

CURRICULUM VITAE

Prof. Fredrick C. F. Otieno

**Associate Professor of Internal Medicine / Endocrinology
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I PERSONAL DETAILS

Date of Birth	24 th December, 1960
Marital Status	Married with 2 children
Nationality	Kenyan
Languages	English, Kiswahili and Dholuo

II EDUCATION AND QUALIFICATIONS

Nov 2015	Fellow of the Royal College of Physicians of Edinburgh, FRCP(Edin)
1989 Oct – 1993 Sept	University of Nairobi Coursework and dissertation Master of Medicine (M.Med) in Internal Medicine
1980 Oct – 1986 July	University of Nairobi Bachelor of Medicine & Surgery (MBChB)
1978 – 1979	Gaichanjiru High School Advanced Level Certificate: East African Advanced Certificate of Education (E.A.A.C.E) Maths, Physics, Chemistry, Biology and subsidiary general paper Obtained 4 principal passes, 1 subsidiary
1974 – 1977	St.Josephs Nyabondo High School Ordinary Level Certificate: East African Certificate of Education Subjects: English-3, Kiswahili-3, Maths-3, Physical Sciences-4, History-3, Geography-4, Biology-5 and Agriculture-8 Obtained 7 credits and 1 pass, Division 1, 20 points

III WORK AND PROFESSIONAL EXPERIENCE

2010 Jan to date	Associate Professor Department of Clinical Medicine & Therapeutics, School of Medicine College of Health Science, University of Nairobi
2004 May - 2010 Jan	Senior Lecturer in Internal Medicine Department of Clinical Medicine & Therapeutics, School of Medicine College of Health Science, University of Nairobi
1993 Dec – 2004 May	Lecturer in Internal Medicine Department of Clinical Medicine & Therapeutics, School of Medicine College of Health Science, University of Nairobi

IV DUTIES AND RESPONSIBILITIES

2010 Jan to date	As Associate Professor Lectures and clinical teaching to both under- and post-graduate students in Internal Medicine at the College and the teaching hospital, Kenyatta National Hospital. Responsibilities include: <ul style="list-style-type: none"> ▪ Carrying out research in clinical medicine, inter-departmental research collaboration ▪ Duties as may be assigned by the Chairman of the Department ▪ Mentorship of academic staff and clinicians ▪ Clinical care, clinical teaching in the medical wards and clinics at Kenyatta National Hospital. ▪ Coordination of Endocrinology lectures to MB,ChB and M.Med Students ▪ Coordinator of Post-graduate Examination from 2010 to date ▪ Administrative duties of Thematic head, Unit of Clinical Medicine, Jan 2015 to date, Convener, Examination Committee, School of Medicine, Member of College Academic Board
2004 May - 2010 Jan	As Senior Lecturer Lectures and clinical teaching to both under- and post-graduate students in Internal Medicine at the teaching hospital, Kenyatta National Hospital. Responsibilities included: <ul style="list-style-type: none"> ▪ Carrying out research in clinical medicine, inter-departmental research collaboration ▪ Coordination of clinical rotation and end-of-term assessment of final year (5th) clerkship in clinical medicine for MBChB ▪ Member of organizing committee of final year (5th) exam in clinical medicine ▪ Clinical care, clinical teaching in the medical ward at Kenyatta National Hospital. ▪ Coordination of Endocrinology lectures to M.Med Students ▪ Coordinator of Integrated lectures in clinical medicine for level 3 MBCh.B until 2002.

- 1993 Dec – 2004 May As Lecturer**
- Lectures and clinical teaching to both under and post-graduate students in Internal Medicine at the teaching hospital, Kenyatta National Hospital. Responsibilities included:
- Carrying out research in clinical medicine, inter-departmental research collaboration
 - Coordination of clinical rotation and end-of-term assessment of final year (5th) clerkship in clinical medicine for MBChB
 - Member of organizing committee of final year (5th) exam in clinical medicine.
 - Clinical care, clinical teaching in the medical ward at Kenyatta National Hospital.
 - Coordination of Endocrinology lectures to M.Med Students
 - Coordinator of Integrated lectures in clinical medicine for level 3 M.B, Ch.B.
 - Coordinator of lectures in Respiratory Medicine for MBChB 3
- 1996** Registered as specialist in Internal Medicine with Medical Practitioners and Dentist Board of Kenya
- 1989 – 1993 As Tutorial Fellow, Department of Medicine**
- Tutorials to undergraduate students in clinical medicine
 - Consultant physician in major private hospitals in Nairobi: The Aga Khan Hospital - Nairobi, The Mater Hospital, The Nairobi Hospital
- 1993 – 1996** I was the physician to the undergraduate students. Responsibilities included:
- Offering clinical services in the hostel out-patient clinic
 - Follow-up of hospitalized students
 - Facilitation of medical reports to the Chief Medical Officer/Faculty Board.
- 1988 Aug – 1989 Dec As Medical Officer at the Emergency Out-patient Department of Internal Medicine at Kenyatta National Hospital.**
- Emergency clinical services and screening of patients for either ambulatory care or in-patient care.
- 1987 Aug – 1988 Aug Medical Officer at Kenyatta National Hospital** seconded from Ministry of Health
- 1986 Aug – 1987 Jul As Medical Officer (Intern) at Kenyatta National Hospital**
- Rotational in units of internal medicine
 - Obstetrics/Gynecology, Surgery and Paediatrics
 - Clinical services in the in-patient wards, out-patient clinics and theatre operations under supervision

V GRANTS/CONTRIBUTIONS TO THE UNIVERSITY

- Member of MEPI Grant AIM 3
- Secured, as National Chair, KAP, Subspecialty training sponsored by Royal College of Physicians, 4 physicians: 2 from Department of Medicine, UoN, 1 KNH and 1 Aga Khan University Hospital, Nairobi.
- Secured teleconferencing facility in the Department of Medicine, in collaboration with the Principal, CHS, donation of MERCK.

