

Clinical Trial Protocol

Iranian Registry of Clinical Trials

17 Jul 2026

The Effect of Health Belief Model-Based Training on Prostate Cancer Screening Behaviors among the Retired Clerks of Shiraz Department of Education in 2013; A randomized Controlled Clinical Trial

Protocol summary

Summary

We aimed to investigate the effects of health belief model (HBM)-based training on prostate cancer screening behaviors. Inclusion criteria : no history of prostate cancer and benign prostatic hyperplasia; age of 50 to70 . exclusion criteria : absence in training sessions ; participation in similar training courses. In this non-blinded randomized controlled clinical trial, we enrolled 210 men aged 50-70 during fall to winter 2013. We selected our participants from the population of men, who were retired from Shiraz Department of Education. Balanced block randomization method was used to randomize the final participants, who had inclusion criteria into case (n=93) and control (n=87) groups. they attended training workshops consisted of two four-hour sessions for two days, in groups of 15 participants based on HBM and with respect to belief and awareness need assessment. During the sessions, they were trained about the anatomy and function of prostate, risk factors, symptoms and complications of prostate cancer and methods of prostate cancer screening as well as its benefits and disadvantages. The researcher used educational methods such as lecture, group discussion, question and answer session, educational movies and booklets. Control group did not receive training. Data were collected by interviewing the participants using three questionnaires included BMH and the Knowledge about Prostate Cancer Screening questionnaires as well as demographic questionnaire at before and one month after intervention. For the assessment of prostate cancer screening, All of the men in the intervention group gave free referral form for consultation with a urologist and prostate cancer screening .

General information

Acronym

Prostate Cancer Screening

IRCT registration information

IRCT registration number: **IRCT2013090911691N3**

Registration date: **2014-04-09, 1393/01/20**

Registration timing: **retrospective**

Last update:

Update count: **0**

Registration date

2014-04-09, 1393/01/20

Registrant information

Name

Fariba Ghodsbin Jahromi

Name of organization / entity

Shiraz University of Medical Sciences

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Recruitment status

Recruitment complete

Funding source

Shiraz University of Medical Sciences

Expected recruitment start date

2013-10-03, 1392/07/11

Expected recruitment end date

2013-12-05, 1392/09/14

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

The Effect of Health Belief Model-Based Training on Prostate Cancer Screening Behaviors among the Retired Clerks of Shiraz Department of Education in 2013; A randomized Controlled Clinical Trial

Public title

The Effect of Health Belief Model-Based Training on Prostate Cancer Screening Behaviors among the Retired Clerks of Shiraz Department of Education in 2013; A randomized Controlled Clinical Trial

Purpose

Screening

Inclusion/Exclusion criteria

Inclusion criteria :willingness to participate in the study; completing written informed consent;no history of prostate cancer and benign prostatic hyperplasia; age of 50 to70 and lack of severe vision and hearing impairment. exclusion criteria : absence in training sessions ; participation in similar training courses.

AgeFrom **55 years** old to **70 years** old**Gender**

Male

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**

Medical Ethics Committee of Shiraz University of Medical Sciences

Street address

Zand Bld.Vice chancellor of Shiraz university of medical sciences

City

Shiraz

Postal code**Approval date**

2013-09-02, 1392/06/11

Ethics committee reference number

ct-92-6721

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

Prostate cancer

ICD-10 code

c61

ICD-10 code description

Malignant neoplasm of prostate

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

Knowledge

Timepoint

One month after the intervention

Method of measurement

Prostate Cancer Screening Knowledge Questionnaire

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

Health Belief Model component

Timepoint

One month after the intervention

Method of measurement

HBM questionnaire screening for prostate cancer

2**Description**

Screening behavior

Timepoint

One and three months after intervention

Method of measurement

Participation in free screening programs

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

During the sessions, they Will be trained about the anatomy and function of prostate, risk factors, symptoms and complications of prostate cancer and methods of prostate cancer screening as well as its benefits and disadvantages they will attend training workshops consisted of two four-hour sessions for two days, in groups of 15 participants based on HBM and with respect to belief and awareness need assessment.All the

participants in the case group Will receive referral forms for free consultation with an urologist and prostate cancer screening And then a month and three-month follow-up for the free screening program .

Category

Early detection

2

Description

Control group no intervention

Category

Early detection

Recruitment centers

1

Recruitment center

Name of recruitment center

Shiraz general department of retirement

Full name of responsible person

Maryam zare

Street address

Parseh square,Pasargad Blvd,Paeze street,1salamat complex,6th floor,unit 24

City

Shiraz

Sponsors / Funding sources

1

Sponsor

Name of organization / entity

Research Deputy of Shiraz University of Medical Science

Full name of responsible person

Dr Gholam Reza Hattam

Street address

Zand Bld, 7th Floor Research Deputy of Shiraz University of Medical Sciences

City

Shiraz

Grant name

Grant code / Reference number

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

Yes

Title of funding source

Research Deputy of Shiraz University of Medical Science

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

Shiraz University of Medical Sciences

Full name of responsible person

Fariba Ghodsbin

Position

Ms Nursing

Other areas of specialty/work

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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