

# CURRICULUM VITAE

Dated 24<sup>th</sup> February, 2017

## A. BIODATA



<b>Name</b>	Dr Rose Jepchumba Kosgei
<b>Place of Birth</b>	Uasin Gishu
<b>Home Residence</b>	Kerio Valley, Elgeiyo Marakwet County
<b>Nationality</b>	Kenyan
<b>Marital Status</b>	Married with one child
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<b>Post Office Box</b>	19726-00202, Nairobi
<b>Languages</b>	Proficient in English, Kiswahili and Keiyo

## B. EXECUTIVE SUMMARY

I am currently serving in the Department as a Lecturer since 2013 and a Specialist Obstetrician Gynecologist, Kenyatta National Hospital Nairobi, Kenya. I am a registered medical practitioner with the Kenya Medical Practitioners and Dentist Board and also with Specialist recognition as an Obstetrician and Gynecologist.

I hold a Bachelor of Medicine and Surgery Degree, Masters in Obstetrics and Gynaecology (M.med) of the University of Nairobi, 2011. In addition, I am a holder of a Master of Science (MSc) Degree in Clinical Trials of the London School, Fellowship in Operations Research, and Fellowship in HIV/AIDS in women, Postgraduate Diploma in Clinical Trials, Postgraduate Diploma in Biomedical Research Methodology and. I am currently a final year PhD student in the University Ghent, Belgium pursuing a Doctoral Degree in Medical Sciences (Research Topic: Tuberculosis and women). I have an interest and predilection to Gynecologic Oncology.

I joined the department in 2011 as a Research Fellow and in 2013 as a full time Lecturer. I am involved in teaching and examination of both the Undergraduate and Postgraduate students in the Department.

I have supervised 12 postgraduate student dissertations to completion and currently, five students are under my supervision. I have published 48 papers in peer reviewed journals. I have attended many National and International conferences and short term trainings.

My outstanding contribution as a Lecturer in the Department is playing a leadership role in the innovation of MB,ChB undergraduate training (2013-2014) by maintaining quality and enhance competencies in line with the University's Vision and Mission. The innovations include: innovative logbook development and implementation, decentralized training in Mbagathi District Hospital, use of humanistic models in the skills laboratory

among others.

Other responsibilities in the Department include: member curriculum committee in the School of Medicine, Member Department examination committee, Member Department Welfare Committee, Secretary Gynecologic Oncology Curriculum development and member Gender Based Violence committee in Kenyatta National Hospital. Nationally, Council member of Kenya Obstetrical and Gynaecological Society (KOGS) and I represent the School of Medicine in the board of the Kenya Bureau of Standards, Towels, Medical and Hygienic Textiles Products. Internationally, I am an Executive Board Member in the International Federation of Gynecology and Obstetrics (FIGO) representing Africa and East Mediterranean.

### C. EDUCATIONAL /QUALIFICATIONS

Year	Qualification	Institution
<b>2012 to date</b>	PhD student: Doctoral Degree in Medical Sciences	University of Ghent, Belgium
<b>2012</b>	Masters in Clinical Trials	London School of Tropical Medicine, United Kingdom
<b>2011</b>	Masters in Obstetrics and Gynaecology (M.Med)	University of Nairobi, Kenya
<b>2011</b>	Fellowship, Operations Research	Centre for Operational Research, International Union Against Tuberculosis and Lung Disease, Paris, France
<b>2010</b>	Postgraduate Diploma in Clinical Trials	London School of Tropical Medicine, United Kingdom
<b>2009</b>	Fogarty Research Fellowship, HIV/AIDS in Women	Brown University Providence, Rhode Island, USA
<b>2009</b>	Postgraduate Diploma in Biomedical Research Methodology (PGDRM)	University of Nairobi, Kenya
<b>2004</b>	Bachelor of Medicine and Surgery (M.B.Ch.B)	Moi University, Eldoret, Kenya
<b>1996</b>	Kenya Certificate of Secondary Education (KCSE)	Moi Girls High School Eldoret: Kenya
<b>1992</b>	Kenya Certificate of Primary Education (KCPE)	Fluorspar Primary School: Elgeiyo Marakwet County, Kenya

#### **D. CLINICAL SUB-SPECIALITY INTEREST**

I have an interest in Gynaecologic Oncology and plan to pursue a Fellowship in this field

#### **E. POSITIONS AND EMPLOYMENT**

##### **September 2013 to date:**

Lecturer Department of Obstetrics and Gynaecology University of Nairobi  
Specialist Obstetrician Gynaecologist Kenyatta National Hospital

##### **Responsibilities:**

- ✓ Teaching undergraduate and postgraduate students
- ✓ Performing clinical duties in Kenyatta National Hospital
- ✓ Coordination of M.B.Ch.B year 3 undergraduate clinical rotation
- ✓ Coordination of M.B.Ch.B year 4 undergraduate clinical rotation
- ✓ Coordination and facilitation of M.B.Ch.B year 4 undergraduate Mbagathi Hospital clinical rotation
- ✓ Coordination of M.B.Ch.B year 3 undergraduate clinical rotation Log book development and review
- ✓ Coordination of M.B.Ch.B year 4 undergraduate clinical rotation Log book review
- ✓ Participation in the review of M.Med postgraduate clinical log books
- ✓ Coordination of obstetrics and gynaecology skills day for M.B.Ch.B year 4 undergraduate and M.Med postgraduate year 1 students
- ✓ Coordination of end of term and year examination setting for M.B.Ch.B year 3 undergraduate students
- ✓ Coordination of end of term and year examination setting for M.B.Ch.B year 4 undergraduate students
- ✓ Secretary Gynaecologic Oncology curriculum development
- ✓ In charge of Gender Based Violence Services in the Reproductive Health Department, KNH

##### **August 2011 to August 2013:**

Honorary Lecturer and Research Training Fellow (Health Services, Implementation Research and Clinical Excellence (SIRCLE) program) in Obstetrics in the Department of Obstetrics and Gynaecology, University of Nairobi

