 77 3332 2081

Fax

+98 77 3332 3123

Email

azitanoroozi@yahoo.com

Web page address

www.bpums.ac.ir

Person responsible for updating data

Contact

Name of organization / entity

Bushehr University of Medical Sciences, Bushehr, Iran

Full name of responsible person

Farzane Khademolhosseini

Position

MSc Student of Health Education

Other areas of specialty/work

Street address

Bushehr University of Medical Sciences, Salman Farsi
St, Bahmani, Bushehr, Iran

City

Bushehr

Postal code

Phone

+98 77 3332 2081

Fax

+98 77 3332 3123

Email

fkhadem67@gmail.com
f.khademolhosseini@bpums.ac.ir

Web page address

www.bpums.ac.ir

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