

Clinical Trial Protocol

Iranian Registry of Clinical Trials

16 Sep 2026

The effect of community-based interventions on screening for prostate cancer based on health belief model

Protocol summary

Study aim

Determining the Effect of Community Based Interventions on Prostate Cancer Screening in the Elderly Based on Health Belief Model.

Design

First, list the selected centers as a list, and then try to present them with a self-presentation and purpose of research by providing pamphlets, brochures, slides and educational videos on people with prostate cancer. Will help older people understand the depth of this risk and the seriousness of its various physical, psychological, social and economic consequences

Settings and conduct

The statistical population includes all elderly men over 60-75 years old who have health files in Malaier comprehensive health service centers in 2020.

Participants/Inclusion and exclusion criteria

Men between 60-75 years old, who were willing to participate in research, being elderly, married, having the ability to answer questions, not having prostate cancer, not having advanced and malignant disease, having low literacy, Full independence in care

Intervention groups

Elderly 60-75 year olds living in Malaier city with health records in comprehensive health centers

Main outcome variables

Prostate cancer screening behaviors in the elderly

General information

Reason for update

Acronym

IRCT registration information

IRCT registration number: **IRCT20180721040540N3**

Registration date: **2020-03-27, 1399/01/08**

Registration timing: **prospective**

Last update: **2020-03-27, 1399/01/08**

Update count: **0**

Registration date

2020-03-27, 1399/01/08

Registrant information

Name

Heshmatolah Heydari

Name of organization / entity

Country

Iran (Islamic Republic of)

Phone

+98 66 3312 0160

Email address

heidari.h@lums.ac.ir

Recruitment status

Recruitment complete

Funding source

Expected recruitment start date

2020-04-02, 1399/01/14

Expected recruitment end date

2020-07-04, 1399/04/14

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

The effect of community-based interventions on screening for prostate cancer based on health belief model

Public title

The effect of community-based interventions on screening for prostate cancer based on health belief model

Purpose

Education/Guidance

Inclusion/Exclusion criteria

Inclusion criteria:
Male Willing to participate in the study Physical healthy
Orientation Literacy for reading and writing
Independence for self care Married Age: 60-75 years old
Exclusion criteria:
Recent history for advanced and malignant disease
Taking psychotropic drugs Drug use

Age
From **60 years** old to **75 years** old

Gender
Male

Phase
N/A

Groups that have been masked

- Participant

Sample size
Target sample size: **250**

Randomization (investigator's opinion)
Randomized

Randomization description
The method of sampling was convenience method.
Eligible subjects with using the Permuted block
randomization will have located in the intervention or
control groups. The age (60-69 and 70-75), and level of
education of subjects, will consider as stratified in the
inside of blocks.

Blinding (investigator's opinion)
Single blinded

Blinding description
Samples will be randomly divided into intervention and
control groups, and will be unaware of their groups.

Placebo
Not used

Assignment
Parallel

Other design features

Secondary Ids

empty

Ethics committees

1

Ethics committee

Name of ethics committee
Ethics Committee of Lorestan University of Medical
Sciences

Street address
Research Deputy Lorestan University of Medical
Sciences, Kilometrs 4 Khoramabad- Boroujerd road

City
Khorramabad

Province
Lorestan

Postal code
381251698

Approval date
2020-03-01, 1398/12/11

Ethics committee reference number
IR.LUMS.REC.1398.260

Health conditions studied

1

Description of health condition studied
Prostate Cancer

ICD-10 code
C60

ICD-10 code description
Postprocedural (acute) (chronic) kidney failure

Primary outcomes

1

Description
Screening for prostate cancer

Timepoint
Apr to joule 2020

Method of measurement
Questionnaire

2

Description
Increased Prostate Cancer Screening Behaviors

Timepoint
Before and after

Method of measurement
Questionnaire

Secondary outcomes

empty

Intervention groups

1

Description
Intervention group: the intervention in this study will be
based, of the health belief model constructs including,
perceived sensitivity, perceived benefits and perceived
barriers. The researcher, after attending the home of
subjects, will teach information based the level of
knowledge and understanding of the elderly and their
family. The education will be held by lecture, answer and
question methods and use of brochures, photos and
videos.

Category
Early detection

2

Description
Control group: the control group will receive routine
services of comprehensive health centers.ve health
centers

Category

Early detection

Recruitment centers

1

Recruitment center

Name of recruitment center

Health network of Malayer city

Full name of responsible person

Heshmatolah Heydari

Street address

No. 5/128, Ahmadi branch., Vali Bakhshi Street

City

Malayer

Province

Hamadan

Postal code

6571986133

Phone

+98 81 3334 3621

Email

Masoodahmadvand.nurse63@gmail.com

Web page address

<http://malayer.umsha.ac.ir/index.aspx?fkeyid=&siteid=27&pageid=721>

Sponsors / Funding sources

1

Sponsor

Name of organization / entity

Khoram-Abad University of Medical Sciences

Full name of responsible person

Dr. Ebrahim Fallahi

Street address

Khorramaba- Broujerd road., Kilometers 4.,
Kamalvand., Deputy of research and technology.,
Lorestan University of Medical Sciences

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+98 66 3312 0173

Email

research@lums.ac.ir

Web page address

<http://research.lums.ac.ir/>

Grant name

Deputy of research and technology., Lorestan University
of Medical Sciences

Grant code / Reference number

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

Yes

Title of funding source

Khoram-Abad University of Medical Sciences

Proportion provided by this source

100

Public or private sector

Public

Domestic or foreign origin

Domestic

Category of foreign source of funding

empty

Country of origin

Type of organization providing the funding

Academic

Person responsible for general inquiries

Contact

Name of organization / entity

Khoram-Abad University of Medical Sciences

Full name of responsible person

Heshmatolah Heydari

Position

Assistant Professor University

Latest degree

Ph.D.

Other areas of specialty/work

Nursery

Street address

Khorramabad Complex Campus of Medical Sciences,
Near Payam Noor University, After Police station,
Boroujerd road to Khorramabad

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Phone

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Email

Hidari74@gmail.com

Person responsible for scientific inquiries

Contact

Name of organization / entity

Khoram-Abad University of Medical Sciences

Full name of responsible person

Dr. Heshmatolah Heydari

Position

Assistant Professor

Latest degree

Ph.D.

Other areas of specialty/work

Nursery

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Person responsible for updating data

Contact

Name of organization / entity

Khoram-Abad University of Medical Sciences

Full name of responsible person

Masoud Ahmadvand

Position

Nurs

Latest degree

Bachelor

Other areas of specialty/work

Nursery

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Email

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Sharing plan

Deidentified Individual Participant Data Set (IPD)

Yes - There is a plan to make this available

Study Protocol

Yes - There is a plan to make this available

Statistical Analysis Plan

Yes - There is a plan to make this available

Informed Consent Form

Undecided - It is not yet known if there will be a plan to make this available

Clinical Study Report

Yes - There is a plan to make this available

Analytic Code

Yes - There is a plan to make this available

Data Dictionary

Yes - There is a plan to make this available

Title and more details about the data/document

Screening for prostate cancer

When the data will become available and for how long

6 months after doing the research

To whom data/document is available

Medical science researchers and medical students
researchers

Under which criteria data/document could be used

Conducting research to improve the health of the elderly

From where data/document is obtainable

Library of Nursing Faculty of Lorestan University of
Medical Sciences Nursing

What processes are involved for a request to access data/document

Contact the Researcher by Email and After Coordination,
Visit the Library of Nursing School of Lorestan University
of Medical Sciences and Download

Comments