##### **Responsibilities:**

- ✓ Teaching undergraduate and postgraduate students
- ✓ Performing clinical duties in Kenyatta National Hospital
- ✓ Research fellow: conducting implementation and health systems research, where I took leadership in the design and implementation of a country wide quality of obstetric care survey on behalf of SIRCLE
- ✓ Member of the curriculum review and development committee for the M.Med curriculum in Obstetrics and Gynaecology
- ✓ Participation in undergraduate and postgraduate examination setting and administration
- ✓ Played a leadership role in the design of protocols and clinical forms for cancer of the

cervix screening and early treatment at Kenyatta National Hospital

**February 2011 to July 2011:**

Obstetrician and Gynaecologist Moi Teaching and Referral Hospital (MTRH) and AMPATH  
Honorary Lecturer Department of Reproductive Health, Moi University  
Honorary Lecturer Department of Health Management, Moi University

**Responsibilities:**

- ✓ Teaching undergraduate and postgraduate students
- ✓ Performing clinical duties in MTRH
- ✓ Played a leadership role in the development, implementation and supervision of the primary health care program (Family planning and safe delivery) in Bunyalla, Butula, Webuye and Teso AMPATH innovative sites
- ✓ Played a leadership role in the development, implementation and supervision of active case finding of tuberculosis in PMTCT setting
- ✓ Facilitated training of health care workers and supervision of PMTCT clinics

**2007 to February 2011:**

Postgraduate Student –M.Med in Obstetrics and Gynaecology University of Nairobi

**Responsibilities**

- ✓ Managing Obstetrics and Gynaecology patients in KNH
- ✓ Attending teaching sessions
- ✓ Participating in seminars, symposiums and conferences
- ✓ Teaching M.B.Ch.B undergraduate medical students in the clinical areas

**Elective Term: 2009**

- ✓ Undertook a six month Fogarty Research Fellow in Medicine (HIV/AIDS and women) in Brown University, Providence RI, USA
- ✓ Rotated in the radiology, gynaecologic oncology and medical departments in Brown University Medical School at the Miriam Hospital, Providence Rhode Island, USA

**Thesis:**

- ✓ Screening for pulmonary tuberculosis among HIV-infected pregnant women in western Kenya

**2006 to 2007:**

Medical Officer , the United States Agency for International Development - Academic Model Providing Access To Healthcare (USAID-AMPATH) partnership

**Responsibilities:**

- ✓ Medical officer in charge of three clinics in western Kenya (Busia District Hospital, Port Victoria District Hospital and Khunyangu Sub-District Hospital)
- ✓ Planning and initiating of three comprehensive HIV care clinics

- ✓ Clinical management of adult HIV-infected patients, paediatrics HIV-infected patients and PMTCT patients: Highly Active Antiretroviral Therapy treatment, management of TB/HIV co-infection, opportunistic infection prophylaxis and treatment and STI management
- ✓ Mentorship and continuous supervision of staff in the HIV clinic
- ✓ Participating in protocol development and training
- ✓ Played a lead role in the development, implementation and evaluation of Express Care; a clinician supervised shared nurse model- a task shifting and sharing model for large volume HIV clinics
- ✓ Played the lead role in the design, development and implementation of an integration of reproductive health services into HIV care model

**2005 to 2006:**

Medical Officer, Coast Provincial General Hospital Mombasa Department of Obstetrics and Gynaecology

**Responsibilities:**

- ✓ Management of obstetrics and Gynaecology patients
- ✓ Training of medical officer interns, clinical officers and nurses

**2004 to 2005:**

Medical Officer Intern, Coast Provincial General Hospital, Mombasa

**Responsibilities:**

- ✓ Rotated and managed patients in the following departments: obstetrics and gynaecology, surgery, paediatrics and internal medicine
- ✓ Training of clinical officers and nurses

**F. MEDICAL LICENSURE**

<b>2013</b>	Obstetrics and Gynaecology Specialist Recognition by the Kenya Medical Practitioners and Dentist Board (KMPDB), currently active for 2015
<b>2006</b>	Registered by the KMPDB as a medical practitioner, with annual retention for 2015

**G. TEACHING EXPERIENCE**

	<p>My teaching career started in 2007 as a Postgraduate Student in the Department of Obstetrics and Gynaecology where I was involved in teaching and examination of undergraduate students rotating through the Department of Obstetrics and Gynaecology at the University of Nairobi. Thereafter from 2011 to date, I have been teaching both undergraduate and postgraduate students in the Department of Obstetrics and Gynaecology, University of Nairobi.</p> <p>It has been four years since my last promotion to Lecturer in 2013.</p>
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## H. SUPERVISION OF POSTGRADUATE STUDENTS

**Total number of students supervised to completion: 12**

**Total number of students with ongoing supervision: 5**

**Completed supervision: University of Nairobi**

1.	Dr Ahmed Salwa F	2016	Comparison of factors associated with an inter pregnancy interval of less than 36 months in Kenyatta National Hospital in 2015 <b>Co-Supervisor:</b> Dr Anne Kihara
2.	Dr Kinyanjui Rachel	2016	Trends and survival of reproductive tract cancers of women aged more than 15 years in Kenyatta National Hospital over a four year period (2006-2009) <b>Co-Supervisor:</b> Prof Ojwang/Prof Rogena
3.	Dr Ogutu Flavia A	2016	Differences in hypertensive and normotensive gross and histological changes of placentae in women delivering in Kenyatta National Hospital, 2015 <b>Co-Supervisor:</b> Prof Rogena/Prof Oyieke
4.	Dr Githinji Janet M	2016	A comparative study on uptake and determinants of contraception among undergraduate students in the university of Nairobi, Kenya <b>Co-Supervisor:</b> Prof Omondi Ogutu/Dr Wakasiaka
5.	Dr Felix Atisa ( <i>M.Med Obs/Gynae</i> )	2015	Effects of early booking for antenatal care on pregnancy outcome compared to late booking among pregnant women attending antenatal care in Kenyatta National Hospital <b>Co-Supervisor:</b> Prof Koigi Kamau
6.	Dr Louise Mapleh Kpoto ( <i>M.Med Obs/Gynae</i> )	2015	Puerperal infections amongst women who delivered by caesarean section at the Redemption Hospital: a comparative study <b>Co-Supervisor:</b> Prof Omondi Ogutu
7.	Dr David Mwithiga Thuo ( <i>M.Med Obs/Gynae</i> )	2015	Burden and risk factors of abnormal cervical visual inspection with indole acetic and lugols iodine in HIV infection <b>Co-Supervisor:</b> Dr Onesmus Gachuno
8.	Dr Albert N. Kaburi ( <i>M.Pharm</i> )	2014	Drug use in pregnancy in Kitui District Hospital <b>Co-Supervisor:</b> Prof Miatai/ Dr Oluka

