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To know and to act: A tale of the effect of knowledge on uptake of Breast Cancer prevention modalities among women of child bearing age in Kyadondo country, Uganda.

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Background: Breast cancer, the third most frequent cancer of women is preventable through knowledge on breast self-examination. Of the 44% of women diagnosed with breast cancer at the Uganda Cancer Institute, only 22% go for check-up in less than three months. This study explored the effect of breast cancer knowledge on the uptake of breast cancer prevention modalities among women in Kyadondo County, Uganda.

Methods: A household survey among women of child bearing age in Kyadondo County was conducted during June, 2014 to August, 2015. This involved studying in-depth using a questionnaire the level of breast cancer knowledge of the respondents. Data was analyzed using logistic regression model. Chi-square test was used to establish relationships between knowledge base factors and the uptake of breast cancer prevention modalities.

Results: This study has established an empirical relationship between uptake of breast cancer prevention modalities and source of information especially radio (OR 1.94 95% CI: 1.16-3.24), television (OR 1.82 95% CI: 1.14-2.93), awareness of


breast cancer (OR 4.03 95% CI: 1.01-15.98), knowledge on how to reduce risk of breast cancer (OR 1.98 95% CI: 1.20-3.27), what reduces breast cancer acquisition (OR 2.75 95% CI: 1.42-5.35), how to check for signs of breast cancer especially through breast self-examination (OR 3.09 95% CI: 1.62-5.88), and other methods of breast cancer diagnosis in a health care set up.

Conclusion: The women's level of breast cancer awareness as a primary prevention strategy was found wanting, and requires a boost through community health education

Speaker Biography

Taremwa Ivan Mugisha is a Medical Laboratory Scientist currently working as a Lecturer/Researcher in the Institute of Allied Health Sciences at Clarke International University (Formerly, International Health Sciences University). Ivan holds a Master's Degree in Medical Laboratory Sciences of Mbarara University of Science and Technology. He has authored a number of publications with focus on Cancer and Malaria prevention, Opportunistic infections in HIV/AIDS, Laboratory Quality Management and the diagnostic challenges of infectious diseases in a limited resource set up. Ivan is a peer reviewer of International Journals, a member of International Society of Blood Transfusion and American Society of Hematology.

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