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 Heidari
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 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, Kilometres 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

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.

Category
- empty
### Recruitment centers

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<thead>
<tr>
<th>Recruitment center</th>
<th>Health network of Malayer city</th>
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<tbody>
<tr>
<td><strong>Full name of responsible person</strong></td>
<td>Heshmatolah Heydari</td>
</tr>
<tr>
<td><strong>Street address</strong></td>
<td>No. 5/128, Ahmadi branch., Vali Bakhshi Street</td>
</tr>
<tr>
<td><strong>City</strong></td>
<td>Malayer</td>
</tr>
<tr>
<td><strong>Province</strong></td>
<td>Hamadan</td>
</tr>
<tr>
<td><strong>Postal code</strong></td>
<td>6571986133</td>
</tr>
<tr>
<td><strong>Phone</strong></td>
<td>+98 81 3334 3621</td>
</tr>
<tr>
<td><strong>Email</strong></td>
<td><a href="mailto:Masoodahmadvand.nurse63@gmail.com">Masoodahmadvand.nurse63@gmail.com</a></td>
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### Sponsors / Funding sources

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<tr>
<th>Sponsor</th>
<th>Khoram-Abad University of Medical Sciences</th>
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<tr>
<td><strong>Full name of responsible person</strong></td>
<td>Dr. Ebrahim Fallahi</td>
</tr>
<tr>
<td><strong>Street address</strong></td>
<td>Khorramaba- Broujerd road., Kilometers 4., Kamalvand., Deputy of research and technology., Lorestan University of Medical Sciences</td>
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<td><strong>Email</strong></td>
<td><a href="mailto:research@lums.ac.ir">research@lums.ac.ir</a></td>
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</tr>
<tr>
<td><strong>Grant name</strong></td>
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<tr>
<td><strong>Title of funding source</strong></td>
<td>Deputy of research and technology., Lorestan University of Medical Sciences</td>
</tr>
</tbody>
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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**