

CURRICULUM VITÆ

PERSONAL INFORMATION

NAME: **KITONYI, JOSEPH MWANIKI KENNEDY**

NATIONALITY: **KENYAN**

MEDICAL QUALIFICATIONS

- **July 1971-August 1976:** **MChB – University of Nairobi**
- **October 1977- July 1980:** **M.Med. (Diagnostic Radiology) – University of Nairobi.**
- **October 1981-Nov 1982:** **M.Sc. (Nuclear Medicine) –University of London .**
- **May – August 1987:** **Postgraduate Certificate in Health Care Evaluation and Management Skills,(CHEMS) University of Toronto, Canada**

WORK EXPERIENCE

- **August 1976 – August 1977:** **Medical Officer (Intern) Kenyatta National Hospital.**
- **August 1977- October 1977:** **Senior House Officer (General Medicine) Kenyatta National Hospital.**
- **October 1977-July 1980:** **Senior House Officer (Department of Diagnostic Radiology) Kenyatta National Hospital.**

- **January 1980-April 1980:** **Clinical Attachment – Department of Diagnostic Radiology University of Utrecht, Netherlands.**
- **December 1980 – April 1984:** **Lecturer –Department of Diagnostic Radiology, University of Nairobi.**
- **October 1981 –Nov. 1982:** **Resident – Department of Nuclear Medicine, St. Bartholomew’s Hospital, University of London, including part-time attachment to Department of Diagnostic Radiology, St. Bartholomew’s Hospital, London.**
- **May 1983 – August 1983:** **Acting Chairman – Department of Diagnostic Radiology, University of Nairobi.**
- **Nov. 1983 - January 1984:** **Acting Chief Government Radiologist Ministry of Health, Kenya Government.**
- **Nov. 1983 – December 1983:** **Acting Chairman –Department of Diagnostic Radiology, University of Nairobi**
- **May 1984-December 1985:** **Lecturer and Chairman – Department of Diagnostic Radiology, University of Nairobi.**
- **December 1985 –May 1990:** **Senior Lecturer and Chairman – Department of Diagnostic Radiology, University of Nairobi.**

Accomplished:

- a) **Rewriting and redesigning of the syllabus for Master of Medicine in Diagnostic Radiology (University of Nairobi).**
 - b) **New Departmental Premises realized by renovation of part of old hospital; funds solicited from W.H.O Headquarters in Geneva via the regional office for Africa in Brazzaville. Managed the project with the assistance of the Dean, Faculty of Medicine.**
 - c) **Establishment of “Regional Training Centre in Diagnostic Radiology for Anglophone Africa” A WHO assisted project integrated with the Master of Medicine course of the University of Nairobi. A culmination of lengthy consultations with:**
 - (i) **WHO Headquarters Geneva**
 - (ii) **WHO Regional office for Africa, Brazzaville**
 - (iii) **Ministry of Health –Kenya**
 - (iv) **The Kenya Association of Radiologists**
 - (v) **The International society of Radiology**
 - (vi) **The Radiological Society of North America.**
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- **May 1990-June 1994: Senior Lecturer – Department of Diagnostic Radiology, Univeof Nairobi and Consultant to Radiology Rehabilitation and Replacement Project, Ministry of Health, Kenya.**
 - **July 1994 – March 2001: Associate Professor – Department of Diagnostic Radiology, University of Nairobi.**
 - **April 2001—May 2002 : Associate Professor and Chairman, Department of Diagnostic Radiology, University of Nairobi**
 - **May 2002 – May 2007: Principal- College of Health Sciences, University of Nairobi.**
 - **May 2007 – to-date: Associate Professor, Department of Diagnostic Imaging and Radiation Medicine, University of Nairobi.**