VI OTHER PROFESSIONAL DUTIES

- Reviewer for **East African Medical journal**
- Reviewer for **International Diabetes Monitor Journal 2003 - 2006**
- Member of the Editorial Board of the recently initiated **African Journal of Diabetes and Metabolism**
- Reviewer of pre-registration of Doctors and co-opted member of Preliminary Inquiry Committee of the Medical Practitioners and Dentists Board.

VII INTERNATIONAL CONFERENCES, TRAINING AND SEMINARS ATTENDED

2015	EASD Congress, Vienna
Feb 2014	2 nd African Diabetes Congress, <u>Invited Speaker</u> . Yaoundé, Cameroon
Dec 2013	WDC, IDF. Melbourne, Australia
Sept 2013	EASD Congress. Barcelona, Spain
April 2013	Diabetes Care Workshop, <u>Resource Person</u> . Ethiopia .
March 2013	Workshop on Diabetes Training. Windhoek, Namibia
March 2013	<u>Training on Evaluation of Health Facilities and Programmes</u> . Heidelberg, Germany
July 2012	1 st African Diabetes Congress. Arusha, Tanzania .
Sept 2012	EASD Congress. Berlin, Germany
Dec 2011	WDC, IDF. Dubai
Sept 2011	EASD Congress. Lisbon, Portugal
April 2011	<u>Advancement of Diabetes Research and Care</u> , <u>Short Course</u> . Athens, Greece
April 2011	International Symposium on Microbial Agents Resistance. Seoul, South Korea
Nov 2010	International Congress on Drug Therapy in HIV Infection. Glasgow, Scotland
Sept 2010	EASD Congress. Stockholm, Sweden
May 2010	<u>Diabetes Symposium and Training</u> . Berlin, Germany
March 2010	Workshop on Care of Type 2 Diabetes, <u>Resource person</u> . Kampala, Uganda
Oct 2009	World Diabetes Congress - IDF. Montreal, Canada
Sept 2009	EASD Conference. Vienna, Austria
July 2009	IAS Conference on HIV Pathogenesis, Treatment and Prevention. Cape Town, SA
May 2009	AZ Specialist Symposium on Diabetes/Hypertension. Cape Town, South Africa
Sept 2008	EASD Conference on Diabetes. Rome, Italy
July 2008	Conference/workshop on Cardiovascular Disease, Johannesburg, South Africa
April 2008	Workshop for Experts on Care of Diabetes & Hypertension in Africa. Mauritius
9 th – 13 th Sept 2008	EASD Conference. Rome, Italy
Sept 2007	EASD Conference. Amsterdam, The Netherlands
July 2007	International AIDS Society (IAS) Biannual Congress. Sydney, Australia
3 rd – 7 th Dec 2006	IDF Global Conference. <u>Invited Speaker</u> . Cape Town, South Africa

Sept 2006	EASD Conference on Diabetes. Copenhagen, Denmark
March 2006	<u>C.A.R.E Workshop & Training in HIV care.</u> Johannesburg, South Africa
Sept 10th to 15th 2005	EASD Conference on Diabetes. Athens, Greece
July 2005	16 th Meeting of Clinical Care Options in HIV/AIDS. Miami, Florida, USA
April 2005	1 st Post-Graduate ADA/EASD/IDF Course in Diabetes in Sub-Saharan Africa. <u>Resource Person.</u> Nairobi, Kenya and Yaoundé, Cameroon
Sept 2004	EASD Conference. Munich, Germany
July 2004	World AIDS Conference. Bangkok, Thailand
Feb 2004	IDF Workshop on Clinical Practice Guidelines for Diabetes and African Declaration. <u>Resource Person.</u> Zanzibar
Sept 2003	EASD/IDF. Paris, France
29th April to 3rd May 2003	WHO/IDF Workshop on Diabetes Care in Africa. <u>Resource Person</u> Zanzibar
Nov - Dec 2002	Diabetes India, International Conference. <u>Invited Speaker.</u> Bombay, India
July 2002	World Conference on HIV/AIDS. Barcelona, Spain
June 2002	American Diabetes Association, <u>Pre-Congress Course.</u> San Francisco, USA
Sept 2001	EASD Conference on Diabetes. Glasgow, Scotland
June 17th to 21st 2001	Symposium on HIV/AIDS Treatment Access and Good Clinical Practice (GCP) <u>Training for C.A.R.E Research.</u> Abidjan, Ivory Coast
May 2001	Pan African Diabetes Study Group Conference. <u>Invited Speaker.</u> Casablanca, Morocco
March 2001	<u>Advanced Epidemiology Course on Type 2 Diabetes.</u> Utrecht, Netherlands
Nov 2000	IDF Conference and Clinical Symposium on Diabetes. Cancun and Mexico City
Sept 2000	EASD, Conference on Diabetes. Jerusalem, Israel
July 2000	World Conference on HIV/AIDS. Durban, South Africa
Sept 1999	EASD, Conference on Diabetes. Brussels, Belgium
Aug 14th to 30th 1999	IDF Western Pacific Conference on Diabetes and Conference of IPITA on Transplant in Diabetes. Sydney, Australia
July 1999	<u>Seminar and Training on Epidemiology of Diabetes.</u> Cambridge, United Kingdom
May 1998	Pan African Diabetes Study Group Conference. Dar-es-Salaam, Tanzania
February 1998	Medic Africa 1998. Kampala, Uganda

