

Clinical Trial Protocol

Iranian Registry of Clinical Trials

16 Sep 2026

Comparing the effects of individual and peer education to behavioral intention of mammography in the women referred to the selected health centers of Isfahan in 2016

Protocol summary

Study aim

Comparing the effects of individual and peer education to behavioral intention of mammography in the women referred to the selected health centers of Isfahan in 2016

Design

Two group of individual and peer educated based on planned behavior theory about mammography and outcome assessment

Settings and conduct

Location: Selected health centers in Isfahan

Participants/Inclusion and exclusion criteria

Inclusion criteria: 1- Age 40 to 70 years 2- Have at least reading and writing skills 3. Being Iranian

Intervention groups

Individualized Education Peer education

Main outcome variables

Behavioral intention of mammography

General information

Reason for update

Acronym

IRCT registration information

IRCT registration number: **IRCT20131124015525N4**

Registration date: **2018-11-01, 1397/08/10**

Registration timing: **retrospective**

Last update: **2018-11-01, 1397/08/10**

Update count: **0**

Registration date

2018-11-01, 1397/08/10

Registrant information

Name

Mitra Savabi Esfahani

Name of organization / entity

Department of Midwifery, School on Nursing and

Midwifery, Isfahan University of Medical science.

Country

Iran (Islamic Republic of)

Phone

+98 31 3792 2971

Email address

m_savabi@nm.mui.ac.ir

Recruitment status

Recruitment complete

Funding source

Expected recruitment start date

2016-09-22, 1395/07/01

Expected recruitment end date

2017-09-23, 1396/07/01

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

Comparing the effects of individual and peer education to behavioral intention of mammography in the women referred to the selected health centers of Isfahan in 2016

Public title

Improving Mammography Behavior

Purpose

Education/Guidance

Inclusion/Exclusion criteria

Inclusion criteria:

Age 40 to 70 years Have at least reading and writing skills Being Iranian

Exclusion criteria:

Being non-Iranian Personal History Of Breast Cancer

Age

From **40 years** old to **70 years** old

Gender

Female

Phase

N/A

Groups that have been masked*No information***Sample size**Target sample size: **100****Randomization (investigator's opinion)**

Randomized

Randomization description

The method of sampling in this study was that 100 people who referred to health centers and selected health centers in Isfahan who had entry requirements and willingness to participate in the research were selected as easy to select items. Then they were randomly divided into two groups of 50 individuals for the individual and peer education group and eligible individuals were randomly assigned to the individual education and peer education groups. The names of the people were listed, each of them numbered from 1 to 100. Persons with a person's number in the individual education group and those with a pair number were placed in the peer education group.

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**

Ethical Committee of Isfahan University of Medical Sciences

Street address

Hezar-Jarib

City

Isfahan

Province

Isfahan

Postal code

81746-73461

Approval date

2017-01-28, 1395/11/09

Ethics committee reference number

IR.MUI.REC.1395.3.782

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

Breast Cancer

ICD-10 code

C50

ICD-10 code description

Malignant neoplasm of breast

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

Behavioral intention of mammography

Timepoint

Immediately after the end of the intervention

Method of measurement

Structured questionnaire

Secondary outcomes

empty

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

Intervention group 1: Individual education. After sampling, simple random sampling method was used to select 50 individuals from each Odd number questionnaire. These persons received 2 breast cancer education sessions, risk factors, screening methods, mammography and false beliefs in a 60-minute session. Before the first educational session and after the end of the second session, a researcher-made theory of planned behavior was completed by the research samples.

Category

N/A

2**Description**

Intervention group 2: Peer education. After sampling with simple random sampling, 50 people who were paired with questionnaires were selected as peer education group. Then, 10 of them were selected from health clinics. These subjects received 2 breast cancer training sessions, risk factors, screening methods, mammograms and false beliefs in a 60-minute session. They were then asked to transfer the received training to the five people who were introduced to each of them. Before the first educational session and after the end of the second session, a researcher-made theory of planned behavior was completed by the research samples.

Category

Early detection

Recruitment centers

1

Recruitment center

Name of recruitment center

Deputy of Research of Isfahan University of Medical Sciences-Motahari and Ebne -Sina Health Centers

Full name of responsible person

Mitra Savabi-Esfahani

Street address

Hezar-Jarib

City

Isfahan

Province

Isfahan

Postal code

81746-73461

Phone

+98 31 3792 7571

Fax

+98 31 3669 9398

Email

M_savabi@nm.mui.ac.ir

Sponsors / Funding sources

1

Sponsor

Name of organization / entity

Esfahan University of Medical Sciences

Full name of responsible person

Dr. Shaghayegh Haghjooy Javanmard

Street address

Hezarjerib Ave, Research vice chancellor, Isfahan University of Medical Sciences, Isfahan, Iran.

City

Isfahan

Province

Isfahan

Postal code

81746-73461

Phone

+98 31 3792 7571

Fax

+98 31 3669 9398

Email

M_savabi@nm.mui.ac.ir

Grant name

Grant code / Reference number

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

Yes

Title of funding source

Esfahan University of Medical Sciences

Proportion provided by this source

100

Public or private sector

Public

Domestic or foreign origin

Domestic

Category of foreign source of funding

empty

Country of origin

Type of organization providing the funding

Academic

Person responsible for general inquiries

Contact

Name of organization / entity

Esfahan University of Medical Sciences

Full name of responsible person

Mitra Savabi-Esfahani

Position

Doctor

Latest degree

Ph.D.

Other areas of specialty/work

Reproductive Health

Street address

Hezar-Jarib

City

Isfahan

Province

Isfahan

Postal code

81746-73461

Phone

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Fax

+98 31 3669 9398

Email

M_savabi@nm.mui.ac.ir

Person responsible for scientific inquiries

Contact

Name of organization / entity

Esfahan University of Medical Sciences

Full name of responsible person

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doctor

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Phone

+98 31 3792 7571

Fax

+98 31 3669 9398

Email

M_savabi@nm.mui.ac.ir

Person responsible for updating data

Contact

Name of organization / entity

Esfahan University of Medical Sciences

Full name of responsible person

Maryam Molaei_Zardanjani

Position

Student

Latest degree

Master

Other areas of specialty/work

Midwifery

Street address

Hezar-Jarib

City

Isfahan

Province

Isfahan

Postal code

81746-73461

Phone

+98 31 3792 7571

Fax

+98 31 3669 9398

Email

m_molaei@nm.mui.ac.ir

Sharing plan

Deidentified Individual Participant Data Set (IPD)

Undecided - It is not yet known if there will be a plan to make this available

Study Protocol

Undecided - It is not yet known if there will be a plan to make this available

Statistical Analysis Plan

Not applicable

Informed Consent Form

Undecided - It is not yet known if there will be a plan to make this available

Clinical Study Report

Not applicable

Analytic Code

Not applicable

Data Dictionary

Not applicable