

Clinical Trial Protocol

Iranian Registry of Clinical Trials

10 Jul 2026

Comparison the Effect of Short Messages System With Group Education on Knowledge and Practice of Middle Aged Women About the Screening Methods of Breast Cancer.

Protocol summary

Summary

This study aims to compare training through SMS with group training on the knowledge and practice of middle-aged women about breast cancer screening method and is of random clinical trial which will be conducted on 210 people (including 20% abscission) middle-aged qualified woman (40 to 60 years) referred to health centers in Mahshahr. In order to prevent the publication of educational materials the samples will be taken from different centers and based on inclusion criteria will randomly be divided into two educational intervention groups (SMS and training group). Data collection tool is scholar-made questionnaire including three parts (demographic, knowledge, performance of women about breast cancer and breast cancer screening methods). One group will be trained through SMS and the other through speech. In group training group based on scientific resources, statistics and prevalence of breast cancer causes the importance of screening methods will be educated during two weeks, every week a 2-hour session (in the whole meeting). In SMS group for each person a 20-minutes overview about breast cancer, incidence, and risk factors will be explained, then scientific messages such as educational material presented in the lecture group will be relying more on screening methods will be sent during two weeks, three times a week (in general 6 times). Henceforth primary questionnaire will be completed 2 months after educational intervention for each of the aforementioned groups.

General information

Acronym

IRCT registration information

IRCT registration number: **IRCT2016011125958N1**
Registration date: **2016-04-21, 1395/02/02**

Registration timing: **retrospective**

Last update:

Update count: **0**

Registration date

2016-04-21, 1395/02/02

Registrant information

Name

Neda Naseryan

Name of organization / entity

Jundishapour university of medical sciences Ahvaz

Country

Iran (Islamic Republic of)

Phone

+98 61 5242 4598

Email address

naseryan.n@ajums.ac.ir

Recruitment status

Recruitment complete

Funding source

investigator

Expected recruitment start date

2016-01-21, 1394/11/01

Expected recruitment end date

2016-04-03, 1395/01/15

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

Comparison the Effect of Short Messages System With Group Education on Knowledge and Practice of Middle Aged Women About the Screening Methods of Breast

Cancer.

Public title

Comparison the Effect of Short Messages System With Group Education on Knowledge and Practice of Middle Aged Women About the Screening Methods of Breast Cancer.

Purpose

Health service research

Inclusion/Exclusion criteria

Inclusion Criteria: Ages (40-60 Years); Ability to Read and Write; Having a Mobile; Married Exclusion Criteria: Pregnancy; Participation In Other Class About Study Topic; Education From Other Sources During the Study.

Age

From **39 years** old to **59 years** old

Gender

Female

Phase

N/A

Groups that have been masked

No information

Sample size

Target sample size: **210**

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 Ahvaz, Jundishapour University of Medical Science

Street address

Golestan Highway, University of Medical Sciences
Gundishapour Ahvaz

City

Ahvaz

Postal code

00986135715794

Approval date

2015-11-21, 1394/08/30

Ethics committee reference number

ir.ajums.rec.1394.459

Health conditions studied

1

Description of health condition studied

Breast Cancer

ICD-10 code

C50.9

ICD-10 code description

Malignant neoplasm: Breast, unspecified

Primary outcomes

1

Description

knowledge

Timepoint

Before and Two Months After Intervention

Method of measurement

Questionnaire

Secondary outcomes

1

Description

Practice

Timepoint

Before and Two Months After Intervention

Method of measurement

Questionnaire

Intervention groups

1

Description

In group training group based on scientific resources, statistics and prevalence of breast cancer causes the importance of screening methods will be educated during two weeks, every week a 2-hour session (in the whole meeting).

Category

Early detection

2

Description

In SMS group for each person a 20-minutes overview about breast cancer, incidence, and risk factors will be explained, then scientific messages such as educational material presented in the lecture group will be relying more on screening methods will be sent during two weeks, three times a week (in general 6 times).

Category

Early detection

Recruitment centers

1

Recruitment center

Name of recruitment center

Chamran Settlements, Health Centre

Full name of responsible person

Neda Naseryan

Street address

Chamran Settlements, Health Centre, Khayam Street,
Mahshahr

City

Mahshahr

2

Recruitment center

Name of recruitment center

Fifteen Khordad, Health Center

Full name of responsible person

Neda Naseryan

Street address

Fifteen Khordad, Health Center, Fifteen Khordad
Street, Mahshahr

City

Mahshahr

Sponsors / Funding sources

1

Sponsor

Name of organization / entity

Vice Chancellor for Reserch of Ahvaz Jundishapour
University of Medical Sciences

Full name of responsible person

Neda Naseryan

Street address

Jundishapour University of Medical Sciences,
Opposite the Central Building, Vice Chancellor for
Reserch of Ahvaz, Ahvaz

City

ahvaz

Grant name**Grant code / Reference number****Is the source of funding the same sponsor
organization/entity?**

Yes

Title of funding source

Vice Chancellor for Reserch of Ahvaz Jundishapour
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

Jundishapour University of Medical Sciences Ahvaz

Full name of responsible person

Neda Naseryan

Position

Master of Midwifery

Other areas of specialty/work**Street address**

Golestan Highway, Ahvaz Jundishapour University of
Medical Sciences, School of Nursing and Midwifery,
Ahvaz

City

Ahvaz

Postal code

00986135715749

Phone

+98 61 3373 8331

Fax

+98 61 3373 8333

Email

neda.naseryan@gmail.com

Web page address

Person responsible for scientific inquiries

Contact

Name of organization / entity

Jundishapour University of Medical Sciences Ahvaz

Full name of responsible person

Parvin Abedi

Position

PHD

Other areas of specialty/work**Street address**

Golestan Highway, Ahvaz Jundishapour University of
Medical Sciences, School of Nursing and Midwifery,
Ahvaz

City

Ahvaz

Postal code

00986135715794

Phone

+98 61 3373 8331

Fax**Email**

neda.naseryan@gmail.com

Web page address

Person responsible for updating data

Contact

Name of organization / entity

Jundishapour University of Medical Sciences Ahvaz

Full name of responsible person

Neda Naseryan

Position

Master of Midwifery

Other areas of specialty/work

Street address

Golestan Highway, Ahvaz Jundishapour University of
Medical Sciences, School of Nursing and Midwifery,
Ahvaz

City

Ahvaz

Postal code**Phone****Fax****Email**

neda.naseryan@gmail.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