DISSERTATIONS SUPERVISED

- 1. Deep Vein Thrombosis at Kenyatta National Hospital.
Dr. P. M. Machi, M.Med. 1984.**
- 2. The Clinical and Radiological Features of Intracranial Meningiomas
Dr. Imalingat, M.Med. 1985.**
- 3. The role of Diagnostic Radiology in the Management of Portal Hypertension in Kenyatta National Hospital.
Dr. Arnold Rodrigues, M.Med. 1986.**
- 4. The specific Role of Excretion Urography Examination in Patient Management at Kenyatta National Hospital.
Dr. R.R.B. Kazema, M.Med. 1989.**
- 5. The Pattern of findings in double contrast knee arthrography and comparison with results at arthrotomy in Nairobi.
Dr. R.K. Mohindra, M.Med. 1991.**
- 6. Computerized tomography in acute head injury. The Nairobi Enterprise
Dr. J.A. Desousa, M.Med. 1992.**
- 7. Diagnostic Value of Ultrasound in Renal Diseases in Adult Patients at KNH
Dr. J. Thinwa, M.Med. 1995.**
- 8. A correlative study of the various gestational age parameters in our local population on ultrasound.
Dr. W. Butt, M.Med. 1999.**
- 9. Radiological findings in limb trauma: A three-months prospective study at Kenyatta National Hospital.
Dr. S. Kampondeni, M.Med.1997.**

- 10. The value of paediatric upper gastro-intestinal contrast studies
Dr. G.N. Mwangi, M.Med. 1999**
- 11. The pattern of disease in P.N.S as seen on CT scan.
Dr. B.N. Mugi, M.Med. 2000**
- 12. Acute injuries to the spine: Pattern of findings as seen in Plain
in Plain Radiography.
Dr. Sammy Masyuki, M.Med. 2011**
- 13. Correlation between Ultrasonography and Histopathology in breast
abnormalities at Kenyatta National Hospital.
Dr. J. N. Kagia, M.Med. 2011**
- 14. The validity of BIRADS –System Mammography in detecting Breast
Cancer in Kenyatta National Hospital.
Dr. Leena S. Singh M.Med 2013**

ON- GOING DISSERTATION SUPERVISION

RESEARCH EXPERIENCE

- 1. June 1979 – May 1980:
Carried out research work on “Reactions and cardiovascular changes
at Excretion Urography” in the Department of Radiology, Kenyatta
National Hospital, Nairobi as part fulfillment for the M.Med degree in
Diagnostic Radiology.**
- 2. December 1981 – August 1982:
Completed research work on “Radionuclide Determination of Hepatic
Blood Flow using
 ^{99m}Tc Tin Colloid; a Thesis submitted for the M.Sc. degree course
(Nuclear Medicine) of the University of London.**

3. May 1987 – August 1987:

Attended a three-month course on “Health Care Evaluation and Management Skills” (an introduction to Clinical Epidemiology) , University of Toronto, Canada.

4. August 1989 – April 1990:

Completed a survey of the state of radiological equipment in Government Health Institutions in Coast, Eastern and Central Provinces of Kenya

**Assessed functional state and economic viability of the equipment
Recommendations implement by Ministry of Health in 1992/93/94**

5. April 1990-March 1991:

Visits to Netherlands and Germany to identify and assess the suitability of radiological equipment to National, Provincial, District and Health centre institutions in Kenya.

Recommendations implemented by Ministry of Health , implementation in 1992/93/94.

6. 1996 -2002:

Completed data collection on the “Rural Radiology concept” a Diagnostic Radiology Training Evaluation Project involving Department of Diagnostic Radiology, University of Nairobi and Kathiani Sub-district Hospital, Machakos District and PCEA Hospital, Kikuyu, Kiambu District.

