

Prof Wanyoro Anthony Staff Profile



1.1 Personal profile

1.1.1 Personal details

Name: Wanyoro Anthony K.

Nationality: Kenyan

Designation: Associate Professor, School of Medicine, Department of Obstetrics and gynecology, Kenyatta University.

1.1.2 Academic and professional qualification

- 2012-2015: Kenyatta University: PHD (Epidemiology)
- 2002-2003: Kenya Medical practitioners board qualification for specialist recognition
- 1997-2002: University of Nairobi: Master in Medicine obstetrics and gynecology.
- 1992-1993: Kenya Medical practitioners board qualification for internship
- 1987-1992: University of Nairobi: Bachelor of Medicine and Bachelor of Surgery

1.1.3: Employment history

- 2019-Date: Associate Professor Department of Obstetrics and Gynaecology, School of Medicine, Kenyatta University.
- 2010-2019: Senior lecturer, Department of Obstetrics and Gynaecology, School of Medicine, Kenyatta University.
- 2015-2017: Ag. Director, Kenyatta University Teaching, Research and Referral Hospital.
- 2010-2015: Chairman, Department of Obstetrics and Gynaecology, School of Medicine, Kenyatta University.
- 2002-2010: Obstetrician/Gynecologist, Thika District Hospital
- 1997-2002: Master's program in Obstetrics and Gynecology (Registrar).
- 1994-1997: Medical officer, Makindu Sub-District Hospital.
- 1993-1994: Medical officer intern, PGH Nyeri.

1.1.4: Major achievement

- Five (5) years (two terms and one-year extension) as Foundation Chairman of Department of Obstetrics and Gynecology, Kenyatta University
- Eighteen (18) months as Ag. Director Kenyatta University hospital: Defining and setting up systems for the hospital operationalization.
- Initiated and wrote lead the initial development of the Molecular Imaging Centre Development at the KU Teaching, Research & Referral Hospital
- Seven (7) years as chairman of Kenyatta University Health Service Board
- Attained an earned PHD in Epidemiology
- Spearheaded the development of the curriculum for Master of Medicine in Obstetrics and Gynecology at Kenyatta University
- Supervised 7 PhD students to completion
- Supervised over 12 Master students to completion

1.2 **Research and Publications**

1.2.1 **Papers Published in Refereed Journals**

1. F.N. Karanja, **A.K. Wanyoro**, (2011): Understanding the spatial prevalence of cervical cancer using GIS in Nairobi, Kenya: *Applied Geoinformatics for Society and Engineering. AGSE publications, Karlsruhe, Germany ISBN 978-3-943321-00-5.*
2. Aiken, AM; Karuri, DM; **Wanyoro, AK**; Macleod, J (2012): Interventional studies for preventing surgical site infections in sub-Saharan Africa - A systematic review. *International journal of surgery, 10 (5). pp. 242-9. ISSN 1743-9191 DOI: 10.1016/j.ijso.2012.04.004*
3. A.M. Aiken, **A.K. Wanyoro**, J. Mwangi , P. Mulingwa , J. Wanjohi, J. Njoroge, F. Juma, I.K. Mugoya, J.A.G. Scott, f, A.J. Hall (2013): Evaluation of surveillance for surgical site infections in Thika Hospital, Kenya: *Journal of Hospital Infection 83 (2013) 140e145*
4. Aiken AM, **Wanyoro AK**, Mwangi J, Juma F, Mugoya IK, J. Anthony Scott. (2013): Changing Use of Surgical Antibiotic Prophylaxis in Thika Hospital, Kenya: A Quality Improvement Intervention with an Interrupted Time Series Design. *PLoS ONE 8(11): e78942. doi: 10.1371/journal.pone.0078942*
5. **Wanyoro A.K**, Kabiru E, Bukusi E (2015): Cervical Cancer Screening Adherence And The SMS: Screening Adherence And Availability Of The Mobile Phone SMS In Women Attending The Outpatient Clinic At Thika Hospital. *The East and Central African Medical Journal 2015(2)1*
6. Jeremy M. Njiru, Margret N. Keraka, **Anthony K. Wanyoro** (2016): Challenges to Visual Cervical Cancer Screening Service Integration and Utilization in Imenti South Sub-County Reproductive Health Care System, Meru County – Kenya. *Imperial Journal of Interdisciplinary Research (IJIR) Vol-2, Issue-5, 2016 ISSN: 2454-1362, <http://www.onlinejournal.in>*
7. Judith Lukorito, **Anthony Wanyoro**, Harun Kimani (2017): Uptake of Cervical Cancer Screening among HIV Positive Women in Comprehensive Care Centres in Nairobi, Kenya. *Research in Obstetrics and Gynecology 2017, 5(1): 1-6 DOI: 10.5923/j.rog.20170501.01*
8. Jenna L. Mueller, Elizabeth Asma, Christopher T. Lam, Marlee S. Krieger, Jennifer E. Gallagher, Alaattin Erkanli, Roopa Hariprasad, J.S. Malliga, Lisa C. Muasher, Bariki Mchome, Olola Oneko, Peyton Taylor, Gino Venegas, **Anthony Wanyoro**, Ravi Mehrotra, John W. Schmitt, and Nimmi Ramanujam (2017): International Image Concordance Study to Compare a Point-of-Care Tampon Colposcope With a Standard-of-

Care Colposcope. *Journal of Lower Genital Tract Disease* • Volume 21, Number 2, April 2017.