VIII COMMUNITY SERVICE

- Fund raising for faith based organizations and schools
- Medical camps for free medical care, especially rural communities
- Regular medical screening camps for disadvantaged children at the Mathare Community Church, Nairobi
- Conducting free Continuing Professional Development seminars/workshops/talks to doctors in various institutions in Nairobi and the private hospitals
- Authorship of medical information in both print and electronic media

IX PROFESSIONAL MEMBERSHIP

- Kenya Association of Physicians (KAP). Former Assistant Secretary
- Kenya Medical Association (KMA)
- European Association for Study of Diabetes (EASD). Member Number 990197
- Pan African Diabetes Study Group (PADSG) and Kenya Diabetes Study Group
- International Diabetes Federation (IDF). Member of African Regional Taskforce on African Declaration on Diabetes
- American Association of Clinical Endocrinologists
- American Diabetes Association

X LIST OF PUBLICATIONS / CONTRIBUTION TO LITERATURE

1. Kimando, MW, **Otieno CF F**, Ogola EN, Mutai K. Adequacy of control of cardiovascular risk factors in ambulatory patients with type 2 diabetes attending diabetes out-patients clinic at a county hospital, Kenya. *BMC Endocrine Disorders* 2017; 17:73.
2. Gulam A H, **Otieno CF**, Omondi-Oyoo G. Prevalence of Psychological Insulin Resistance among Patients with Type 2 Diabetes at Kenyatta National Hospital, Kenya. *Health Science Journal*, 2017; 11:3.
3. Omonge E, **Otieno CF**, Kubo MN and Shiruli B. et al. Poncet's disease in human immune deficiency virus: a case report. *BMC Res Notes* (2017) 10:203
4. Monicah W. Karara, **Fredrick C. Otieno**, Faith A. Okalebo, Elizabeth Lamos, and Isaac O. Kibwage., Determinants of insulin-related knowledge among health care providers at a county referral hospital in Kenya. *Afr J Pharmacol. Ther.* 2016. 5(5): 74-80.
5. George O. Osanjo, Julius O. Oyugi, Isaac O. Kibwage, Walter O. Mwanda, Elizabeth N. Ngugi, **Fredrick C. Otieno**, Wycliffe Ndege, Mara Child, Carey Farquhar, Jeremy Penner, Zohray Talib and James N. Kiarie. Building capacity in Implementation Science Research Training at the University of Nairobi. *BMC Implementation Science* 2016; 11: 30
6. Kanu Joseph E., **Otieno C.F. Frederick**, Karari Emma M, Okech-Helu Violet and Mutai Kenn., The Burden of Co-morbid Depression in Ambulatory Patients with Type 2 Diabetes Mellitus at Kenyatta National Hospital, Kenya. *Int J Diabetes Clin. Res* 2016; 3:055.
7. G.O. Oyoo, E.K. Genga, **Otieno C.F.**, C.S. Ilovi, E.A. Omondi and F.O. Otieno., Clinical and socio-demographic profile of patients on treatment for osteoporosis in Nairobi, Kenya. *East African Orthopaedic J.* 2015; 9(2): 62-66
8. Kamau E, Kayima J.K., **Otieno C.F.**, The Determinants of Health Related Quality of Life of patients on Maintenance Haemodialysis at the Kenyatta National Hospital. *East Afr Med J.* 2014; 91(10):368-374.
9. Genga, EK, Oyoo, G.O., **Otieno C.F.** When is the last time you looked for diffuse infiltrative lymphocytosis syndrome in HIV patients? *Afr J of Rheumatol* 2014; 2(2): 49-53.
10. Oyoo GO, Muia B, Otieno FO, Ganda B, **Otieno C.F**, Moots RJ. Occurrence of crystal arthropathy in patients presenting with synovitis in Nairobi, Kenya. *Afr J of Rheumatol* 2014; 2(2): 75-77.

