

Clinical Trial Protocol

Iranian Registry of Clinical Trials

27 Jul 2026

Educational counseling based on Health Belief Model on knowledge and practices on breast cancer screening among women above 40years old in Hamadan 2015

Protocol summary

Summary

Breast cancer is the leading cancer among Iranian women. However, the rate of breast cancer screening is low in Iranian women. This study aims to examine the use of the health belief model in enhancing women's breast cancer beliefs and screening behaviours in Hamadan, Iran. Methods: A multi-stage random sampling will be used for selection of women. 144 women from selected health care centres in the Hamadan will be selected in year 2015. Using a questionnaire data will collect on demographic background, knowledge, beliefs on breast cancer based on HBM and practices on breast cancer screening (BCS). Data will analysis using SPSS package version 16. The result will show how women's beliefs and knowledge play roles for breast cancer screening.

General information

Acronym

IRCT registration information

IRCT registration number: **IRCT2015012310426N5**

Registration date: **2015-03-04, 1393/12/13**

Registration timing: **registered_while_recruiting**

Last update:

Update count: **0**

Registration date

2015-03-04, 1393/12/13

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

Hamadan University of Medical Sciences

Expected recruitment start date

2015-02-20, 1393/12/01

Expected recruitment end date

2015-12-22, 1394/10/01

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

Educational counseling based on Health Belief Model on knowledge and practices on breast cancer screening among women above 40years old in Hamadan 2015

Public title

The effect of educational counseling based on Health Belief Model on knowledge and Practices on breast cancer screening among women above 40years old in Hamadan 2015

Purpose

Screening

Inclusion/Exclusion criteria

Inclusion criteria: age>40 years; no history of breast cancer; no history of underwent breast's biopsy; no positive history of breast cancer in first degree relatives (mother, sister, daughter). Exclusion criteria: lack of attending in breast cancer prevention education; pregnancy; breast feeding.

Age

From **40 years** old to **75 years** old

Gender

Female

Phase

N/A

Groups that have been masked

No information

Sample size

Target sample size: **144**

Randomization (investigator's opinion)

Randomized

Randomization description**Blinding (investigator's opinion)**

Single blinded

Blinding description**Placebo**

Not used

Assignment

Parallel

Other design features**Secondary Ids**

empty

Ethics committees**1****Ethics committee****Name of ethics committee**

Hamadan University of Medical Sciences

Street address

Hamadan University of Medicine and Health Sciences,
Shahid Fahmideh, Counterpoint of Marom Park,
Hamadan, Iran

City

Hamadan

Postal code

65178-3-8698

Approval date

2015-02-09, 1393/11/20

Ethics committee reference number

p/16/35/9/5857

Health conditions studied**1****Description of health condition studied**

Breast cancer screening

ICD-10 code

Z12.3

ICD-10 code description

Special screening examination for neoplasm of breast

Primary outcomes**1****Description**

Breast self -examination

Timepoint

Before, imedeitely, one mounth and three months after intervention

Method of measurement

Performing breast self-examination monthly

Secondary outcomes**1****Description**

Mammography

Timepoint

Before, imedeitely, one mounth and three months after intervention

Method of measurement

Certificate of undergoing mammography

Intervention groups**1****Description**

After completing consent form by participants. In the intervention group educational program in four sections (one hour) in the small groups (5-7 persons). Education contains breast cancer definition, sign and symptoms of breast cancer, risk factors of breast cancer, breast cancer problems and screening for breast cancer. Evaluation will be done before, immediately after, one month and tree months after intervention.

Category

Prevention

2**Description**

After completing consent form by participants. In the control group participates will not receive any educational program. Evaluation will be done before, immediately after, one month and tree months after intervention.

Category

N/A

Recruitment centers**1****Recruitment center****Name of recruitment center**

Health Care Centers of Hamadan city

Full name of responsible person**Street address**

Health Care Center- Ayandeh Sazan Street- Behind Ekbatan Hospital- Hamadan

City

Hamadan

Sponsors / Funding sources

1

Sponsor

Name of organization / entity

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

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

City

Hamadan

Postal code

65178-38698

Phone

+98 81 3838 0150

Fax

Email

parsa@umsha.ac.ir

Web page address

Person responsible for scientific 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, Iran

City

Hamadan

Postal code

65178

Phone

+98 81 3838 0150

Fax

Email

parsa@umsha.ac.ir

Web page address

Person responsible for updating data

Contact

Name of organization / entity

Hamadan University of Medical Sciences

Full name of responsible person

Dr. Parisa Parsa

Position

Assistant Professor

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Research Center for Chronic Diseases Home Care,
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Fax

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parsa@umasha.ir

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