9. **Wanyoro A.K**, Kabiru EW, Bukusi E (2015): Cervical Cancer screening adherence and the SMS: Screening adherence and availability of the mobile phone SMS in Women attending the outpatient clinic at Thika Level 5 Hospital. *East and Central Africa Medical Journal* 2(1)3-6.
10. **Wanyoro A. K.** Kabiru E.W., (2017): Use of Mobile Phone Short Text Message Service to Enhance Cervical Cancer Screening at Thika Level 5 Hospital, Kiambu County, Kenya: A Randomized Controlled Trial. *Research in Obstetrics and Gynecology* 2017, 5(1): 10-20 DOI: 10.5923/j.rog.20170501.03
11. Francis M. Muoki, Prof. Ephantus W. Kabiru, **Dr. Anthony K. Wanyoro (2017):** Management of Type 2 Diabetes Mellitus by Diabetic Clients in Nyandarua South Sub – County, Kenya. *Global Journal of Health Science, ISSN 2519-0210 (Online) www.iprjb.org, Vol.2, Issue 2 No.3, pp 35 – 53.*
12. Agnes Wavinya Nzioka, Akunga Daniel Nyagetiria, **Wanyoro Anthony Karanja (2018)** Individual Attributes Influencing Cervical Cancer Screening Services in Selected Health Facilities in Machakos County: *Journal of Cancer Treatment and Research. Vol. 6, No. 1, 2018, pp. 1-6. doi: 10.11648/j.jctr.20180601.11*
13. Ryan Keating, Rikita Merai, Paul Mubiri, Darius Kajjo, Christopher Otare, David Mugume, Fitti Weissglas, Peter Waiswa, Phelgona Otieno, Leah Kirumbi, **Anthony Wanyoro**, Gertrude Namazzi, Kevin Achola, Roger Myrick, Elizabeth Butrick, Dilys Walker (2019). Assessing effects of a data quality strengthening campaign on completeness of key fields in facility-based maternity registers in Kenya and Uganda. *East African Journal of Applied Health Monitoring and Evaluation Issue 3 February 2019 page 36-42*
14. Angie Sway, Peter Nthumba, Joseph Solomkin, Giorgio Tarchini, Ronald Gibbs, Yanhan Ren, **Anthony Wanyoro (2019):** *Burden of surgical site infection following caesarean section in sub-Saharan Africa: a narrative review.* *International Journal of Women's Health* 2019;11 309–318
15. Juma, E., Keraka, M., & **Wanyoro, A.** (2019). Clinical Phenotypes Associated With Preterm Births at Jaramogi Oginga Odinga Teaching and Referral Hospital in Kisumu County, Kenya. *International Journal of Current Aspects*, 3(III), 175-186. <http://journals.ijcab.org/journals/index.php/ijcab/article/view/38>
16. Mwangi Edith, Warutere Peterson, Wanyoro Anthony, Koome Gilbert: (2019): Influence of Menopause on Work Productivity among Health Workers in Public Hospitals in Kiambu County, Kenya: *Afr. J. Health Sci.* 32(1):27-33.
17. Joseph W. Musana, Craig R. Cohen, Miriam Kuppermann, Roy Gerona, **Anthony Wanyoro**, David Aguilar, Nicole Santos, Marleen Temmerman & Sandra J. Weiss (2019) Association of differential symptoms of stress to hair cortisol and cortisone concentrations among pregnant women in Kenya, *Stress*, DOI: [10.1080/10253890.2019.1696305](https://doi.org/10.1080/10253890.2019.1696305)
18. Gitonga E, Nyamari J, Warutere P, **Wanyoro A. (2019)** Influence of short message service reminders on utilization of focused antenatal care among women in rural Kenya: a randomised controlled trial. *African Journal of Midwifery and Women's Health.* 2021. <https://doi.org/10.12968/ajmw.2019.0027>