11. Owuor AO, Lule GN, **Otieno C.F.**, Omonge EO, Maritim MC, Memiah P,. Modification of Antiretroviral Therapy in a Cohort Study of HIV-Infected patients attending an Urban Teaching Hospital in Kenya. *Int J Virol AIDS* 2014;1:1.1-5
12. Genga E.K., **Otieno C.F.** Case Report of a Patient with Pheochromocytoma presenting with Gangrene and Diabetes. *European International Journal of Applied Science and Technology* 2014; Vol 1 (2): pages 74- 84.
13. Genga E.K., **Otieno C.F.**, Ogola E.N., Maritim M.C. Assessment of the Perceived Quality of Life of Non-Insulin Dependent Diabetic Patients attending the Diabetes Clinic in Kenyatta National Hospital. *IOSR Journal of Pharmacy* 2014; 4(3) : 15-21
14. **Otieno C.F.**, HIV: Situation Analysis for Kenya. Editorial. *East Afr Med J.*2013; 90 (12) SUPPL: S1-S2.
15. A. E. O. Otedo, **C. F. Otieno**, C. Okal, D. Othoro, G. O.Oyoo and E.O. Omonge. Morbidity and CD4+ Cell Counts at Initial Presentation of a Cohort of HAART Naïve, HIV Positive Kenyan Patients: Implications to Initiating HAART. *East Afr Med J.*2013; 90 (12) SUPPL: S3-S14.
16. **C. F. Otieno**, A. E. O. Otedo, D. Othoro, M. Y. Otiende, P. Okoth, E.O. Omonge and G. O.Oyoo. CD4+ Cell Response to Anti-Retroviral Therapy (ARTS) in Routine Clinical Care over One Year Period in a Cohort of HAART Naïve, HIV Positive Kenyan Patients. *East Afr Med J.*2013; 90 (12) SUPPL: S15- S24.
17. A. E. O. Otedo, J. O. Otieno, **C. F. Otieno** and G. O. Oyoo. Cholangiopathy in a Cohort of HIV Positive Kenyan Patients. *East Afr Med J.*2013; 90 (12) SUPPL: S25- S32.
18. A. E. O. Otedo, **C. F. Otieno**, J. Jowi, G. O. Oyoo and E.O. Omonge. Cryptococcus Meningitis in a Cohort of HIV Positive Kenyan Patients: Outcome after Two Weeks of Therapy. *East Afr Med J.*2013; 90 (12) SUPPL: S33- S39.
19. A. E. O. Otedo, **C. F. Otieno**, G. O. Oyoo and E.O. Omonge. Anti-Retroviral Therapy Related Liver Injury (ARLI): A Series of 11 Cases. *East Afr Med J.*2013; 90 (12) SUPPL: S40- S47.
20. A. E. O. Otedo, G. O. Oyoo, J. O. Otieno, **C. F. Otieno** and E.O. Omonge. Pyomyositis in HIV: A Series of 12 Cases. *East Afr Med J.*2013; 90 (12) SUPPL: S48- S52.
21. **C. F. Otieno**, A. E. O. Otedo, G. O. Oyoo and E.O. Omonge. Diabetes Mellitus/ HIV Interphase: A Series of 10 Cases. *East Afr Med J.*2013; 90 (12) SUPPL: S53- S56.
22. **C. F. Otieno**, A. E. O. Otedo , M.Y. Otiende, E.O. Omonge and G. O.Oyoo. Reasons for Change of Anti-Retroviral Therapy (ART) Drugs: Local Experience. *East Afr Med J.*2013; 90 (12) SUPPL: S57- S61.
23. E.O. Omonge, **C. F. Otieno**, M.C. Maritim, C.S. Ilovi, L. Achieng and A. E. O. Otedo. Osteopaenia and Osteonecrosis in HIV Infection; Report of Two Cases. *East Afr Med J.*2013; 90 (12) SUPPL: S75- S78.
24. E.O. Omonge, **C. F. Otieno**, M.C. Maritim, C.S. Ilovi, L. Achieng and A. E. O. Otedo. Unboosted Atazanavir in Treatment of HIV Infection: Consideration of Tolerability and Safety while Maintaining Efficacy – Report of Two Cases. *East Afr Med J.*2013; 90 (12) SUPPL: S79- S82.
25. M.C. Maritim, **C. F. Otieno**, E.O. Omonge and G. N. Lule. Evolution of HIV Training for Enhanced Care Provision in Kenya: Challenges and Opportunities. *East Afr Med J.*2013; 90 (12) SUPPL: S83- S90.
26. A.A. Mcligeyo, G.N Lule, **C. F. Otieno**, J.K. Kayima, Omonge E. Human Immunodeficiency Virus (HIV) Associated Lipodystrophy: The Prevalence, Severity and Phenotypes in Patients on Highly Active Anti-Retroviral Therapy (HAART) in Kenya. *Journal of AIDS and HIV Research.* 2013; 5(4):107-113.
27. A.A. Mcligeyo, G.N Lule, **C. F. Otieno**, J.K. Kayima, Omonge E. Metabolic Factors Associated with the Development of Lipodystrophy in Patients on Long-Term Highly Active Anti-Retroviral Therapy (HAART). *Journal of AIDS and HIV Research.* 2013; 5(5):142-148.
28. Ayah R., Joshi M.D., Wanjiru R., Njau E.K., **Otieno C.F.**, Mutai K. K. A Population-Based Survey of Prevalence of Diabetes and Correlates in an Urban Slum Community in Nairobi, Kenya. *BMC Public Health.* 2013; 13:371 -381.

