UNIVERSITY OF NAIROBI

SCHOOL OF NURSING SCIENCES

RESEARCH PROPOSAL

A RESEARCH PROPOSAL SUBMITTED IN PARTIAL FULFILMENT FOR THE AWARD OF THE DEGREE OF SCIENCE IN NURSING (BSC. N) OF THE UNIVERSITY OF NAIROBI.

TITLE

THE ROLE OF CHILD HEALTH CLINICS IN PROMOTING THE USE OF INSECTICIDE TREATED MOSQUITO NETS IN PREVENTING MALARIA AMONG CHILDREN UNDER THE AGE OF FIVE YEARS.

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DECLARATION

I, Matheka hereby, declare that the research proposal is my own original work and has not been presented for any degree or diploma award in any University or College.

Signature __________________________ Date 3/09/07
CERTIFICATE OF APPROVAL

This research proposal has been submitted for examination for award of the degree of Bachelor of Science in Nursing in University of Nairobi with my approval as a University lecturer.

Signature ___________________________

Date  9/10/07

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<table>
<thead>
<tr>
<th>ABBREVIATIONS</th>
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<tbody>
<tr>
<td>AIDS</td>
<td>Acquired Immunodeficiency Syndrome</td>
</tr>
<tr>
<td>E.A.M.J</td>
<td>East Africa Medical Journal</td>
</tr>
<tr>
<td>KAP Study</td>
<td>Knowledge, Attitude Practice Study</td>
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<tr>
<td>MOH</td>
<td>Ministry of Health</td>
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<tr>
<td>GOK</td>
<td>Government of Kenya</td>
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<tr>
<td>ITNs</td>
<td>Insecticide Treated Nets</td>
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<tr>
<td>DOMU</td>
<td>Division of outbreak management unit</td>
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<tr>
<td>UNICEF</td>
<td>United Nations Children Fund</td>
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<tr>
<td>CHCs</td>
<td>Child Health Clinics</td>
</tr>
<tr>
<td>NGOs</td>
<td>Non Governmental Organizations</td>
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<tr>
<td>RBM</td>
<td>Roll Back Malaria</td>
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<tr>
<td>IDS/R</td>
<td>Integrated Disease, Surveillance and Response</td>
</tr>
<tr>
<td>HIV</td>
<td>Human Immunodeficiency Virus</td>
</tr>
<tr>
<td>TB</td>
<td>Tuberculosis</td>
</tr>
<tr>
<td>M</td>
<td>Million</td>
</tr>
<tr>
<td>P</td>
<td>Plasmodium</td>
</tr>
<tr>
<td>SPSS</td>
<td>Statistical Package for Social Science</td>
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<tr>
<td>RBCs</td>
<td>Red Blood Cells</td>
</tr>
<tr>
<td>WHO</td>
<td>World Health Organization</td>
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<td>KNH</td>
<td>Kenyatta National Hospital</td>
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OPERATIONAL DEFINITIONS

Anopheles - A type of mosquito whose many species carry the protozoa plasmodium

Epidemiology - Is a study of determinants of disease, infectious or chronic or anything that descend upon people

Child Health Clinic - Any clinic, government or private that gives health care to children under 5 years

Insecticide treated nets - A mosquito net that has been soaked in an insecticide solution like permethrin that repels or kills mosquito

Morbidity - Is a disease or illness

Mortality - Is death from illness or a certain condition

Prevalence - Individuals within a population who already have a disease or condition

Plasmodium - A protozoa parasite which is the causal microorganism for malaria

Stable malaria transmission zone – An area where symptomatic malaria infection occurs

Transmission – Passing of an infectious microorganism from one organism to another.
EXECUTIVE SUMMARY

This is a cross sectional descriptive quantitative and qualitative study to establish the role of child health clinics in promoting the use of insecticide treated nets [ITNs] in the prevention of malaria among children under five years.

The research will be done in Makindu division, Kibwezi district, Eastern Province which lies along Nairobi – Mombasa highway Kenya. Here malaria is a leading case of both morbidity and mortality and the use of ITNs for prevention is questionable.

A questionnaire administered by research assistants shall be used to collect data after authority has been sort to conduct the research.

The results will be analyzed using SPSS computer package. They will be organized and presented using descriptive like bar graphs, frequency distribution and measures of central tendency. Inferential statistics will be done using chi square.

The research will take a total of 20 weeks at a cost of Kshs. 284730/= When conducting the research ethical considerations will be respected. the results will be used to give facts concerning prevention of malaria by use of ITNs among children under 5 years.

This proposal will be submitted in partial fulfillment for the a ward of the degree of Science in Nursing (BSCN) of the University of Nairobi.