19. Angie Sway, **Anthony Wanyoro**, Peter Nthumba, Alexander Aiken, Patrick Ching, Anna Maruta, Revathi Gunturu, and Joseph Solomkin (2020). Prospective Cohort Study on Timing of Antimicrobial Prophylaxis for Post-Cesarean Surgical Site Infections. *Surgical Infections*. Aug 2020.552-557. <http://doi.org/10.1089/sur.2018.226>
20. Shaheen Mehtar, **Anthony Wanyoro**, Folasade Ogunsola, Emmanuel A. Ameh, Peter Nthumba, Claire Kilpatrick, Gunturu Revathi, Anastasia Antoniadou, Helen Giamarelou, Anucha Apisarnthanarak, John W. Ramatowski, Victor D. Rosenthal, Julie Storr, Tamer Saied Osman, Joseph S. Solomkin (2020). Implementation of Surgical Site Infection Surveillance in Low- and Middle-Income Countries A Position Statement for the International Society for Infectious Diseases. Available from: <https://www.researchgate.net/publication/343183296>
21. **Wanyoro A**, Ogolla D, Merai R, Otare C, Simotwo R, Mutindi G, Mumo E, Walker D, Otieno P (2020). Outcome of data quality assessments of maternity records across 17 health facilities in Migori County, Western Kenya. *Journal of Global Health Reports*. 2020;4:e2020104. doi:10.29392/001c.1811
22. Kiragu C, Osero JSO, **Wanyoro AK** (2020). Factors influencing women's knowledge at scheduled postnatal visits: a multi-center study in Kakamega, Kenya. *African Journal of Midwifery and Women's Health*. 2021. <https://doi.org/10.12968/ajmw.2020.0044>
23. Kithuka, B N, Prof. Keraka, M, **Prof. Wanyoro A** (2021): Influence of Perception On Treatment Compliance Among Type 2 D Diabetes Patients in Thika Level 5 Hospital, Kiambu County, Kenya. *Research Journal's, Journal of Public Health Vol. 7 | No. 3*: <http://www.researchjournali.com/pdf/5707.pdf>
24. Kithuka, B N, Prof. Keraka, M, **Prof. Wanyoro A** (2021): Knowledge On Treatment Compliance Among Type 2 Diabetes Patients in Thika Level 5 Hospital, Kiambu County, Kenya. *Research Journal's, Journal of Public Health Vol. 7 | No. 3*: <http://www.researchjournali.com/pdf/5704.pdf>
25. Wambugu, M. W., **Wanyoro, A. K.**, & Keraka, M. N. (2021). Impact of Health Promotion Intervention on Perception and Knowledge on Cervical Cancer and Screening among Women in Kirinyaga County, Kenya. *Kabarak Journal of Research & Innovation*, 11(3), 229-239. <http://ojs.kabarak.ac.ke/index.php/kjri/article/view/434>
26. Agnes Muthoni Linus, **Anthony Wanyoro**, Mary Muiruri Gitahi (2021): Demographic and Economic Predictors of Uptake of Cervical Cancer Screening Among Women in Isiolo County, Kenya. *Global Journal of Health Science; Vol. 13, No. 12; 2021*
27. Kithuka, B N, Prof. Keraka, M, **Dr. Wanyoro**: (2021) Level of Treatment Compliance Among Type 2 Diabetic Patients in Thika Level 5 Hospital, Kiambu County, Kenya. *The East and Central African Medical Journal: Volume 5 Number June 2021 ISSN: 2078-5909 DOI: 10.33886/ecamj. v4i1.17*.
28. Mbindyo F S, **Wanyoro A.K.**, Musili. F: Cervical cancer screening barriers and facilitators among female prisoners in selected prisons in Kenya. *The East and Central African Medical Journal: Volume 5 Number June 2021 ISSN: 2078-5909 DOI: 10.33886/ecamj.v 4i1.17*.

29. **Prof Anthony K. Wanyoro** (2021): The Ignored Scourge: Gender Based Violence in Pregnancy and Puerperium in Kenya. *The East and Central African Medical Journal: Volume 5 Number June 2021* ISSN: 2078-5909 DOI: 10.33886/ecamj.v4i1.17.
30. Charles Kiragu Ngigi, Justus Os Osero, **Anthony K Wanyoro** Factors influencing women's knowledge at scheduled postnatal visits: a multi-centre study in Kakamega, African Journal of Midwifery and Women's Health Vol. 15, No. 4
<https://doi.org/10.12968/ajmw.2020.0044>
31. Charles Kiragu Ngigi, Justus Os Osero, **Anthony K Wanyoro**: Mobile phone use among mothers seeking postnatal services in Kakamega County, Kenya: African Journal of Midwifery and Women's Health VOL. 16, NO. 2.
<https://doi.org/10.12968/ajmw.2020.0051> June 2022
32. Bridget Whaley, Elizabeth Butrick, Jessica M Sales, **Anthony Wanyoro**, Peter Waiswa, John N Cranmer: Using clinical cascades to measure health facilities' obstetric emergency readiness: testing the cascade model using cross-sectional facility data in East Africa. . *BMJ Open* 2022;[12:e057954](https://doi.org/10.1136/bmjopen-2021-057954). doi:10.1136/ bmjopen-2021-057954
33. Samwel R. Gesaka, Moses M. Obimbo, **Anthony Wanyoro**: Coronavirus disease 2019 and the placenta: A literature review. *Placenta*, Volume 126, 2022, Pages 209-223, ISSN 0143-4004, <https://doi.org/10.1016/j.placenta.2022.07.007>.
34. Musana Joseph, Cohen Craig R., Kuppermann Miriam, Gerona Roy, **Wanyoro Anthony**, Aguilar David, Santos Nicole, Temmerman Marleen, Weiss Sandra J.: Obstetric risk in pregnancy interacts with hair cortisone levels to reduce gestational length. *Frontiers in Global Women's Health*,3, 2022.
<https://www.frontiersin.org/articles/10.3389/fgwh.2022.878538>.
DOI=10.3389/fgwh.2022.878538. ISSN=2673-5059
35. Ghosh R, Santos N, Butrick E, **Wanyoro A**, Waiswa P, Kim E, Walker D: Stillbirth, neonatal and maternal mortality among caesarean births in Kenya and Uganda: a register-based prospective cohort study. *BMJ Open* 2022;[12 :e055904](https://doi.org/10.1136/bmjopen-2021-055904). doi: 10.1136/ bmjopen-2021-055904
36. Linus, Agnes Muthoni, **Wanyoro, Anthony**, Gitahi, Mary Muiruri: Effect of a Health Communication Strategy on Uptake of Cervical Cancer Screening in Isiolo County, Kenya: *Global Journal of Health Science*; Vol. 15, No. 2; 2023 ISSN 1916-9736 E-ISSN 1916-9744: doi:10.5539/gjhs.v15n2p12 URL: <https://doi.org/10.5539/gjhs.v15n2p12>
37. C Violet Maritim, **Anthony Wanyoro**, John Maingi, Jackim Nyamari, Murima Ng'ang'a: Impact of community strategy package on uptake of reproductive tract infections health services among young street females in the municipality of Eldoret, Kenya. *Gynecology and Obstetrics Clinical Medicine* 3 (2023) 60–64.
<https://doi.org/10.1016/j.gocm.2023.01.009>
38. Seraphine Mbinya Matheka, Dr. Priscilla Kabue, **Prof. Antony Wanyoro**, Francis Matheka Muoki. Determinants of Implementation of Kangaroo Mother Care Services among Healthcare Workers in Makueni County, Kenya *Journal of Health, Medicine and Nursing* ISSN2520-4025(Online)Vol.9, Issue 1. No.3, pp 49-56, 2023. www.iprjb.org