<b>Ongoing Supervision: University of Nairobi</b>		
1. Dr Christopher M. Obwaka	Thesis write up	Risk factors for mortality in patients with eclampsia at Kenyatta National Hospital <b>Co-Supervisor: Prof Kiarie/ Dr Tamoo</b>
2. Dr Achapa Rael Kavata	Concept development	Concept under development <b>Co-Supervisor: Dr Osoti</b>
3. Dr Micheka Nyariki	Concept Development	Concept Development <b>Co-Supervisor: Prof Oyieke</b>
4. Dr Consolata Adhiambo	Concept Development	Concept Development <b>Co-Supervisor: Dr Anne Kihara</b>
5. Dr Michael Oriwo	Concept Development	Concept Development <b>Co-Supervisor: Prof Eunice Cheserem</b>
<b>Complete Supervision Moi University School of Medicine</b>		
1. Dr Jarred Okoyo Nyakiba	2016	The extent of medication related problems among patients at Kenyatta National Hospital medical wards: a 2012 evaluation <b>Co-Supervisor: Prof Nangami</b>
2. Jackline Sitienei	2016	Perception of opinion leaders on community engagement in HIV home testing and counselling study in western Kenya <b>Co-Supervisor: Prof Ayuku</b>
3. Dr. Esther Njoroge	2016	Decision-to-delivery interval and outcomes in patients undergoing emergency caesarean section at Pumwani Maternity Hospital, Nairobi <b>Co-Supervisor: Prof Nangami</b>
4. Doris N. Nyakundi	2016	Sexual and reproductive health experiences, among visually and physically disabled youth attending Thika School for the Blind and Joy Town Secondary School, Kiambu County <b>Co-Supervisor: Dr Tororei</b>
<b>I. CURRICULUM DEVELOPMENT</b>		
<b>2014 to-date</b>	Secretary Gynaecologic Oncology curriculum development committee	
<b>2016</b>	Member, curriculum development committee for the integrated Lung Health Curriculum, Tuberculosis, Leprosy and Lung Disease Unit, Kenya	
<b>2014</b>	Member, curriculum development committee of the prevention of mother to child transmission of HIV (PMTCT) training curriculum for the Kenya National AIDS Control Program (NAS COP)	
<b>2012</b>	Member of the curriculum review and development committee for the M.Med curriculum in Obstetrics and Gynaecology	

<b>J. BOARD/COMMITTEE /TASKFORCE MEMBERSHIP</b>	
<b>2015 to date</b>	Executive Board Member in the International Federation of Gynaecology and Obstetrics (FIGO) representing Africa and East Mediterranean
<b>2015 to date</b>	Board Member Kenya Bureau of Standards, Towels, Medical and Hygienic Textiles Products
<b>2015 to date</b>	Member Department Examination Committee, University of Nairobi
<b>2015 to date</b>	Member School of Medicine Curriculum Committee, University of Nairobi
<b>2015 to date</b>	Sexual and Gender Based Violence Committee at Kenyatta National Hospital
<b>2014 to date</b>	Sexual and gender based violence committee at Kenyatta National Hospital
<b>2013 to date</b>	Member Department staff welfare committee
<b>2013-2014</b>	Secretary the task force on improvement of quality of care in labour ward
<b>K. ACADEMIC PUBLICATIONS – PEER REVIEWED JOURNAL ARTICLES</b>	
<ol style="list-style-type: none"> <li>1) Vodicka EL, Babigumira JB, Mann MR, Kosgei RJ, Lee F, Mugo NR, Okech TC, Sakr SR, Garrison LP Jr, Chung MH: <b>Costs of integrating cervical cancer screening at an HIV clinic in Kenya:</b> Int J Gynaecol Obstet. 2017 Feb;136(2):220-228. doi: 10.1002/ijgo.12025. Epub 2016 Nov 21.</li> <li>2) Louise M. Kpoto, Omondi Ogutu, Joseph Karanja, <b>Rose J. Kosgei:</b> <b>Incidence and bacteriological pattern of immediate puerperal infections within the first 120 hours among women delivered by cesarean section in redemption hospital monrovia, Liberia:</b> East African Medical Journal Volume xx 2016</li> <li>3) E.N. Omesa, I.A. Kathure, E Masini, R Mulwa, A Maritim, P.O. Owiti, K.C. Takarinda, Omondi Ogutu, <b>R.J. Kosgei</b>, T Galgalo: <b>Uptake of isoniazid preventive therapy and its associated factors among HIV positive patients in an urban health centre, Kenya:</b> East African Medical Journal (Supplement) Volume 93 No. 10 October 2016</li> <li>4) P.O. Owiti, <b>R.J. Kosgei</b>, A Beatrice Kihara, O Ogutu, W Kizito, J.K. Edwards, H Tweya, K.C. Takarinda, J.K. Sitienei, E.M. Kamau: <b>Editorial: Structured operational research and training in the public health sector: the Kenyan experience:</b> East African Medical Journal (Supplement) Volume 93 No. 10 October 2016</li> <li>5) KN Ogendo, A.B. Kihara, <b>RJ Kosgei</b>, H Tueya, W. Kizito B. Murkomen: <b>The Kenyan Experience Assessment of community led total sanitation uptake in rural Kenya:</b> East African Medical Journal (Supplement) Volume 93 No. 10 October 2016</li> <li>6) D.M Kavoo, A.H. Ali, C.N. Ilauta, A.B. Kihara, <b>R.J. Kosgei</b>, H. Ilweya , W. Kizito, Omondi Ogutu, C.N.Tuata: <b>An assessment of water, sanitation and hygiene (WASH) practices</b></li> </ol>	



**and quality of routinely collected data in Machakos County Kenya:** East African Medical Journal (Supplement) Volume 93 No. 10 October 2016

