

# 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,  
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**Email**

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**Web page address**

## Person responsible for scientific inquiries

### Contact

**Name of organization / entity**

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**Full name of responsible person**

Parvin Abedi

**Position**

PHD

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## Person responsible for updating data

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**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*