39. Hinson, Chandler Sasser; **Wanyoro, Anthony**; Oburu, Amos; Solomkin, Joseph: Adapting infection prevention and control assessment tools for use in low- and middle-income countries. January 2023 World Journal of Surgical Infection 2(1):1. DOI: http://dx.doi.org/10.4103/wjsi.wjsi_7_23

1.2.2 Other Publications

1.2.1 Theses

- Wanyoro A.K 2015: Use of Mobile Phone Short Text Message Service to Enhance Cervical Cancer Screening at the Thika Level 5 Hospital, Kiambu County, Kenya: PhD (Epidemiology)
- Wanyoro A.K, 2002: Outcome of Labor Amongst Referred and Non-Referred Patient Delivered at Kenyatta National Hospital: M. Med.
- Wanyoro A.K., 2002: Complications of Patient Presenting with Incomplete Abortion at Kenyatta National Hospital: M. Med

1.2.2 International Conference Papers presented and conferences attended

- **Wanyoro A.K., 2010:** Barriers to maternal and neonatal health: comparison of labor between booked and un-booked parturient at Kenyatta National Hospital. *Paper presented during the 2nd International conference on preventing maternal and child deaths: Towards the MDGs 2015: Kigali, Rwanda.*
- **Wanyoro, A.K (2015):** The case of mobile phone short text message service to enhance cervical cancer screening at Thika L5 hospital. *Paper presented at the 1st global conference on patient centered care: Kenyatta University, Kenya*
- Alex A, **Wanyoro A.K. (2011):** Surgical Site Infections at Thika District Hospital. Paper co-presented at SSK of Kenya symposium, Limuru, Kenya.
- Alexander M Aiken, **Anthony K Wanyoro**, Jonah Mwangi, J Anthony G Scott, Andrew J Hall (2013). Improving use of antibiotic prophylaxis use for major O+G surgery in Thika Hospital, Kenya: *A poster presented at the GMHC 2013 conference, Arusha, Tanzania*
- **Wanyoro A.K (2011):** Rational use of prophylactic antibiotics during caesarian section. *Paper presented at annual Nairobi Hospital Obstetrics and Gynecology symposium, Nairobi, Kenya*
- **16th-18th Feb 2013-** Participated in the Annual Kenya Obstetrics and Gynecological society scientific conference at *Nakuru Kenya.*
- **Wanyoro A.K (2012):** barriers to MDG: Complications of patients presenting with incomplete abortion at Kenyatta National Hospital. *Paper presented at FIGO conference in Rome Italy.*
- **15th-17th Feb 2012-** Participated in the Annual Kenya Obstetrics and Gynecological society scientific conference at *Safari Park Kenya.*
- **13th-15th Feb 2012-** Participated and Rapporteur in the Annual Kenya Obstetrics and Gynecological society scientific conference at *Sirikwa Hotel, Eldoret Kenya.*
- **3rd- 5th November 2014-** Participated in the 5th Infection Africa Network conference at *Meikles Hotel, Harare, Zimbabwe.*