29. A.A. Mcligeyo, G.N Lule, **Otieno C. F.**, J.K. Kayima, Omonge E. Factors Associated with the Development of HIV Associated Lipodystrophy in Patients on Long-Term HAART. *Journal of AIDS and HIV Research* .2012; 5(12): 448-454.
30. G.O. Oyoo, B.O. Owino,. **Otieno C. F.** An Evaluation of Health Related Quality of Life in Patients with Rheumatoid Arthritis. *East African Orthopaedic Journal*. 2011; 5: 40-45
31. J.O. Anino, A. Affulo, **Otieno C. F.** Occupational Noise-Induced Hearing Loss among Workers at Jomo Kenyatta International Airport, Nairobi. *East African Medical Journal*. 2010; 87(2):49-57.
32. Nguchu H.K., Joshi M.D., **Otieno C. F.** Acute Coronary Syndromes amongst Type 2 Diabetics with Ischaemic Electrocardiograms Presenting to Accident and Emergency Department of a Kenyan Tertiary Institution. *East Afr Med J*. 2009; 86: 204- 211.
33. Mugambi Nturibi E., **Otieno C. F.**, Kwasa T. O. O., Oyoo G.O. and Acharya K., Stratification of Persons with Diabetes into Risk Categories for Foot Ulcerations, *East Afr. Med J*, 2009; 86(5):pg223-239.
34. Owino B. O., Oyoo G.O. and **Otieno C.F.**, Socio Demographic and Clinical Aspects of Rheumatoid Arthritis at Kenyatta National Hospital. *East Afr. Med J*, 2009; 86(5): 204-211.
35. **Otieno C.F.**, Huho A.N., Omonge E.O. Amayo A. A., Njagi E. Type 2 Diabetes: Clinical and Aetiological Types, Therapy and Quality of Glycaemic Control of Ambulatory Patients. *East Afr. Med J*, 2008; 85: 24-29.
36. **Otieno C.F.** Type 2 Diabetes - An Emerging Epidemic in Kenya. Editorial. *East Afr. Med J*, 2007; 84: 249 - 250.
37. **Otieno C.F.** Clinical Care of Type 2 Diabetes in Sub-Saharan Africa. *Internat Diabetes Monitor* 2006; 18(6): 5-11.
38. Sow P.S., **Otieno C.F.**, Bissagnene E., Kityo C., Bennink R., Wit F., Waalberg, Rinke de Wit, Lange J.M. Implementation of an Anti-Retroviral Access Program for HIV-1 Infected Individuals in Resource-Limited Settings: Clinical Results from 4 African Countries. *J Acquir Immune Defic Syndr*, 2007; 44(3):262-267.
39. **Otieno C.F.**, P.M. Nyamu and G. Atieno-Jalang'o. Focus on Delay as Strategy for Care Designs and Evaluation of Diabetic Foot Ulcers in Developing Countries: A Review. *East Afr. Med J*, 2005: 82 (12):S205-S208.
40. **Otieno C.F.**, J.K. Kayima, E. O. Omonge and G. O. Oyoo. Diabetic Ketoacidosis: Risk Factors, Mechanisms and Management Strategies in Sub-Saharan Africa: A Review. *East Afr. Med J*, 2005: 82 (12):S197- S204.
41. Mbugua P. K., **Otieno C.F.**, Kayima J.K., Amayo A. A. and Mcligeyo S. O. Diabetic Ketoacidosis: Clinical Presentation and Precipitating Factors at Kenyatta National Hospital, Nairobi. *East Afr. Med J*, 2005: 82 (12):S191- S196.
42. **Otieno C.F.**, V. Vaghela, F. W. Mwendawa, J.K. Kayima and E.N. Ogola. Cardiovascular Risk Factors in Patients with Type 2 Diabetes Mellitus in Kenya: Levels of Control attained at the Outpatient Diabetic Clinic of Kenyatta National Hospital, Nairobi. *East Afr. Med J*, 2005: 82 (12):S184- S190.
43. **Otieno C. F.**, V. Vaghela, E. N. Ogola and E.O. Amayo. Patterns of Homocysteine in Kenyans with Type 2 Diabetes Mellitus without Overt Cardiovascular Disease at Kenyatta National Hospital. Nairobi. *East Afr. Med J*, 2005: 82 (12):S180- S183.
44. **Otieno C.F.**, Mwendwa, F. W, Vaghela, V., Ogola E. N. and E. O. Amayo. Lipid Profile of Ambulatory Patients with Type 2 Diabetes Mellitus at Kenyatta National Hospital. Nairobi. *East Afr. Med J*, 2005: 82 (12): 173- S179.
45. Mwendwa F. M., **Otieno C.F.**, Kayima J. K. Amayo E. O. and P. O. Otieno. Risk Factor Profile and the Occurrence of Microvascular Complications in Short Term Type 2 Diabetes Mellitus at Kenyatta National Hospital, Nairobi. *East Afr. Med J*, 2005: 82 (12): S163-S172.
46. **Otieno C.F.** Diabetes Care in Kenya – Where are We and Which Way Forward? *East Afr Med J (Editorial)*, 2005: 82: (12): S161-s162

47. E. M. Murunga M. Reriani, **C.F. Otieno**, N.M., Wanyoike. Comparison of Antibiotic use between an 'Open' and 'Closed' Intensive Care Unit. *East Afr Med J*, 2005: 82: (8) 414-417
48. Mwanda O.W., **Otieno C.F.**, Omonge E.O. Acute Aflatoxicosis: Case Report and Literature Review. *East Afr Med J*, 2005: 82: (6) 320-324
49. O. W. Mwanda, **Otieno C. F.**, Abdalla F.K. Transfusion Haemosiderosis in spite of Regular Use of Desferrioxamine: Case Report. *East Afr Med J*, 2004: 81: 326-328
50. **Otieno C.F.**, Kariuki M. Ng'ang'a L. Quality of Glycaemic Control in Ambulatory Diabetics at Kenyatta National Hospital. *East Afr Med J*, 2003: 80 (6):
51. Amayo E.O., Kwasa T.O., **Otieno C.F.** Herpes Zoster Myelitis: Report of Two Cases. *East Afr Med J*, 2002, 2002: 79: 279-280
52. Wanjohi F.M., **Otieno C.F.**, Ogola E.N., Amayo E.O. Nephropathy in Black Africans with Short-Term Types 2 Diabetes Mellitus in Nairobi, Kenya. *East Afr Med J*, 2002: 79: 399-404
53. **Otieno C.F.**, Kariuki M., Nyamu P.N., Age of Onset of Type 2 Diabetes Mellitus in Black Africans in Kenya. *Diabetes International*, 2003; 12 (3): 74-75
54. **Otieno C.F.**, Ng'ang'a L.N., Kariki M. Validity of Morning Random Blood Glucose as a Predictor of Quality of Glycaemic Control in Ambulatory Outpatient Diabetics at Kenyatta National Hospital. *East Afr Med J*, 2002: 79: 491-495
55. Nyamu P.N., **Otieno C.F.**, Amayo E.O., McLigeyo S.O. Patterns of Diabetic Foot Ulcers at Kenyatta National Hospital. *East Afr Med J*, 2003: 80: 491-495
56. Wafula J.M. Lule G.N, **Otieno C.F.**, Nyongo A.O., Sayed S.M. Upper Gastrointestinal Endoscopic Findings in Diabetic Patients at Kenyatta National Hospital. *East Afr Med J*, 2003: 79: 232-236
57. **Otieno C.F.**, Marx M.O., Okonji, Isaac S.O. Odongo. Alcoholism and Diabetes Mellitus; Costly Fatal Combination. *East Afr Med J*, 2002: 79: 103-105
58. Nyamu P.N., **Otieno C.F.**, Amayo E.O., McLigeyo S.O., Aerobic Infections in Diabetic Foot Ulcers at Kenyatta National Hospital. *MEDICOM Africa Journal of Hospital Medicine 2001; vol 16, No. 7.p 22*
59. **Otieno C.F.** Adenocortical Functions in Patient with Sickle Cell Anaemia in Painful Crisis at Kenyatta National Hospital. *M.Med dissertation, 1993; Department of Medicine, University of Nairobi.*
60. Kitsivo M.N., **Otieno C.F.** The Effect of Age, Sex and Education on Reception and Retention of Health Information: Lessons from a Rural Area of Kenya. *Cahiers de sociologies et de Demographie Medicales 1991; 31 (1): 45-46*