- 7) Ogutu F.A, Shatry N. A, Kilonzo M, **Kosgei R.J**, and Kihara A.B: **intrauterine foetal death in multiple gestation: to conserve or intervene:** East African Medical Journal Vol: 93 No.7 July 2016
- 8) Kilonzo M.K, Ogutu F, **Kosgei R.J**, Kihara A.B: **An Improbable Diagnosis Of Acute Abdomen In The Immediate Post-Partum Period: Case Report:** East African Medical Journal Vol: 93 No. 5 May 2016
- 9) **Kosgei R.J**, Gathara D, Kamau R.K, Babu S, Mueke S, Cheserem E.J, Kihuba E, Karumbi J, Mulaku M, Aluvaala J, English M, Kihara A.B: **Quality Of Comprehensive Emergency Obstetric Care Through The Lens Of Clinical Documentation On Admission To Labour Ward:** East African Medical Journal Vol. 93 No. 2 February 2016
- 10) Some D, Edwards J.K, Reid T, Van den Bergh R, **Kosgei R.J**, Wilkinson E, Baruani B, Kizito W, Khabala K, Shah S, Kibachio J, Musembi P: **Task Shifting the Management of Non-Communicable Diseases to Nurses in Kibera, Kenya: Does It Work?:** PLoS One. 2016 Jan 26;11(1):e0145634. doi: 10.1371/journal.pone.0145634. eCollection 2016
- 11) Ndelema B, Van den Bergh R, Manzi M, van den Boogaard W, **Kosgei R.J**, Zuniga I, Juvenal M, Reid A: **Low-tech, high impact: care for premature neonates in a district hospital in Burundi. A way forward to decrease neonatal mortality:** BMC Res Notes. 2016 Jan 16;9:28. doi: 10.1186/s13104-015-1666-y.
- 12) Atisa FO, Kamau K, **Kosgei RJ**, Ondieki DK: **Influence of early booking for antenatal care on antenatal and early pregnancy outcomes at Kenyatta National Hospital:** JOGECA 2015; 27(2): 22-28
- 13) Albert N. Kaburi, Margaret O. Oluka, **Rose J. Kosgei**, Nicholas C. Mulwa, Charles K. Maitai: **Herbal remedies and other risk factors for preterm birth in rural Kenya.** African Journal of Pharmacology and Therapeutics Vol. 4 No. 4 Pages 135-142, 2015, October
- 14) Coleman JS, Cespedes MS, Cu-Uvin S, **Kosgei RJ**, Maloba M, Anderson J, Wilkin T, Jaquet A, Bohlius J, Anastos K, Wools-Kaloustian K: **An Insight Into Cervical Cancer Screening and Treatment Capacity in Sub Saharan Africa.** J Low Genit Tract Dis. 2015 Nov 17
- 15) N. Am Shatry, R. A. M. Ali, R. Wanjohi, Sekhar, F. X. Odawa, R. J. Kosgei, A-B Kihara: **Bicornuate unicollis uterine müllerian anomaly with unilateral haematometra in a ten year old: a case report:** East African Medical Journal Vol. 92 No. 8 September 2015
- 16) F. C. Sitati, **R. J. Kosgei**: **Operative management of ankle fractures during pregnancy: a case series:** East African Medical Journal Vol. 92 No. 6 June 2015

- 17) Mufida M. Shabiby, Joseph G. Karanja, Francis Odawa, **Rose Kosgei**, Minnie W. Kibore, James N. Kiarie, John Kinuthia: **Factors influencing uptake of contraceptive implants in the immediate postpartum period among HIV infected and uninfected women at two Kenyan District Hospitals**: BMC Women's Health (2015) 15:62 DOI 10.1186/s12905-015-0222-1
- 18) **R. J. Kosgei**, J. K. Sitienei, H. Kipruto, K. Kimenye, D. Gathara, F. X. Odawa, P. Gichangi, S. Callens, M. Temmerman, J. C. Sitienei, A. B. Kihara, E.J Carter: **Gender differences in smear positive pulmonary tuberculosis treatment outcomes in 15-49 year olds in Kenya**: IJTLD 2015; May: Accepted for publication
- 19) Kelly B. Khabala, Jeffrey K. Edwards, Bienvenu Baruani, Martin Sirengo, Phylles Musembi, **Rose J Kosgei**, Kizito Walter, Joseph M. Kibachio, Monique Tondoi, Helga Ritter, Ewan Wilkinson, Tony Reid: **Medication Adherence Clubs: a potential solution to managing large numbers of stable patients with multiple chronic diseases in-informal settlements**: Tropical Medicine & International Health 2015; May: Doi: 10.1111/tmi.12539
- 20) Jeffrey K. Edwards, Helen Bygrave, Rafael Van den Bergh, Walter Kizito, Erastus Cheti, **Rose J. Kosgei**, Agne`s Sobry, Alexandra Vandenbulcke, Shobha N. Vakil, Tony Reid: **HIV with non-communicable diseases in primary care in Kibera, Nairobi, Kenya: characteristics and outcomes 2010–2013**: Trans R Soc Trop Med Hyg 2015; May: Doi:10.1093/trstmh/trv038
- 21) Kent E. Pinkerton, Mary Harbaugh, MeiLan K. Han, Claude Jourdan Le Saux, Laura S. Van Winkle, William J. Martin, **Rose J. Kosgei**, E. Jane Carter, Nicole Sitkin, Suzette M. Smiley-Jewell<sup>1</sup>, Maureen George: **Women and lung disease: gender differences and global health disparities**: American Journal of Respiratory and Critical Care Medicine 2015; May: Doi: 10.1164/rccm.201409-1740PP
- 22) N. N. Sitati, Z. Thierry, W. Njau, F. Ogutu, F. X. Odawa, J. O. ong'ech, E. A. Rogena, A. Medhat, **R.J. Kosgei**: **Tube-ovarian presentation of burkitt's lymphoma: a case report**: EAMJ 2015; 92(5): In Press
- 23) K. kinuthia, Anne-Beatrice Kihara, **R. J. Kosgei**, A.N. Bosire: **Uterine rupture in a primigravida with mullerian anomaly at 27 weeks gestation**: EAMJ 2015; 92(4): In Press
- 24) David Gathara, Rachael Nyamai, Fred Were, Wycliffe Mogo, Jamlick Karumbi, Elesban Kihuba, Stephen Mwinga, Jalemba Aluvaala, Mercy Mulaku, **Rose Kosgei**, Jim Todd, Elizabeth Allen, Mike English<sup>1</sup>, on behalf of the SIRCLE/Ministry of Health Hospital Survey Group: **Moving towards Routine Evaluation of Quality of Inpatient Pediatric Care in Kenya**: PLOS One 2015; March: Doi: 0.1371/journal.pone.0117048
- 25) Jobanputra K, Parker LA, Azih C, Okello V, Maphalala G, Kershberger B, Khogali M, Lujan J, Antierens A, Teck R, Ellman T, Kosgei R, Reid T: **Factors associated with virological failure and suppression after enhanced adherence counselling, in children, adolescents and adults on antiretroviral therapy for HIV in Swaziland**: Plos One 2015;