- **Wanyoro A.K (2014):** Surgical site infections in Obstetrics and Gynaecology. *A paper presented at the Surgical Society of Kenya preconference symposium. Temple point resort Malindi, Kenya.*
- **Wanyoro A.K (2014):** Surgical Site infections in Obstetrics and Gynaecology. *A paper presented during the Global Perspectives on surgical site infections in Vienna, Austria.*
- **Wanyoro A.K (2014),** Kabiru E, Bukusi E: Cervical Cancer Screening Adherence and the SMS Text Message: Screening Adherence and Availability of the Mobile Phone SMS in Women Attending the Outpatient Clinic at Thika Hospital. *A paper presented during the annual Kenya obstetrical and gynecologic conference, Nyeri, Kenya*
- **22nd -23rd 2015:** Participated in the 6th Eurasia Medical Days, Turkey
- **Wanyoro A.K (2015):** Pattern of Cervical abnormalities in a cervical cancer screening naïve population at a selected hospital in Kenya. *A paper presented during the annual Kenya obstetrical and gynecologic conference, Nairobi, Kenya*
- **Wanyoro A.K (2015):** Pattern of Cervical abnormalities in a cervical cancer screening naïve population at a selected hospital in Kenya. *A paper resented a during the annual African Federation of Obstetricians and Gynaecologists/Kenya obstetrical and gynaecologic conference, Nairobi, Kenya*
- **Wanyoro A.K (2015):** Systematic review of published studies on the burden of post CS SSI in Sub Saharan Africa. *A paper resented a during the annual African Federation of Obstetricians and Gynaecologists/Kenya obstetrical and gynaecologic conference, Nairobi, Kenya*
- **Wanyoro A.K (2015),** Igogo S, Solomkin J, Allen E: Pregnancy outcome in Ebola Virus Disease Era. *A paper presented a during the annual African Federation of Obstetricians and Gynaecologists/Kenya obstetrical and gynaecologic conference, Nairobi, Kenya*
- **Wanyoro A.K (2015):** Use of Mobile Phone Short Text Message Service to Enhance Cervical Cancer Screening: A Case Study Of Thika Level 5 Hospital, Kiambu County, Kenya. *A paper presented a during the 1st Global Patient Centred Care Conference, Nairobi, Kenya*
- **Wanyoro A.K (2016):** Relationship between Puerperal Sepsis and Neonatal Survival: *A Paper presented during the 6th Infection Control Africa Network Congress 2016 at Indaba Hotel Fourways Johannesburg, South Africa from September 26th to 29th, 2016.*
- **Wanyoro A.K (2017):** Experience and highlights of PTBi in data strengthening systems around preterm birth in Migori County: *A paper resented during a Collaboratory at AKUH, Kenya.*
- Angie Sway, Katrina Kraft, **Anthony Wanyoro**, Claire Kilpatrick, Joseph Solomkin (2017): A review of the burden of infection following cesarean section in sub-Saharan Africa. Poster at 27th ECCMID 22-25 April, Viena, Austria.
- **Wanyoro A.K,** Angie Sway, Katrina Kraft, Ronald Gibbs, Joseph Solomkin (2017): Timing Considerations in Decision to Incision in Emergency Caesarean Section. *A paper presented during the annual Kenya obstetrical and gynaecologic conference, Mombasa, Kenya.*
- **Wanyoro A.K (2017):** Optimizing Preconception Health for Prevention of PTB: Opportunities and Impediments. *A paper presented during 2017 Preterm Birth Initiative at the University of California, San Francisco (UCSF), California, USA.*

- **Wanyoro A.K (2018):** Modified Safe Child Birth Check List: A Still Birth or a Vigorous Thriving Baby. *A paper presented at the Preterm Birth Initiative Symposium Safari Park Hotel*
- **Wanyoro A.K, Prof. Kabiru E (2018)** Cervical Cancer Screening Naïve Women: What Are Their Social Demographic Factors and Risk Profiles? *A paper presented during the 42nd Annual Kenya Obstetrical and Gynaecologic Conference, Naivasha, Kenya at the Sawela Lodge, Naivasha from 21st to 23rd Feb. 2018.*
- **Wanyoro A.K, Prof. Kabiru E (2018)** Use of Mobile Phone Short Text Message Service to Enhance Cervical Cancer Screening at Thika Level 5 Hospital, Kiambu County, Kenya: *A paper presented during the 42nd Annual Kenya Obstetrical and Gynaecologic Conference, Naivasha, Kenya at the Sawela Lodge, Naivasha from 21st to 23rd Feb. 2018.*
- C. Otare, **A. Wanyoro**, D. Ogolla, R. Simotwo, G. Mutindi, E. Mumo, K. Achola, B. Olack, P. Otieno (2018): The missing link: Data Strengthening to Improve Documentation of Key Indicators for Care during Intrapartum and Immediate Postnatal Period: *A paper presented during the 42nd Annual Kenya Obstetrical and Gynaecologic Conference, Naivasha, Kenya at the Sawela Lodge, Naivasha from 21st to 23rd Feb. 2018.*
- Vincent Moshi, Beatrice Olack, **Anthony Wanyoro**, Leah Kirumbi, Phelgona Otieno (2018): Categorizing Preterm and Low Birth Weight Babies in Selected Health Facilities in Migori County Kenya: *A paper presented during the 42nd Annual Kenya Obstetrical and Gynaecologic Conference, Naivasha, Kenya at the Sawela Lodge, Naivasha from 21st to 23rd Feb. 2018.*
- **Wanyoro A.K (2018):** Undaunted: Stories from the Front line of Health Care: *A presentation made at Aspen Ideas festival, Spotlight Health 2018, Aspen Colorado, USA from June 21st to 24th 2008.*
- **Wanyoro A.K:** Overview Presentation on Quality Improvement Strategies to Improve Perinatal Health in Kenya. *Paper presented during a Frontier Counties Health Sector Reflection workshop organized by Global health Strategies at Silver Springs Hotel, Nairobi, Kenya 7th August 2018.*
- **Wanyoro A.K:** PRONTO Simulation Training to Improve Quality of Intrapartum & Postpartum Care for Preterm Babies in Kenya. *Paper presented during the International Federation of Gynecology and Obstetrics (FIGO) XXII FIGO World Congress 2018 at Rio Centro, Brazil, from October 14 to 19, 2018.*
- L. Kizili, J Okore, A Osimbo, A Nyakech, J wangia, D Ogolla, C Otare, K Achola, B Olack, L Kirumbi, **A Wanyoro**, P Otieno: Effect of patient waiting time on clinical outcome and client satisfaction in migori county referral hospital maternity. *A paper presented at the 9th Annual scientific & health (KASH) conference. Safari pack Hotel, Nairobi, Kenya 13th- 15th February 2019.*
- **Anthony Wanyoro**, Vincent Moshi, Beatrice Olack, Phelgona Otieno, Dilys Walker: Are caesarean sections safer than vaginal delivery?. Assessing the effect of mode of delivery on Maternal and Neonatal Outcomes in Selected Health Facilities in Migori County, Kenya. *A paper presented during the 43rd Annual Kenya Obstetrical and Gynaecologic Conference, Nairobi, Kenya at the Movenpick Hotel, Nairobi from 20th to 22nd Feb. 2019.*
- **Anthony Wanyoro** presented a paper titled Virtual Mentor: A virtual assistant for health care workers: during the community of Practitioners Virtual meeting on PPH organized by JHPIEGO between 21- 23 August, 2020.

