

# Clinical Trial Protocol

## Iranian Registry of Clinical Trials

07 Jul 2026

### Comparative effectiveness of telephone counseling and education effect on breast cancer screening in family caregiver of breast cancer patients

#### Protocol summary

##### Summary

This study was done to determine family caregiver patients' knowledge of risk factors and practice of breast cancer screening and also to assess the effect of telephone counseling and education on mammography screening. The participants of the study were 90 caregivers who were randomly allocated into telephone counseling and education group and control group. So the intervention group received calls consisted of counseling and education. Inclusion criteria were :being woman ;having a family history of breast cancer (such as mother, sister, daughter or other caregiver) ; being aged 40 years and above, having access to the phone ;not being deaf or having hard of hearing and speaking ; Ability to speak Farsi;no history of breast cancer and exclusion criteria: unwilling to continue cooperation. Mammography conduction was asked at the beginning of the study and then after a three-month interval regarding both groups.

#### General information

##### Acronym

Telephone Counseling on Breast Cancer Screening

##### IRCT registration information

IRCT registration number: **IRCT2017052316870N3**

Registration date: **2017-06-30, 1396/04/09**

Registration timing: **retrospective**

Last update:

Update count: **0**

##### Registration date

2017-06-30, 1396/04/09

##### Registrant information

###### Name

Khadije Nasiriani

###### Name of organization / entity

Yazd Shahid Sadoughi University Of Medical Sciences

###### Country

Iran (Islamic Republic of)

###### Phone

+98 35 1824 1755

###### Email address

nasiriani@ssu.ac.ir

###### Recruitment status

**Recruitment complete**

###### Funding source

Shahid Sadoughi University of Medical Sciences

###### Expected recruitment start date

2011-05-01, 1390/02/11

###### Expected recruitment end date

2011-10-30, 1390/08/08

###### Actual recruitment start date

empty

###### Actual recruitment end date

empty

###### Trial completion date

empty

###### Scientific title

Comparative effectiveness of telephone counseling and education effect on breast cancer screening in family caregiver of breast cancer patients

###### Public title

Comparative effectiveness of telephone counseling and education effect on breast cancer screening in family caregiver of breast cancer patients

###### Purpose

Prevention

###### Inclusion/Exclusion criteria

Inclusion criteria :being woman ;having a family history of breast cancer (such as mother, sister, daughter or other caregiver) ; being aged 40 years and above, having access to the phone ;not being deaf or having hard of hearing and speaking ; Ability to speak Farsi;no history of breast cancer. Exclusion criteria: unwilling to continue

cooperation  
**Age**  
From **39 years** old  
**Gender**  
Female

**Phase**  
N/A  
**Groups that have been masked**  
*No information*

**Sample size**  
Target sample size: **184**  
**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 Shahid Sadoughi University of Medical Sciences

##### Street address

Central Building of University ,Bahonar Square

##### City

yazd

##### Postal code

#### Approval date

2010-12-06, 1389/09/15

#### Ethics committee reference number

90

## 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

Mammography

#### Timepoint

Baseline, ninety days

#### Method of measurement

interview

## Secondary outcomes

empty

## Intervention groups

### 1

#### Description

In the intervention group telephone counseling and education in about 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 and tree months after intervention.

#### Category

Prevention

### 2

#### Description

In the control group participates will not receive any educational program and telephone counseling. Evaluation will be done before and tree months after intervention.

#### Category

Prevention

## Recruitment centers

### 1

#### Recruitment center

##### Name of recruitment center

Shahid Sadoughi Hospital

##### Full name of responsible person

Khadijeh Nasiriani

##### Street address

Shahid Sadoughi Hospital , Reyazi Sq, Safaeye

##### City

yazd

## Sponsors / Funding sources

### 1

#### Sponsor

##### Name of organization / entity

Shahid Sadoughi University of Medical Sciences

##### Full name of responsible person

Amir Hoshang Mehrparvar

##### Street address

Deputy for research, Central Building of Shahid Sadoughi University of Medical Sciences, Bahonar Square

##### City

yazd

**Grant name**

**Grant code / Reference number**

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

Yes

**Title of funding source**

Shahid Sadoughi 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**

Shahid Sadoughi University of Medical Sciences

**Full name of responsible person**

Khadijeh Nasiriani

**Position**

PhD in Nursing

**Other areas of specialty/work**

**Street address**

School of Nursing & Midwifery ,Buali st, Safaieh

**City**

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**Postal code**

8916877443

**Phone**

+98 35 3824 9702

**Fax**

**Email**

nasiriani@gmail.com; nasiriani@ssu.ac.ir

**Web page address**

**Person responsible for scientific inquiries**

**Contact**

**Name of organization / entity**

Shahid Sadoughi University of Medical Sciences

**Full name of responsible person**

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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*