XI PAPERS / ABSTRACTS PRESENTED

1. Omare B.G., **Otieno C.F.**, Achieng L. Assessment of the Level of Knowledge, Self-Care Practices and Glycaemic Control among Patients with Type 2 Diabetes Attending Diabetes Clinic at Kenyatta National Hospital. The 2nd African Diabetes Congress, Feb 2014, Yaoundé, Cameroon. *Diab Res Clin Pract 2014, Abstract OP79, S30*
2. Genga E., **Otieno CF**, Ogola E. N., Maritim M. C. Assessment of the Perceived Health-Related Quality of Life of Patients with NIDDM attending Diabetes Clinic at the Kenyatta National Hospital. 2nd African Diabetes Congress, Feb 2014, Yaoundé , Cameroon. *Diab Res Clin Pract 2014, Abstract P13, S36.*
3. Massoud S., Joshi MD, **Otieno C.F.**, Acharya K. Quality of Glycaemic Control among Insulin-Treated Ambulatory Patients with Diabetes at the Kenyatta National Hospital. The 2nd African Diabetes Congress, Feb 2014, Yaoundé, Cameroon. *Diab Res Clin Pract 2014, Abstract P24, S39.*

4. **Otieno C F.** Organization of Diabetes Care in Resource-Constrained Setting. The 2nd African Diabetes Congress, Feb 2014, Yaoundé, Cameroon. *Diab Res Clin Pract* 2014
5. **AA McLigeyo, Lule GN, Otieno CF, Kayima JK, Omonge EO. (2010).** HIV associated lipodystrophy: The prevalence, associated factors & metabolic alterations in patients on Long-term CART at KNH. XVIII IAS Cont. Vienna 18-23 July, 2010. Abst. No-CDB0186.
6. **Otieno C F.** Heterogeneity of Clinically Classified Type 2 Diabetes Mellitus in Ambulatory Patients at the Diabetic Clinic of Kenyatta National Hospital, Kenya: Implications to Epidemiological Studies. EASD 2007, Amsterdam. *Diabetologia* 2007; Suppl
7. **Otieno C F.** Diabetes Ketoacidosis in Sub-Saharan Africa. *Diabetic Medicine* 2006; 23(Suppl 4): Pp 245, Abstract 675.
8. Salif Sow P, Schillevoort I, Kityo C, Bissagnene E, **Otieno C. F.**, Walbeerg E, Lange J M, on behalf of CARE project team Implementing Anti-Retroviral Treatment in Resource-Limited Settings: Clinical Results from Four African Countries. Bangkok, July 2004. World HIV/AIDS Congress, 2004.
9. **Otieno CF,** Nyamu PM. Patterns and Risks Factors of Diabetic Foot Ulcers in Kenya. Bombay, India, November/December, 2003.
10. **Otieno C F.** Glycaemic Control in Diabetic Patients attending Diabetes Out-Patient Clinic at the Kenyatta National Hospital. PADSG Congress, 2001, Casablanca, Morocco.
11. **Otieno C F,** Nyamu PM, Atieno-Jalang'o G. Causes of Delay in Management of Diabetic Foot Ulcers at Kenyatta National Hospital. PADSG congress, May 2001, Casablanca, Morocco.
12. **Otieno C F.** Sexuality in HIV Positive Patients – 10 Cases and Review of Literature. Presented at Medic Africa 1998, in Kampala, Uganda, February 1998.
13. **Otieno C F,** Mwanda O W. Leucocyte Counts in Sickle Cell Anaemia. Presented at Medic Africa 1994, Nairobi, Kenya, February 1994
14. Okello G.B.A, Shah S.B, **Otieno C.F.** Patterns of Acute Poisoning in Kenyatta National Hospital. Presented by Okello G.B.A to APECA in 1985, Eldoret.

XII NON-PEER REVIEWED PROFESSIONAL/SCIENTIFIC PRESENTATIONS

1. Current trends in Metabolic control of Type 2 Diabetes, 17-18 March 2017, Pride Inn hotel, Mombasa 2.
2. Infections in the critically ill. Presenter and Chair of the sessions. Kempinski Hotel, February 2017, Nairobi
3. Metabolic dysfunction of thyroid disorders in diabetes. Merck African Luminaries Summit. October 2016, Abidjan, Cote D'Voire.
4. How to improve access to Diabetes Care in Africa. Merck African Luminaries Summit. October 2016, Abidjan, Cote D'Voire.
5. Role of Sitagliptin in Management of type 2 Diabetes, 21 September 2016, Acacia
6. Type 2 diabetes in Kenya. Sanofi Regional Diabetes Summit – August 2016 Nairobi Hotel, Kisumu
7. Role of newer agents and their cardiovascular safety in the care of type 2 diabetes. April 2016, BOMA Hotel, Eldoret.
8. The phenotypes of type 2 diabetes in Kenya. EADSG Congress, March 2016, Dar-es-salaam,

Tanzania.