- **Anthony Wanyoro:** Heavy menstrual Bleeding: A paper presented online to Kenya Medical Association, Thika Branch, Thursday 18/03/2021
- **19-21st of February 2020:** Attended the 44th Annual Scientific KOGS congress at Leisure Lodge Beach and Golf Resort

1.2.3: Attendance to seminars and workshops

- **29th May- 1st June 2018:** Accelerating Saving Lives at Birth Xcelerator Workshop (ASL@B) Safari park Hotel Nairobi, Kenya
- **11 November – 15th November 2017:** The UCSF Preterm Birth Initiative Annual Symposium on Racism and Prematurity: **UCSF, California USA**
- **February 20-22, 2017:** UCSF preterm birth initiative-east Africa intrapartum/immediate newborn workshop: **Jinja Nile Resort - Jinja, Uganda**
- **12th -16th 2013, 2013 Innovators Summer school, KU, Nairobi, Kenya**
- **10th-13 September 2019:** Attended the International Conference on Prevention and Infection control: UN headquarters Geneva, Switzerland.
- **27th -31st October 2019:** Attended Grand challenges meeting for innovators in health: The UN Complex and AU headquarters in Addis Ababa, Ethiopia
- **16th November 2020:** GLOW Webinar. Complications of caesarean section in low-and-middle-income countries, a systematic review. The power of evidence synthesis

1.3 Professional/ Consulting services

- **2023-date:** Co-Opted member. Disciplinary and Ethics Committee-Kenya Medical and Dentist Council
- **2022- to date: Member of editorial reviewers: East African Medical Journal (EAMJ)**
- **2022:** National guidelines on management of COVID 19 infections in pregnancy
- **2021- To date: Member of Editorial reviewers: JOGECA**
- **2019:** Developing the Ministry of Health point of care booklet entitled: **Post abortion Care: A pocket guide for health care providers**
- 2014-To date: Editorial board member of East African Medical Journal
- **2011 to date:** Consultant Reproductive, Adolescence and Child Reproductive Health Committee, Kenya Medical Research Institute.
- **2018-date:** Member National Infection control steering committee

1.4 Administrative and responsibility

- 2015 -2017: Acting Director, Kenyatta University Hospital
- 2010-2015: Two terms and One-year extension as Chairman, Department of Obstetrics and Gynecology, Kenyatta University.
- 13th-26-january 2012 Acting dean School of medicine

1.5 Student supervision

1.5.1 Masters Student Supervision to completion

- **Judith Lukorito Nasambu (Q57/CTY/PT/20594/2012):** Uptake of Cervical Cancer Screening Services among HIV Positive Women in Dagoretti, Nairobi County
- **Francis Nganga Gicheru (57/CTY/PT/23692/2011):** To Determine the Factors Influencing 5 Year Implant Discontinuation Amongst Women of Reproductive Age group in Nairobi.
- **Jeremy N. Njiru (Q139/22979/2011):** Challenges to Visual Cervical Cancer Screening Service Integration and Utilization in Imenti South Sub-County Reproductive Health Care System, Meru County, Kenya.
- **Eucabeth Jabuya (Q139/CTY/PT/21167/2012):** Determine the Prevalence of Pre-Eclampsia and Risk Factor Associated in Pregnancy among Women of Reproductive Age of 15- 49 Years in Rachuonyo North District in Homabay County.
- **Beauty N. Tali (I57/11099/04):** Knowledge and Health Seeking Behaviors on Prevention of Breast Cancer among Women in Kahawa Soweto, Nairobi County, Kenya.
- **Agnes W Nzioka (Q139/CTY/PT/21169/12):** Utilization of Cervical Cancer Screening Services among Female Health Care Workers at Machakos General Hospital, Machakos County.
- **Muoki Francis Matheka (Q57/CTY/PT/20598/2012):** Management of Type 2 Diabetes Mellitus by Diabetic Clients in Nyandarua County, Kenya.
- **Miriam Wanjiru Ngure (P57/23696/11):** Health seeking behavior for Key Sexually Transmitted Infections among the Female sex workers in Eldoret Municipality, Uasin-Gishu County, Kenya.
- **Mugure Kiambati (I57/10728/2007):** Essential Newborn Care Practices among Home Delivered Postnatal Mothers with babies 0-28 Days from Korogocho Slums, Nairobi County.
- **Mwangi E. Wamaitha (Q140/CTY/PT/23831/2013):** Influence of menopause on work productivity among health workers in public hospitals in Kiambu County, Kenya
- **Juma Edwin Omondi:(Q139/CTY/PT/30822/2015):** Clinical Phenotypes associated with preterm births at Jamogi Oginga Odinga Teaching and referral hospital in Kisumu County, Kenya
- **Felistas Savai Mbindyo (P151/31173/2015):** Cervical cancer screening among female prisoners in selected female correctional centers in Kenya.