- 26) A-B. Kihara, A. D. Harries, K. Bissell, W. Kizito, R. Van Den Berg, S. Mueke, A. Mwangi, J. C. Sitene, D. Gathara, **R. J. Kosgei**, J. Kiarie, P. Gichangi: **Antenatal care and pregnancy outcomes in a safe motherhood health voucher system in rural Kenya, 2007–2013**: PHA 2015; 5(1): 23-29
- 27) R. Zachariah, A. M. V. Kumar, A. J. Reid, R. Van den Bergh, P. Isaakidis, B. Draguez, P. Delaunois, S. B. Nagaraja, A. Ramsay, J. C. Reeder, O. Denisiuk, E. Ali, M. Khogali, S. G. Hinderaker, **R. J. Kosgei**, J. van Griensven, G. L. Quaglio, D. Maher, N. E. Billo, R. F. Terry, A. D. Harries: **Open access for operational research publications from low and middle-income countries: who pays?**: PHA 2014; 4(3): 141–144
- 28) Aluvaala J1, Aluvaala J, Nyamai R, Were F, Wasunna A, **Kosgei R**, Karumbi J, Gathara D, English M; On behalf of the SIRCLE/Ministry of Health Hospital Survey Group: **Assessment of neonatal care in clinical training facilities in Kenya**: Arch Dis Child 2014;0:1–6
- 29) Kihuba E, Gathara D, Mwinga S, Mulaku M, **Kosgei R**, Mogoia W, Nyamai R, English M: **Assessing the ability of health information systems in hospitals to support evidence-informed decisions in Kenya**: Glob Health Action, July 2014 31(7),24859
- 30) J. K. Edwards, A. Thiongó, R. Van den Bergh, W. Kizito, **R. J. Kosgei**, A. Sobry, A. Vandebulcke, I. Zuniga, A. J. Reid: **Preventable but neglected: rickets in an informal settlement, Nairobi, Kenya**: Public Health Action, June 2014 4(2), 122-127
- 31) Sitienei J.K, Kipruto K, Borus P, Nyambati V, Sitienei J.C, Kihara A.B, **Kosgei R.J**: **Predictors of low body mass index among patients with smear positive pulmonary tuberculosis in Kenya**: *International Journal of Tropical Disease & Health*, 2014, 4(4): 427-436
- 32) Agnes Sobry, Walter Kizito, Rafael Van den Bergh, Katie Tayler-Smith, Petros Isaakidis, Erastus Cheti, **Rose J. Kosgei**, Alexandra Vandebulcke, Zacharia Ndegwa, Tony Reid: **Caseload, management and treatment outcomes of patients with hypertension and/or diabetes mellitus in a primary health care programme in an informal setting** - Trop Med Int Health , January 2014, 19(1),47-57
- 33) Mosol Priscah, **Kosgei J Rose**, Mabeya Hillary, Sitienei Jackline, Sum Tecla, Chelagat Dinah, Namaloba Ruth, Braitstein Paula, Siika Abraham: **Providing Reproductive Health Module Within HIV Care and Treatment Centre in Kenya** - Journal of Nursing and Health Science, December 2013, 3(1), 19-20
- 34) Kihara AB, **Kosgei RJ**, Cheserem EJ, Mueke S, Owende P, Ojanga NM, Karanja JG: **The sting of death: a case report of breaking bad news with maternal death**: JOGECA 2013; 25(1): 32-34
- 35) **R. J. Kosgei**, D. Szkwarko, S. Callens, P. Gichangi, M. Temmerman, A-B. Kihara, J. J.

- Sitienei, E. J. Cheserem, P. M. Ndavi, A. J. Reid, E. J. Carter: **Screening for tuberculosis in pregnancy: do we need more than a symptom screen? Experience from western Kenya** - Public Health Action, December 2013, 3(4), 294-8
- 36) R. Zachariah, T. Reid, R. Van den Bergh, A. Dahmane, **R. J. Kosgei**, S. G. Hinderaker, K. Tayler-Smith, M. Manzi, W. Kizito, M. Khogali, A. M. V. Kumar, B. Baruani, A. Bishinga, A. M. Kilale, M. Ngobili, G. Patten, A. Sobry, E. Cheti, A. Nakanwagi, D. A. Enarson, M. E. Edginton, R. Upshur, A. D. Harries: **Applying the ICMJE authorship criteria to operational research in low-income countries: the need to engage programme managers and policy makers** - Trop Med Int Health, August 2013, 8, 1025-8
- 37) Buard V., Van den Berg R., Tayler-Smith K., Godhia P., Sorby A., **Kosgei R. J.**, Szumilin E., Harries A. D., Pujades-Rodriguez M: **Characteristics, medical management and outcomes of survivors of sexual gender-based violence, Nairobi, Kenya** - Public Health Action June 2013, 3 (2).
- 38) Nakanwagi-Mukwaya A., Reid A.J., Fujiwara P.I., Mugabe F., **Kosgei R.J.**, Tayler-Smith K: **Characteristics and treatment outcomes of tuberculosis retreatment cases in three regional hospitals, Uganda** - Public Health Action June 2013, 3 (2).
- 39) Sitienei J. Jackline, Kihara Anne-Beatrice, **Kosgei J. Rose**, Cheserem J. Eunice, Siika M. Abraham, Nangami Mabel, Sylvester Kimaiyo, Maina Faith: **Patients' views on the care they receive in Express Care, a task-shifting model in HIV care, at AMPATH, Western Kenya** - Journal of Scientific & Innovative Research, April 2013, 2(2), 243-251
- 40) Kays Muruka, Mugo R. Nelly, Wanyoike Gichuhi, Kihara Anne-Beatrice, Cheserem J. Eunice, **Kosgei J. Rose**: **Same day colposcopic examination and loop electrosurgical excision procedure (LEEP) presents minimal overtreatment and averts delay in treatment of cervical intraepithelial neoplasia in Kenyatta National Hospital, Kenya** - Open Journal of Obstetrics and Gynecology, 2013, 3, 313-318.
- 41) Eunice J. Cheserem, Anne-Beatrice Kihara, **Rose J. Kosgei**, David Gathara, Stephen Gichuhi: **Ovarian Cancer in Kenyatta National Hospital in Kenya: Characteristics and Management** - Open Journal of Obstetrics and Gynecology, 2013, 3, 165-171.
- 42) Kihara Anne – Beatrice, Kiarie Gladwell, Cheserem J. Eunice, Amin Medhat, Bashir Issak, Rogena Emily, **Kosgei J. Rose**. **Breast cancer in pregnancy; routine examination, diagnosis and management- A case report** - Case reports in clinical medicine 2013, 2,119-122.
- 43) Kihara A, **Kosgei JR**, Rogena E, Amin M, Cheserem JE, Kiarie J: **Vulvo-perianal giant condylomata accuminata (Buschke Lowenstein Tumor) in a HIV-infected woman: a case report** JOGECA 2012; 24(2): 52-54
- 44) Braitstein P, Siika A, Hogan J, **Kosgei R**, Sang E, Sidle J, Wools-Kaloustian K, Keter A, Mamlin J, Kimaiyo S: **A clinician-nurse model to reduce early mortality and increase**