9. Capacity building training session for Sanofi staff – January 2016 –Naivasha
10. Utility of ARB/CCB combinations in hypertension management – May 2015, Nairobi.
11. GLP Agonists in Type 2 Diabetes Management, 18-21 March 2015, Travelers' Hotel, Mombasa
12. Pro-diabetes training program for Primary care clinicians – Chief Trainer, April 2013 to January 2014 – Nairobi, Eldoret, Kisumu and Mombasa

XIII SUPERVISION OF POST-GRADUATE RESEARCH

1. Prevalence of Vitamin D Deficiency in Adult Human Immunodeficiency Virus Positive Patients at Mbagathi District Hospital. **Dr Alice Wambui Ng'ang'a**. MMed Dissertation, 2016
2. Prevalence and Severity of Comorbid Depression in Ambulatory Type 2 Diabetes Patients at KNH. **Dr. Joseph Kanu**, M Med Dissertation, 2015
3. The Prevalence of Cardiovascular Risk Factors and their Adequacy of Control in Type 2 Diabetes Patients attending the Diabetes Outpatient Clinic at Nyeri Level 5 Hospital. **Dr. Mercy Kimando**, M Med Dissertation, 2015
4. Psychological Insulin Resistance among Type 2 Diabetes Patients at Kenyatta National Hospital. **Dr. Asif.H.Gulam**. M Med Dissertation, 2014.
5. The Burden of Chronic Kidney Disease in Patients with Type 2 Diabetes in Diabetes Out-patient Clinic at Kenyatta National Hospital. **Dr. Stephen Nyamai**. M Med Dissertation, 2014
6. Prevalence of Thyroid Dysfunction in Ambulant Patients with Type 2 Diabetes attending Diabetes Clinics at Kenyatta National Hospital. **Dr. Rosslyn Ngugi**. H58/63770/2010. M Med Dissertation, 2014.
7. Toxoplasma Gondii Infection in Donated Blood at the National Blood Transfusion Service in Kenya. **Dr. Wambua D. Ndele**. H58/60081/2011. M Med Dissertation 2014.
8. Treatment Outcomes of Second Line Antiretroviral Therapy in Mbagathi District Hospital Comprehensive Care Unit. **Dr. Kiio Stephen Ndolo**. H58/63681/2010. M Med Dissertation, 2013.
9. Assessment of the Level of Knowledge, Self-Care Practice and Glycemic Control among Patients with Type 2 Diabetes attending the Diabetes Clinic at KNH. **Dr. Omari Beatrice**. H58/64143/2010. M Med Dissertation, 2013.
10. Hypomagnesemia in Critically ill Patients Admitted to the Critical Care Units at the KNH: A Prospective Observational Cohort Study. **Dr. Jacqueline W. Kagima**. M Med Dissertation, 2013.
11. Assessment of the Perceived Quality of Life of Non-Insulin Dependent Diabetic Patients attending the Diabetes Clinic in KNH. **Dr. Eugene K. Genga**. M Med Dissertation, 2013.
12. Modification of Antiretroviral Therapy in HIV-Infected Patients at KNH Comprehensive Care Clinic between Years 2005 - 2011, **Dr. Andrew O. Owuor**. M Med Dissertation. 2012.
13. Effect of Aspirin on Platelet Aggregation among Patients with Ischemic Stroke and Healthy Volunteers at the KNH. **Dr. Robert Simiyu Wekesa**. M Med Dissertation, 2012.
14. Quality of Glycemic Control among Insulin Treated Ambulatory Patients with Diabetes Mellitus at KNH. **Dr. Salim Rashid Masoud**. M Med Dissertation, 2012.
15. Vitamin B12 Deficiency in Type Two Diabetic Patients Using Metformin at KNH. **Dr. Ellen Wanjiku Njagi**. M Med Dissertation, 2012.

