

Clinical Trial Protocol

Iranian Registry of Clinical Trials

15 Jul 2026

The Effect of Motivational Interviewing on Breast Cancer Screening Behaviors of Rural Women: A Randomized Controlled Clinical Trial

Protocol summary

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Summary

The aim of the study is to determine the effect of motivational interviewing (MI) on breast cancer screening behaviors of rural women. Type of the study is randomized controlled trial intended to compare change stages of clinical breast exam and mammography between two (MI and control) groups, baseline and 2 months after the intervention. The sample size is 60 rural women ageing 40 to 69 years from Abesh Ahmad, Kaleybar. For case group, motivational interviewing will held in 6 sessions twice a week for 90-60 minutes. Each group contains 8-12 women. The control group will participate in two educational sessions about cervical cancer screening.

Recruitment status

Recruitment complete

Funding source

Tabriz University of Medical Sciences

Expected recruitment start date

2017-07-01, 1396/04/10

Expected recruitment end date

2017-10-23, 1396/08/01

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

General information

Acronym

IRCT registration information

IRCT registration number: **IRCT2017050933834N1**

Registration date: **2017-06-06, 1396/03/16**

Registration timing: **prospective**

Last update:

Update count: **0**

Registration date

2017-06-06, 1396/03/16

Registrant information

Name

Roghaiyeh Nourizadeh

Name of organization / entity

Tabriz University of Medical Sciences

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Email address

Scientific title

The Effect of Motivational Interviewing on Breast Cancer Screening Behaviors of Rural Women: A Randomized Controlled Clinical Trial

Public title

The Effect of Motivational Interviewing on Breast Cancer Screening Behaviors of Rural Women: A Randomized Controlled Clinical Trial

Purpose

Screening

Inclusion/Exclusion criteria

Inclusion criteria: Women ages 40 to 69 years; Negative history of mammography in the past two years; Negative history of clinical breast examination during the past year; breast control less than four times over the past year; No history of breast cancer or a history of breast cancer in first degree relatives; Enable to speak and listen, Telephone number for follow up Exclusion criteria: Pregnant and lactating women; Galactorrhea; The history of participation in educational sessions related to breast cancer; Physical and Mental disability

Age

From **40 years** old to **69 years** old

Gender

Female

Phase

N/A

Groups that have been masked

No information

Sample size

Target sample size: 60

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**

Tabriz University of Medical Sciences (Nursing and Midwifery)

Street address

Azady Street / Golgasht (South Shariati)

City

Tabriz

Postal code**Approval date**

2017-05-08, 1396/02/18

Ethics committee reference number

IR.TBZMED.REC.1396.113

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**

Change stages of clinical breast exam and mamography

Timepoint

Before and two months after intervention

Method of measurement

Checklist of change stages of clinical breast exam and mamography

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

change stages of breast control

Timepoint

Before and 2 months after intervention

Method of measurement

Checklist of change stages of breast control

2**Description**

Breast cancer awareness

Timepoint

before and 2 months after intervention

Method of measurement

BCAM Questionnaire

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

In the intervention group (n = 30), six group sessions twice a week will held with 8-12 women. Duration of each session would be 90-60 minutes . The final session would be 120-100 minutes.

Category

Prevention

2**Description**

Two educational sessions about cervical cancer screening will held in the control group.

Category

Prevention

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

Najaf Health Home

Full name of responsible person

Parvin Alizadeh Sabeg

Street address

Kaleybar/ Abesh Ahma / Najaf

City

Kaleybar / Abesh Ahmad/ Najaf

2**Recruitment center****Name of recruitment center**

Ajdan Abad Health Home

Full name of responsible person

Parvin Alizadeh Sabeg

Street address

Kaleybar / Abesh Ahmad / Ajdan Abad

City

Kaleybar / Abesh Ahmad / Ajdan Abad

3

Recruitment center

Name of recruitment center

Sardar Abad Health Home

Full name of responsible person

Parvin Alizadeh Sabeg

Street address

Kaleybar / Abesh Ahmad / Sardar Abad

City

Kaleybar/ Abesh Ahmad / Sardar Abad

4

Recruitment center

Name of recruitment center

Ghalekandi Health Home

Full name of responsible person

Parvin Alizadeh Sabeg

Street address

Kaleybar / Abesh Ahmad / Ghalekandi

City

Kaleybar / Abesh Ahmad / Ghalekandi

5

Recruitment center

Name of recruitment center

Amir Abad Health Home

Full name of responsible person

Parvin Alizadeh Sabeg

Street address

Kaleybar / Abesh Ahmad / Amir Abad

City

Kaleybar / Abesh Ahmad / Amir Abad

6

Recruitment center

Name of recruitment center

Kalantar Health Home

Full name of responsible person

Parvin Alizadeh Sabeg

Street address

Kaleybar / Abesh Ahmad / Kalantar

City

Kaleybar / Abesh Ahmad / Kalantar

Sponsors / Funding sources

1

Sponsor

Name of organization / entity

Tabriz University of Medical Sciences

Full name of responsible person

Dr. Mohammad Reza Rashidi

Street address

Vice President of Research, Tabriz University of
Medical Sciences

City

Tabriz

Grant name

Grant code / Reference number

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

Yes

Title of funding source

Tabriz 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

Tabriz University of Medical Sciences

Full name of responsible person

Parvin Alizadeh Sabeg

Position

MSc of Counseling in Midwifery

Other areas of specialty/work

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**Person responsible for scientific
inquiries**

Contact

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Tabriz University of Medical Sciences (Faculty of
Nursing and Midwifery)

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PhD in reproductive health

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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

Person responsible for updating data

Contact

Name of organization / entity

Tabriz University of Medical Sciences (Faculty of Nursing and Midwifery)

Full name of responsible person

Parvin Alizadeh Sabeg

Position

MSc of Counseling in Midwifery

Other areas of specialty/work

Street address

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