**clinic retention among high-risk HIV-infected patients initiating combination antiretroviral treatment-** J Int AIDS Soc. 2012 Feb 17;15:7.

- 45) **R. J. Kosgei**, P. Muia Ndavi, J. O. Ong'ech, J. M. Abuya, A. M. Siika, K. Wools-Kaloustian, H. Mabeya, T. Fojo, A. Mwangi, T. Reid, M. E. Edginton, E. Jane Carter: **Symptom screening: diagnostic usefulness to detect pulmonary tuberculosis in HIV-infected pregnant women in Kenya** - Public Health Action 2011, 1 (2):30.
- 46) **Kosgei RJ**, Lubano M L, Shen C, Wools-Kaloustian K K, Musick SB, Siika MA, Mabeya H, Jane Carter E J, Mwangi A, Kiarie J: **Impact of integrated family planning and HIV care services on contraceptive use and pregnancy outcomes: a retrospective cohort study-** J Acquir Immune Defic Syndr 2011;58:121–126. PMID: PMC3779789.
- 47) **R. J. Kosgei**, k. K. Wools-kaloustian, p. Braitstein, j. E. Sidle, e. Sang, j. N. Gitau, J. J. Sitienei, R. Owino, J. J. Mamlin, S. N. Kimaiyo, A M. Siika: **Task Shifting in HIV Clinics, Western Kenya-** East African Medical Journal Vol. 87 No. 7 July 2010.
- 48) M Cohen, **R J Kosgei**, A Rerimoi, J Mamlin: **The Emerging Problem of Coronary Heart Disease in Kenya** - East African Medical Journal Vol.80 No.6 June 2003.

#### **L. PAPERS PRESENTED IN CONFERENCES, SEMINARS, WORKSHOPS AND OTHER GATHERINGS**

- 1) Kihara A.B, **Kosgei Rose**, Kabare L, Kireki O, Gacheri Mwendwa, Winnie Shena, Karanja J.G: **Ethics in paediatric Gynaecology** - 41st KOGS Annual Scientific Conference, February, 2017
- 2) **Rose J. Kosgei**, Muruka Kays, Nelly R. Mugo **High Agreement Between Colposcopic and LEEP Histology Presents Opportunity for Same Day Colposcopy and LEEP Reducing Delay in Treatment Among HIV-1 -infected and Uninfected Women in Kenyatta National Hospital-Centres For AIDS Research, Providence Rhode Island, September 2012**
- 3) **R. J. Kosgei**, J. O. Ong'ech, J. Abuya, E. J. Carter, K. Wools-Kaloustian, T. Fojo, A. Mwangi, P. M. Ndavi **screening of pulmonary tuberculosis among HIV-infected pregnant women in western Kenya-** 42<sup>nd</sup> Union World Conference on Lung Health Lille, France, October 2011- *IJTLD 2011, 15(3): S198*
- 4) **R. J. Kosgei**, J. Abuya, J. O. Ong'ech, K. Wools-Kaloustian, A. Mwangi, A.M Siika, P. M. Ndavi, E. J. Carter **screening tb among hiv-infected pregnant women: role of symptom screen-** 42<sup>nd</sup> Union World Conference on Lung Health Lille, France, October 2011- *IJTLD 2011, 15(3): S85*
- 5) D. Szkwarko, L. Kamle, **R.J. Kosgei**, E. J. Carter **implementing TB screening in a preventing mother to child transmission clinic in western Kenya--** 42<sup>nd</sup> Union World Conference on Lung Health Lille, France, October 2011 - *IJTLD 2011, 15(3): S226*

- 6) K. Wools-Kaloustian, **R. J. Kosgei**, S. Kimaiyo, P. Braitstein, E. Sang, B. Musick, C. Yiannoutsos, A. Siika **Low risk express care: A nurse-centered model for the management of stable patients on combination antiretroviral therapy (cART)-** AIDS 2010 - XVIII International AIDS Conference: Abstract no. THAE0305 "
- 7) **R J Kosgei**, H Mabeya ,P Bundotich, J Sitienei, K Lane, E Jane Carter, K Wools-Kaloustian, A M Siika :**Integrating Reproductive Health Services into HIV Care: Experience from USAID-AMPATH-** 40th Union World Conference on Lung Health Cancun, Mexico, December 2009- *IJTLD 2009, 13(1): S57*
- 8) K. Wools-Kaloustian, E. Were, L. Diero, K. Lane, P. Braitstein, **R. Kosgei**, W. Nyandiko, E. J. Carter: **Model program: Integration of PMTCT, pregnancy and TB care provision issues in Kenya** - 40th Union World Conference on Lung Health Cancun, Mexico, December 2009 - *IJTLD 2009, 13(1): S58*
- 9) **RJ Kosgei**, K Wools-Kaloustian, P Braitstein, JE Sidle, E Sang, JN Gitau, JJ Sitienei, R Owino, JJ Mamlin, SN Kimaiyo, AM Siika: **Express care a clinician-nurse model in the management of high volume HIV clinics in Western Kenya** - Oral Abstract Session: AIDS 2008 - XVII International AIDS Conference: Abstract no. WEAX0102"
- 10)P Braitstein, A Siika, **R Kosgei**, J Sidle, K Wools-Kaloustian, C Yiannoutsos, W Tierney, J Mamlin, S Kimaiyo: **Early Survival and Clinic Retention Among High Risk HIV-Infected Patients Initiating Combined Antiretroviral Treatment (cART) In A Pilot Express Care System Compared To Routine Care In Western Kenya-** Oral Abstract Session: AIDS 2008 - XVII International AIDS Conference: Abstract no. TUAB0204"