1.5.2 PhD Students Supervision to completion

- **Mukunyi E. Gitonga (Q97/29793/2014):** Influence of Mobile Short Message Service on Utilization of Focused Ante Natal Care among Women in Rural Kenya: A Randomized Controlled Trial
- **Kanini Caroline Mumbe (Q97/30765/2015):** Role of Counseling in Mitigating Psychosomatic Morbidity After a Stillbirth Among Women in Kitui and Machakos Counties, Kenya

- **Beatrice Nesidai Kithuka (Q97/26290/2013):** Application of Mobile Phone Short Message Service to Enhance Treatment Compliance among Patients with Type 2 Diabetes Mellitus in Thika Level 5 Hospital, Kiambu County.
- **Wambugu W. Monicah (Q97/27629/2014):** Influence of Provider Initiated Calls on Uptake of Cervical Cancer Screening in Kirinyaga County, Kenya
- **Charles Kiragu Ngigi (Q97/37411/16):** Use of an Educational Package to Enhance Adherence to Post Natal Care in Selected Hospitals in Western Kenya region.
- **Maritim Violet (Q97/31186/15):** Key Pathogenic Microorganism colonizing reproductive Tract among Young Street Females in Eldoret Town, Kenya.
- **Linus, Agnes Muthoni (Q97/37315/2017):** Effect of a Health Communication Strategy On Uptake of Cervical Cancer Screening Among Women in Isiolo County, Kenya

1.5.3 Some Ongoing matters supervision

- **Sagwa Sally Maria (Q57/31059/2015):** Male Involvement in Female Breast Cancer Screening and Associated Co-Relates in Vihiga County.
- **Sino A. Zakayo (Q57/33714/2015):** Evaluating utility of first and second tier health systems in cervical cancer screening in Kakamega county, Kenya
- **Edith Chebet (Q57/38965/2016):** Utilization of Pre-Exposure Prophylaxis among Youth age 15-24 years in Mukuru Kwa Njenga, Nairobi County, Kenya
- **Rahab Wanjiku Njoroge (Q57/37558/2017):** Quality of antenatal and postnatal care in relation to the high cases of obstetric fistula in Kiminini Sub county, Trans-Nzoia County, Kenya

1.5.4 Ongoing PhD Student Supervision

- **Wilbroda Wasonga (I84/24457/2013):** Immune Enhancing Potentials of Moringa Oleifera Nutritional Supplement in Treating of HIV/AIDS Patients.
- **Lukorito Judith Nasambu:** Male Partner Edification in Increasing Uptake of Cervical Cancer Screening and Treatment Services among HIV Positive Women in Nairobi County, Kenya.
- **Munyao Michael Muia:** Machine Learning and Internet of Things based Pre-Eclampsia Prediction Model for Improving Pregnancy Outcomes research.

1.5.5: other University responsibilities

1.5.5.1 2010-2016: Spearheaded the development of the Master of Medicine curriculum (obstetrics and Gynecology, KU

1.5.5.2 University Committees participation

- 2023: VC committee on duplicated units
- 2022: VC committee on Health management scheme
- 2022: member school's committee on grants writing and research
- Member board of Kimuchu school
- Member of the EAMJ reviewer's committee

- 2012-2019: Chairman, Health Services Board, Kenyatta University
- 2019- to date: committee to develop course units to be taught for PhD program in the school of medicine
- 2012-2017: Member, Committee on Capacity Building, KU Referral Hospital
- 2013 –2015: Member of KU Ethical Review Committee
- Member Committee to Organize For the Hosting Of the Constructions of Public Health Gateways Open Science Workshop in Kenyatta University Institute for Non-Communicable Diseases Committee
- Member KU –Fortis Hospitals MOU Implementation Committee
- Member Medical Tourism and Medical School Affiliation with U.S Hospitals Committee
- Member KUH Governance Structure Retreat Committee
- Member Vice Chancellors Committee on Establishment of Kenyatta University Women Hospital
- Member Committee on administration Structures of Kenyatta Teaching Referral and Research Hospital
- Member Infrastructure Development Proposal Committee
- Member Committee to Plan of the official Opening of The Kenyatta University Teaching Research and referral Hospital
- Member Committee develop Letter Of Intent of Host Research Chair In Agricultural Biotechnology And Health Sciences
- Member Committee To Develop A Proposal On Collaboration between Kenyatta University and Fortis group of hospital in India
- Member committee to make recommendations on capacity building for proposed Teaching, Research and Referral Hospital
- Member Procurement of drugs committee
- Member Bill and Melinda gates proposal writing committee
- Member to an organizing committee for international conference on ending obstetric fistula in a generation
- Member committee to develop training schedule of Kenyatta university hospital personnel
- Member to the medical and anti-doping sub-committee
- Member to KUH maternity and antenatal /post-natal wards implementation committee
- Member protocols and systems sub-committee of the Kenyatta university teaching research and referral hospital operationalization committee