16. Prevalence of Diabetes Mellitus and other Cardiovascular Risk Factors in Kibera Slum 2011. **Dr. Wanjiru Rosemary**. M Med Dissertation, 2011.
17. Occurrence of Gonadal Dysfunction amongst many Patients Surviving Cancer Therapy at KNH. **Dr. Owuor Fredrick Otieno**. M Med Dissertation, 2009.
18. Prevalence of Acute Coronary Syndromes in Patients with Type 2 Diabetes Mellitus Presenting with Ischaemic ECGs at Kenyatta National Hospital. **Dr. H. K. Nguchu**. M Med Dissertation, 2008.
19. Occurrence of Occupational Noise-induced Hearing Loss among Workers at the Jomo Kenyatta International Airport, Nairobi, Kenya. **Dr. J. A. Anino**. MPH Thesis, 2008. Kenyatta University.
20. Glycaemic Control during Surgery in Diabetic Patients at Kenyatta National Hospital. **Dr. J Gwaro**, M. Med Dissertation, 2008. Department of Anesthesia.
21. The Prevalence of Erectile Dysfunction and the Associated Risk Factors in Type 2 Diabetic Men at Kenyatta National Hospital. **Dr. Ngalyuka P.K.** M. Med Dissertation, 2008.
22. HIV Associated Lipodystrophy: The Prevalence, Associated Factors and Metabolic Alterations in Patients on Long Term Anti-Retroviral Therapy at the Comprehensive Care Centre Kenyatta National Hospital. **Dr. Angela Awino**. M. Med Dissertation, 2008.
23. Prevalence of Carotid Artery Disease and Major Atherosclerotic Risk Factors in Ischaemic Stroke Patients as Seen at Kenyatta National Hospital. **Dr. Mwazo**. M.Med Dissertation, 2007.
24. Evaluation of Risk Factors for Diabetic Foot Ulcers in Diabetic Patients without Active Ulcers at Kenyatta National Hospital. **Dr. Mugambi E**. M. Med Dissertation, 2007.
25. Evaluation of the Prevalence of Nevirapine Persistence in HIV Positive ARV Naïve Patients and in HIV Patients on Nevirapine Based Regime at Comprehensive Care Centre Kenyatta National Hospital- **Dr. Hassanali S.H.** M. Med Dissertation, 2007.
26. Prevalence of Risk Factors for Cardiovascular Disease among School Children in Nairobi. **Dr. Rumesa Akmal**. M. Med Dissertation, 2006. Department of Paediatrics and Child Health.
27. Cardiovascular Autonomic Neuropathy, Prevalence and Associated Risk Factors in Patients with Type 2 Diabetes Mellitus as seen at Kenyatta National Hospital. **Dr. Achola J.C.** M. Med Dissertation.
28. Quality of Life of HIV/AIDS Patients on Antiretroviral Therapy in Hospitals within Nairobi. **Dr. Mutua G**. MPH Dissertation, 2003. Department of Community Health.
29. Cardiovascular Risk Factors amongst Health Workers of Kenyatta National Hospital. **Dr. Swaleh M**. M. Med Dissertation, 2004.
30. Rheumatoid Arthritis at Kenyatta National Hospital: A Clinical and Quality of Life Evaluation. **Dr. B.O. Owino**. M. Med Dissertation, 2004
31. Glutamic Acid Decarboxylase Antibody Status and C - Peptide Levels in Ambulatory Diabetic Patients at Kenyatta National Hospital. **Dr. Huho G**. M. Med Dissertation, 2006.
32. Prevalence of Risk Factors Associated with Progression of Nephropathy in Diabetic Patients with Chronic Renal Insufficiency as seen at Kenyatta National Hospital. **Dr. L. W. Mbogo**. M Med Dissertation, 2005.
33. Thyroid Function in Patients with Congestive Heart Failure at Kenyatta National Hospital. **Dr. J. O. Mecha**. M Med Dissertation, 2003.
34. Clinical and Biochemical Features of Patients with Diabetic Ketoacidosis at Kenyatta National Hospital. **Dr. P. Mbugua**. M Med Dissertation, 2003.
35. Prevalence of Protein Energy Malnutrition amongst Patients on Maintenance Haemodialysis at Kenyatta National Hospital. **Dr. J. Oduor**. M Med Dissertation, 2002. Department of Medicine.

36. Evaluation of Home-Based and Hospital-Based Care of People Living With AIDS in Nairobi. **Dr. L. W. Ndahi**. MPH Thesis, 2001. Department of Community Health
37. Upper Gastrointestinal Endoscopy and H. Pylori Status of Dyspeptic Patients with Type 2 Diabetes Mellitus at Kenyatta National Hospital. **Dr. Wafula**. M Med Dissertation, 2001. Department of Medicine.
38. Cardiovascular Risk Factors in Patients with Type 2 Diabetes Mellitus at Kenyatta National Hospital. **Dr. Vaghela V**. M Med Dissertation, 2001. Department of Medicine.
39. Nephropathy, Neuropathy, Retinopathy and Risk Factor Profile in Recently Diagnosed Type 2 Diabetes Mellitus at Kenyatta National Hospital. **Dr. Wanjohi F. W**. M Med Dissertation, 2001. Department of Medicine.
40. Autonomic Function in Diabetic Patient at Kenyatta National Hospital. **T.M Chokwe**. M. Med Dissertation 1999. Department of Surgery, Anesthesia Section.
41. Diabetic Foot Ulcers at Kenyatta National Hospital. **Dr. P.M. Nyamu**. M Med dissertation, 1999. Department of Medicine.
42. Clinical Correlates of Renal Dysfunctions in Post Renal Transplant Patients at Kenyatta National Hospital. **Dr. Muyoti P**. M. Med dissertation, 1998.

XIV CURRENT RESEARCH PROPOSALS / ACTIVITIES

1. Chronic kidney disease in patients with Type 2 diabetes mellitus: a study of clinic-laboratory characteristics, molecular patterns and the relationships with cardiovascular risk profile at Kenyatta National Hospital.
2. Clinical and laboratory features of HIV/AIDS positive patients on second line treatment with anti-retroviral drugs in the setting of routine care. **Completed**

XV INTERNATIONAL AND NATIONAL ASSIGNMENTS

1. **Member of the team** involved in writing Clinical Practice Guidelines, Education in Diabetes and African Declaration on Diabetes for IDF- Africa Region, 2004-2006.
2. **Member of faculty** of Advanced Clinical Post-Graduates Course in Management of Diabetes and its Complications. Nairobi, Kenya and Yaoundé, Cameroon April 2005, a joint initiative of IDF- Africa Region/ ADA/ EASD.
3. **External examiner** in Clinical Medicine for MBChB Level 3, Moi University Medical School, Nov. 2006 and Nov. 2007.
4. **WHO expert**, amongst three others, to draft Chronic and Acute Diabetes Care manuals for the developing countries, First Meeting in Oct 2007, Geneva, Switzerland.
5. One of a **three-member Africa Board** writing a training manual for Primary Care of Diabetes mellitus in Sub-Saharan Africa, A Sanofi-Aventis Pharma initiative.
6. Member of **experts group** reviewing the Clinical Practice and Education Guidelines in Diabetes Care for Kenyan Healthcare System.

XVI REFEREES

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