**M. CONFERENCES/ CONGRESS/SYMPOSIA/ SEMINAR/ PROFESSIONAL MEETINGS ATTENDED**

<b>2017</b>	41 <sup>st</sup> Kenya Obstetrical and Gynaecological Society Annual Scientific Conference Mombasa, Kenya (February 2017)
<b>2016</b>	40 <sup>th</sup> Kenya Obstetrical and Gynaecological Society Annual Scientific Conference Kisumu, Kenya (February 2016)
<b>2015</b>	The 46 <sup>th</sup> Union World Conference on Lung Health, Cape Town South Africa (December 2015)
<b>2015</b>	XXI International Federation of Gynecology and Obstetrics (FIGO), world congress, Vancouver Canada (October 2015)
<b>2015</b>	39 <sup>th</sup> Kenya Obstetrical and Gynaecological Society Annual Scientific Conference Nairobi, Kenya (February 2015)
<b>2014</b>	38 <sup>th</sup> Kenya Obstetrical and Gynaecological Society Annual Scientific Conference Nairobi, Kenya (February 2014)

<b>2013</b>	37 <sup>th</sup> Kenya Obstetrical and Gynaecological Society Annual Scientific Conference Nairobi, Kenya (February 2013)
<b>2012</b>	Anglophone African Expert Speakers Forum, Accra Ghana (June 2012)
<b>2012</b>	14 Biennial meeting of the international Gynaecologic Cancer Society, Vancouver Canada (October 2012)
<b>2012</b>	36th Kenya Obstetrical and Gynaecological Society Annual Scientific Conference Nairobi, Kenya (February 2012)
<b>2011</b>	42 <sup>nd</sup> International Union against Tuberculosis and lung Disease world conference Lille, France, October 2011
<b>2011</b>	35th Kenya Obstetrical and Gynaecological Society Annual Scientific Conference Nakuru, Kenya (February 2011)
<b>2009</b>	40th International Union against Tuberculosis and lung Disease world conference, Cancun Mexico (December 3-7)
<b>2009</b>	33rd Kenya Obstetrical and Gynaecological Society Annual Scientific Conference Mombasa, Kenya (February 17-21)
<b>2008</b>	XVII International AIDS society conference, Mexico City (August 3-8)
<b>N. CONFERENCE, SYMPOSIA AND SEMINAR ORGANIZATION</b>	
<b>2016</b>	World Health Organization (WHO) Structured Operational Research and Training Initiative (SORT IT), for Kenya Ministry of Health, hosted by the Department of Obstetrics and Gynaecology University of Nairobi – Module 3
<b>2015</b>	Gynaecologic Oncology Curriculum Development – Stakeholders meeting
<b>2015</b>	World Health Organization (WHO) Structured Operational Research and Training Initiative (SORT IT), for Kenya Ministry of Health, hosted by the Department of Obstetrics and Gynaecology University of Nairobi – Module 1 and 2
<b>2015</b>	3rd International Scientific Conference Organized by College of Health Sciences, University of Nairobi and Kenyatta National Referral and Teaching Hospital
<b>2015</b>	39 <sup>th</sup> Kenya Obstetrical and Gynaecological Society Annual Scientific Conference Nairobi, Kenya
<b>2014</b>	Maternal Neonatal and Child Health (MNCH) symposium

<b>2013</b>	37 <sup>th</sup> Kenya Obstetrical and Gynaecological Society Annual Scientific Conference Nairobi, Kenya
<b>O. SHORT PROFESSIONAL COURSES</b>	
<b>2014</b>	UNICEF Eastern and Southern Africa Regional Office: HIV and Maternal, Neonatal, and Child Health (MNCH) integration and strengthening within the context of the Global Fund's new funding model (NFM) - integrated gap analysis for HIV/MNCH, gap analysis, development and concept notes, Johannesburg, South Africa (July 28-30)
<b>2014</b>	Liver Pool School of Tropical Medicine in collaboration with the University of Nairobi, World Health Organization and the Royal College of Obstetricians and Gynaecologist: Emergency Obstetrics and Neonatal Care, a Competency Based Training, Nairobi Kenya (Nov 11-16)
<b>2012</b>	Manitoba University, School of Medicine, Canada Department of Gynaecologic Oncology: Observe ship Gynaecologic Oncology, Winnipeg Manitoba Canada (September-October)
<b>2012</b>	Monash University, School of Psychology and Psychiatry: Ethnographic and qualitative research methods and academic writing course, Melbourne Australia (July 7-20)
<b>2011</b>	American Society for Colposcopy and Cervical Pathology: Colposcopy and Management of Cervical Dysplasia and Loop Electrosurgical Excision Procedure, Nairobi, Kenya (February 21-25)
<b>2011</b>	Ministry of Public Health and Sanitation: Cervical Cancer Screening and Treatment Workshop, Nairobi, Kenya (November 21-25)
<b>2009</b>	University of Washington centre for AIDS and STD course: Principles of STD/HIV Research, Seattle Washington, USA (July 20-30)
<b>2009</b>	Summer institute in statistics and modeling of infectious diseases University of Washington: Evaluating Indirect Effects of Vaccination Course, Seattle Washington, USA (June 22-24)
<b>2009</b>	Summer institute in statistics and modeling of infectious diseases University of Washington: Design and Analysis of Vaccine Clinical Trials Course, Seattle Washington, USA (June 17-19)
<b>2009</b>	Summer institute in statistics and modeling of infectious diseases University of Washington: Probability and Statistical Inference Course, Seattle Washington, USA (June 15-17)



