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Public health research contribution to breast and cervical cancer prevention and treatment

Bridgette Barbara Nalumu

Green and Purple Consultancy Network, Uganda

Early detection is a secondary prevention intervention in public health alongside screening and effective treatment. It is particularly useful in cancer prevention research through a set of validated principles. The main aim of this presentation is to discuss current and upcoming public health research on preventing and early treatment of breast and cervical cancer. These are the most common and deadliest cancers among women and are recorded to cause high numbers of deaths all around the world with rising cases in low-resource settings. Beyond the promotion of screening for breast and cervical cancer, other levels of prevention and early treatment are presented in evidence that can save many lives if well implemented beyond the pilot stages. This presentation will bring together evidence from reputable journal publications and studies from international databases in support of these prevention and treatment methods and discuss their viability for implementation in different situations under discussion; as well as recommendations towards sustainable interventions. Key findings show that all levels of prevention are effective in the drive towards eliminating breast and cervical cancer. Primary, secondary and tertiary prevention is more established in high-resource settings while low-resource settings are still focusing on primary and secondary prevention interventions. Nevertheless, quaternary prevention is a growing need in both settings. These results confirm the urgent need to promote secondary prevention, as early detection, with a greater focus on interventions in all other prevention levels.

Biography

Bridgette has completed her Master of Science in public health from the University of South Wales. She is a consultant at the Green and Purple Consultancy network on the Ugandan chapter with a keen interest in men's public health as well as general preventive medicine.