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
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 Permutated 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 Ju 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
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

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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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

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

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

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Hidari74@gmail.com

Person responsible for scientific inquiries

Contact

Name of organization / entity
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Full name of responsible person
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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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6571944919
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masoodahmadvand.nurse63@gmail.com

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

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