<b>2009</b>	Summer institute in statistics and modeling of infectious diseases University of Washington: Inference for Graphs and Network Theory in Infectious Diseases Course, Seattle Washington, USA (June 24-26)
<b>2007</b>	Republic of Kenya, Ministry of Health and USAID-AMPATH: TB-HIV training, Eldoret, Kenya (February 10)
<b>2006</b>	Republic of Kenya, Ministry of Health and USAID-AMPATH: Comprehensive Care of the HIV Infected Patient with Emphasis on Antiretroviral Therapy, Eldoret, Kenya (June 19-23)
<b>2005</b>	Republic of Kenya, Ministry of Health: On the Job Training Skills for Reproductive Health Professionals, Kilifi, Kenya (November 22-26)
<b>2005</b>	Republic of Kenya, Ministry of Health: Mini Laparotomy Standardization Training, Watamu, Kenya (August 8-19)
<b>P. TRAINING FACILITATION OF SHORT COURSES</b>	
<b>2016</b>	World Health Organization (WHO) Structured Operational Research and Training Initiative (SORT IT), for Kenya Ministry of Health, hosted by the Department of Obstetrics and Gynaecology University of Nairobi – Module 3
<b>2015</b>	World Health Organization (WHO) Structured Operational Research and Training Initiative (SORT IT), for Kenya Ministry of Health, hosted by the Department of Obstetrics and Gynaecology University of Nairobi – Module 1 and 2
<b>2015</b>	Integrated Operations Research Capacity Building to Support Malaria Elimination in Southern Africa
<b>2015</b>	National Advanced HIV Clinical Course: Maternal Neonatal and Child Health Module
<b>2014</b>	Half day training on Levonorgestrel Intrauterine System (LNG-IUS) at Kenyatta National Hospital, Clinic 66
<b>2014</b>	Critical Appraisal of Research Proposals Training Workshop, University of Nairobi
<b>2014</b>	Operations Research Training course for the African region, in collaboration with the World Health Organization (WHO) and Medicines' Sans Frontiers (MSF)
<b>2014</b>	National Advanced HIV Clinical Course: Maternal Neonatal and Child Health Module
<b>2014</b>	Client –Centred Approach to Cervical Cancer Screening and Preventative Treatment, Marie Stopes International
<b>2013</b>	Bio-Ethics and Research Ethics Course, University of Nairobi
<b>2013</b>	Responsible Conduct of Research Course, University of Nairobi

<b>2013</b>	Kenyatta National Hospital Implementation Research training course
<b>2013</b>	Operations Research Training course for the African region, in collaboration with the World Health Organization (WHO) and Medicines' Sans Frontiers (MSF)
<b>2012</b>	Operations Research Training course for the African region, in collaboration with the World Health Organization (WHO) and Medicines' Sans Frontiers (MSF)
<b>2012</b>	Master Trainer- cervical cancer prevention and control service provider training
<b>Q. RESEARCH SUPPORT AND GRANTS</b>	
<b>Ongoing grant application</b>	
<b>2015...</b>	Co-Principal Investigator, in an ongoing, RO1 NIH grant application: Breaking the vicious cycle of intergenerational anaemia among pregnant women in Kenyatta National Hospital. If awarded it will be a collaboration between the University of Nairobi, College of Health Sciences and the Indiana University, USA
<b>Active Grant</b>	
<b>2016 to 2017</b>	Principal Investigator of a World Health Organization (WHO) Grant, the Structured Operational Research and Training Initiative (SORT IT), a global partnership funded by the World Health Organization through collaboration with the University of Nairobi Department of Obstetrics and Gynaecology (USD 124, 500. 24).
<b>Completed</b>	
<b>2015 to 2016</b>	Principal Investigator of a World Health Organization (WHO) Grant, the Structured Operational Research and Training Initiative (SORT IT), a global partnership funded by the World Health Organization through collaboration with the University of Nairobi Department of Obstetrics and Gynaecology (USD 122,845.68).
<b>2009 to 2014</b>	Principal Investigator, the effect of third trimester pregnancy on the pharmacokinetics of efavirenz among TB/HIV co-infected pregnant women in western Kenya. Funded Fogarty AIDS International Training and Research Program D43-TW-000237
<b>2010 to 2011</b>	Principal Investigator Cough Monitor Screening in PMTCT Setting USAID-AMPATH: Funded through an Operational Research Fellowship as a result of a memorandum of understanding between AMPATH and the Centre for Operational Research, International Union Against Tuberculosis and Lung Disease, France; supported by an anonymous donor.
<b>R. SCHOLARSHIPS, HONORS AND AWARDS</b>	
<b>2013</b>	Awarded the Kenyatta National Hospital, certificate of appreciation in recognition of

	valuable contributions in the Reproductive Health Department
<b>2011</b>	Awarded the Kenya Obstetrical and gynaecological society Merit Award for outstanding performance in the final Masters in Obstetrics and Gynaecology, School of Medicine University of Nairobi
<b>2010</b>	Awarded an Operational Research Fellowship as a result of a memorandum of understanding between AMPATH and the Centre for Operational Research, International Union Against Tuberculosis and Lung Disease, France supported by an anonymous donor
<b>2009</b>	Awarded a Miriam/Brown/Tufts Fogarty AIDS International Training and Research Program D43-TW-000237 to pursue a Master in Science course in Clinical Trials University of London as an external student
<b>2009</b>	Awarded a Miriam/Brown/Tufts Fogarty AIDS International Training and Research Program D43-TW-000237 as a fellow in research in HIV/AIDS, Brown University, Providence USA
<b>2007</b>	Awarded a scholarship by the USAID-AMPATH partnership to pursue and MMED in Obstetrics and Gynaecology University of Nairobi, Kenya
<b>2002</b>	Awarded the Moi University Faculty of Health Sciences in Collaboration with Indiana University School of Medicine, COBES Award, in recognition of outstanding performance in Community Based Education and Service (COBES)

#### **S. PROFESSIONAL BODY AFFILIATIONS**

- 1) Executive Board Member the International Federation of Gynaecology and Obstetrics (FIGO) representing Africa and East Mediterranean
- 2) Kenya Obstetrical and Gynaecological Society (KOGS)
- 3) Member Kenya Medical Association (KMA)
- 4) Member the International Union Against Tuberculosis and Lung Disease (the Union)

#### **T. REFEREES**

##### **1) Professor Omondi Ogutu**

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