

Bartholomeo Nicholas Ngowi

PhD candidate fellow in the Network for Oncology Research in sub-Saharan Africa
KCMC/KCRI, Kilimanjaro, Tanzania



The diagnostic ability of prostate cancer antigen 3 in the diagnosis of prostate cancer among indigenous Africans

I have recently performed a Community based prostate cancer screening using serum prostate specific antigen (PSA) and ultrasound. The study included indigenous African men aged >40yrs in Northern Tanzania. The serum that remained after PSA analysis has been bio banked at KCRI biotechnology lab for determination of diagnostic ability of prostate cancer antigen 3 (PCA3) to detect prostate cancer as compared to serum PSA.

I expect to determine diagnostic ability of serum PCA3 in detecting prostate cancer as compared to PSA and hence recommend on the best tool that can be used for prostate cancer screening among indigenous Africans.

Research Task 3.4

Supervisors:

Prof. Blandina Mmbaga, Prof. Mteta, Prof. Nyindo