- Member of the Kenyatta University –General Electric [KU-GE] molecular imaging Centre[MIC]committee
- Member to a committee to benchmark with teaching research and referral hospitals
- Member committee to plan the visit by a Spanish delegation to KU
- Member to the Kenyatta university hospital design defects committee
- Member to the Kenyatta university teaching research and referral hospital [KUTRRHH]final interview panel for clinical team
- Member to a research team to work on the GlaxoSmithKline [GSK] Africa NCD open lab call for proposals

1.5.5..3 Conferences organized

- Member of organizing committee of the International Conference on Reproductive health held in 2016
- Member of organizing committee of the International workshop Sci-GaiA held in 2017

1.6.3 External Examiner

- **2018 to date:** Bachelor of Medicine and Bachelor of Surgery. School of Medicine, Egerton University
- **2018 to date:** Bachelor of Medicine and Bachelor of Surgery. School of Medicine, Mount Kenya University
- **2022:** MMed University of Nairobi
- **20022:** MMed University of Rwanda

1.7 Current Linkages and research interest

1.7.1: Current linkages and research

- University of Sans Francisco, California: **Development of a Virtual mentor: A human computer interactive device to help midwives though the step by step management of PPH using the WHO algorithm.**
- Duke University: **A Side by Side Comparison of a Trans-Vaginal Colposcope to Standard of Care Visual Inspection in a 50-Patient Pilot Study on Women Undergoing Cervical Cancer Screening.**
- Butterfly, GUSI, BMGF: **Use of POCUS among 500 front line health care workers in 8 counties in Kenya.**
- UCSF: **Refining Transcutaneous Bilirubin estimations** for utility among babies with different skin tones: a case series of neonates in Kenya.

1.7.3 Ongoing innovations:

- **Virtual mentor:** A human computer interactive tool to guide health care workers through step by step management of PPH an endeavor with UCSF Global Health Sciences
- **TapTap Medic:** An Antenatal Digital Patient Record device that allows Mothers to carry record of the pregnancy and of their under 5 children to any facility they visit and interacts with them to recognize danger signs.
- **Malaika Vital watch:** A 24 /7 patient vital sign wrist band that uses blue tooth/ Mobile App to continuously stream then to a central point and flags off any derangements in congested wards.
- **Smart Triaging & Queue Management System:** Integrating sensors into the queue management system to immediately take the patients vitals, analyze the data, categorize the patient and transmit the data to the nurse for appropriate timely care as per protocol of emergency care.

1.8 Membership of Professional Institutions and community engagement

1.8.1 Membership of professional institutions

- Kenya Medical Association
- Kenya Obstetrical Gynecological Society
- East Central South African College of Obstetrics and Gynecology (ECSACOG)
- Fertility and Andrology Society of Kenya (FASK)

2.0. Grants and Awards/Appreciation

- 2019 :**Kenyatta University Vice Chancellors Recognition and appreciation for being a chair of University Health directorate Services Board**
- 2019: **Kenyatta University Vice Chancellors Recognition and appreciation for Serving g Ag Director KUTRRH**
- 2018: USA Colorado: **Global Health Scholar award** at Spotlight Health, the opening session of the Aspen Ideas Festival
- 2018: **Saving lives at Birth grant Award: CD30000**
- 2017: **Johnson and Johnson GEN-H challenge grant award: USD 50000**
- 2016: **Kenyatta University Vice Chancellors Recognition and appreciation for Support as Director KUTRRH**
- 2016: **Culturally appropriate screening and diagnosis of cervical cancer in East Africa NIH PTE FAN5R01CA193380-02 sub award no. 203-6071 -5000USD.**
- 2015: **Kenyatta University Vice Chancellors Recognition and appreciation for developing the Protocols and Systems for KUTRRH**
- 2015: **Kenyatta University Vice Chancellors Recognition and appreciation for contribution as a member of the Hospital Operationalization Committee**
- 2015: **Kenyatta University Vice Chancellors Recognition and appreciation for contribution as a member of the KU ERC**
- 2015:**Preterm Birth Initiative (UCSF/KEMRI) Bill & Melinda Gates Foundation grant award-100,000,000**
- 2014 Awarded **Kenyatta University Vice Chancellor extra mile award**

- 2014: **Kenyatta University Vice Chancellors Recognition and appreciation for contribution in being a member of the hospital strategic planning and development of SOPs**
- 2014: **Appreciation by Pathways youth empowerment program of ACK Church**
- 2012: **Kenyatta University VCs PhD facilitation grant: 150000**
- 2012: **University of Nairobi, MEPI seed grant: 20000USD**

Referees

Prof. Ephantus Kabiru: School of Public health, Kenyatta University

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Prof. Joseph G Karanja: College of Health science, Department of Obstetrics and Gynecology, University of Nairobi