KNOWLEDGE, ATTITUDE AND PRACTICE OF PROSTATE CANCER SCREENING AMONG MALES VISITING KENYATTA NATIONAL HOSPITAL

A RESEARCH PROPOSAL SUBMITTED IN PART FULFILLMENT OF THE REQUIREMENT FOR THE AWARD OF THE DEGREE OF BACHELOR OF SCIENCE IN NURSING OF THE UNIVERSITY OF NAIROBI

AUTHOR
KARIUKI ELIZABETH WAIRIMU
H32 / 7445 02
SCHOOL OF NURSING SCIENCES
UNIVERSITY OF NAIROBI

SUPERVISOR
MRS. MARGARET MUIVA
LECTURER, UNIVERSITY OF NAIROBI
SCHOOL OF NURSING SCIENCES

SEPTEMBER 2006
DECLARATION

I, Kariuki Elizabeth Wairimu hereby declare that this research proposal is my original work and has not been presented for any award of degree or diploma in any university.

Signature .......... Date ........
CERTIFICATE OF APPROVAL

This research proposal has been submitted for examination for the degree of Bachelor of Science in nursing with my approval as the university supervisor.

Signature ........................................ Date 4/9/06.
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You are all great, God bless you!
# TABLE OF CONTENTS

<table>
<thead>
<tr>
<th>Section</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Declaration</td>
<td>i</td>
</tr>
<tr>
<td>Certificate of approval</td>
<td>ii</td>
</tr>
<tr>
<td>Acknowledgement</td>
<td>iii</td>
</tr>
<tr>
<td>Abbreviations</td>
<td>vi</td>
</tr>
<tr>
<td>Operational definitions</td>
<td>vii</td>
</tr>
<tr>
<td>Executive summary</td>
<td>ix</td>
</tr>
</tbody>
</table>

## CHAPTER ONE

1.1 Introduction
1.2 Problem statement
1.3 Justification
1.4 Expected benefits
1.5 Objectives of the study
1.5.1 main objective
1.5.2 specific objectives
1.6 hypothesis
1.7 research questions

## CHAPTER TWO: LITERATURE REVIEW

2.1 introduction
2.2 definition of cancer of the prostate
2.3 complications of prostate cancer
2.4 knowledge and attitude of prostate cancer screening
2.5 practice of prostate cancer screening

## CHAPTER THREE: METHODOLOGY

3.1 study design
3.2 study area
3.3 study population
3.4 sampling criteria
3.4.1 inclusion criteria
<table>
<thead>
<tr>
<th>Section</th>
<th>Title</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>3.4.2</td>
<td>exclusion criteria</td>
<td>10</td>
</tr>
<tr>
<td>3.5</td>
<td>sample size determination</td>
<td>10</td>
</tr>
<tr>
<td>3.6</td>
<td>sampling method</td>
<td>11</td>
</tr>
<tr>
<td>3.7</td>
<td>study instrument</td>
<td>11</td>
</tr>
<tr>
<td>3.8</td>
<td>pre-testing of the study instrument</td>
<td>12</td>
</tr>
<tr>
<td>3.9</td>
<td>selection and training of research assistants</td>
<td>12</td>
</tr>
<tr>
<td>3.10</td>
<td>data recording and processing</td>
<td>12</td>
</tr>
<tr>
<td>3.11</td>
<td>data presentation</td>
<td>12</td>
</tr>
<tr>
<td>3.12</td>
<td>control of biases and errors</td>
<td>13</td>
</tr>
<tr>
<td>3.13</td>
<td>ethical considerations</td>
<td>13</td>
</tr>
<tr>
<td>3.14</td>
<td>study limitations</td>
<td>13</td>
</tr>
<tr>
<td>References</td>
<td></td>
<td>15</td>
</tr>
</tbody>
</table>

**APPENDICES**

Appendix 1 Budget
Appendix 2 Ghant chart
Appendix 3 letter seeking authority to conduct research
Appendix 4 research participants consent form
Appendix 5 questionnaire
ABBREVIATIONS

A.C.S  American Cancer Society

B.S.C. N  Bachelor of Science in Nursing

D.R.E  Direct Rectal Examination

K.E.M.R.I  Kenya Medical Research Institute

K.N.H  Kenyatta National Hospital

N.C.R  Nairobi Cancer Registry

P.S.A  Prostate Specific Antigen

S.P.S.S  Statistical Package for Social Sciences

W.H.O  World Health Organization
OPERATIONAL DEFINITIONS

PEOPLE AT RISK
Healthy people who are highly susceptible to develop a particular disease particularly because of genetic predisposition or because of risk of cross infection from the diseased persons.

CANCER
A malignant tumor including carcinoma and sarcoma. It arises from abnormal and uncontrolled division of cells that then invade and destroy the surrounding tissues.

CARCINOMA
Cancer that arises in the epithelium. It may occur in any tissue containing epithelial cells.

LIFE EXPECTANCY
Life expectancy at birth refers to the average number of years one could be expected to live given the prevailing age specific mortality rates for a specific year.

MALIGNANT
A tumor that invades and destroys tissue in which it originates and can spread to other sites in the body.

METASTASIS
This is the spread of cancer cells. It may occur via the blood stream or lymphatic channels or across body cavities thus setting up secondary tumors at sites distant from the original tumor.

NEOPLASIA
This is the formation of abnormal cells.

NEOPLASM
Any new and abnormal growth that can be benign or malignant.
SCREENING TEST
A test carried out on a large number of apparently healthy people to separate those who probably have a specified disease from those who do not.
EXECUTIVE SUMMARY

This is a cross sectional study seeking to find out the knowledge, attitude and practice of prostate cancer screening among males visiting Kenyatta National Hospital (K.N.H). A questionnaire will be used to collect data from the study population. The participants in the study will be selected via the convenience non-probability sampling method. A sample size of four hundred and fourteen participants will be involved. Four trained research assistants, B.Sc.N students, will be used to execute the research. The study is expected to take five days and will cost Ksh. 23,947. Authority will be sought from the research and ethical committee.

The results of this study will be used to predict the future morbidity and mortality rate of prostate cancer in Kenya. The results will also give a way forward on how to improve prostate cancer screening services so as to serve clients effectively and appropriately and improve health care education to increase awareness of prostate cancer especially to the vulnerable and assist them to make informed decisions towards the practice of prostate cancer screening.