PAPERS PUBLISHED

1. Kitonyi J.M.K:

**Reactions and cardiovascular changes at excretion urography
E.A.M.J 1981, 58,942**

2. Kitonyi J.M.K:

**The determination of hepatic blood and its clinical significance
African Journal of Hospital Medicine
1958,7,169**

- 3. Kitonyi J.M.K:**
The sex incidence of renal calculosis in Kenyatta National Hospital, Nairobi
E.A.M.J 1986, 63,281
- 4. Kariuki J.K. and Kitonyi J.M.K**
An usual intrarenal A-V fistula
E.A.M.J 1985,63, 282
- 5. Kitonyi J.M.K**
Diagnostic Radiology: Yesterday, today and tomorrow
(Editorial) African Journal of Hospital Medicine (MEDICOM)
1990,10 5-6
- 6. Onyango F.E., Steinhoff M.C., Wafula E.M., Wariua S., Musia J and Kitonyi J.M.K.:**
Hypoxia in young Kenyan children with acute lower respiratory infection
B.M.J. 1993, 306,612
- 7. Kitonyi J.M.K**
The Basic Radiological System (BRS) experience in Kenya
E.A.M.J Vol. 70, Dec. 1993
- 8. Kitonyi J.M.K:**
The radiological behaviour of the thymus in chest infection in the underfives
A study in Kenyatta National Hospital, Nairobi
E.A.M.J. Vol. 2 No.2 Feb. 1995
- 9. Kitonyi J.M.K.**
Cost effectiveness in routine radiological investigations.
Editorial, E.A.M.J. Vol. 72 Feb 1995
- 10.Kitonyi G.W. and Kitonyi J. M.K.**
Radiation synovectomy ; treatment option for haemophilia patients with chronic Haemarthrosis
East African Medical Journal December 2009 (Suppl.) Vol.86 No.12

PAPERS SUBMITTED

- 1. Kitonyi, a.nd Aywak A.A.**
The Radiological Safari : Since Roentgen saw the light.
East African Medical Journal
- 2. Onyambu C.K., Amayo E.O., Kitonyi J.M.**
Clinical features and patterns of imaging in cerebral venous thrombosis at Kenyatta National Hospital.
- 3. Utilization Of Chest Radiographs in the Intensive Care Unit at Kenyatta National Hospital.**
Nyaga P. G. ,Onyambu C. K. , Kitonyi J. M. , Wambugu M. N.

PAPERS READ

- 1. “Reactions and Cardiovascular changes at Excretion Urography”**
Kenya Association of Radiologists, Annual Scientific Conference,
Mombasa May 1981
- 2. “Radionuclide determination of hepatic blood flow and its clinical significant”**
Kenya Association of Radiologists, Annual Scientific Conference,
Mombasa May 1983
- 3. BRS as a corporate component of Radiography Training:**
WHO-BRS Study Group, Harare, Zimbabwe, May 1986
- 4. Application of the Basic Radiological System (BRS) in Kenya**
Technical Aspects, Ministry of Health sponsored seminar on
Curriculum Review on the training of Radiographers
Five Hills Lodge, Machakos, 10th -14th April, 1989
- 5. “The Basics of Research Design”:**
Kenya Association of Radiologists, Annual Scientific Conference,
Mombasa,
30th April -2nd May, 1989
- 6. “The BRS (Basic Radiological System) application in Kenya”**

**Association of Medical Societies of Kenya Conference, Nairobi
24th -30th November, 1990**

- 7. Radiological manifestations of pulmonary disease in HIV
K.A.R. Annual Scientific Conference,
3rd -5th June, 1994, Nyeri**
- 8. Integration of the teaching of professional ethics in the medical
curriculum: 3rd International Conference on Medical Registration.20th -
23rd September, 1989, Cape Town, South Africa.**
- 9. Evolution of Diagnostic Imaging with a Kenyan perspective.
Kenyatta National Hospital Open Day
1st -2nd March 2012**

WORKSHOPS AND CONFERENCES ATTENDED

- 1. IAEA Nuclear Medicine Training Course,
Klinikum Buch, Akademisches Lehrkrankenhaus Berlin, Germany
28/9/95 - 24/10/95**
- 2. IAEA Course in Nuclear Medicine,
University of Cairo, Egypt
7/5/01-2/6/01**
- 3. East, Central and Southern Africa Centre of Excellence in Diagnostic
Imaging
Symposium: WHO/UON Sponsored
Nairobi
11/3/02 - 15/3/02**
- 4. UNESCO Course on Institutional Management in Higher Education
Kampala, Uganda
19/8/02-23/8/02**
- 5. UNESCO Science, Law and Ethics International Conference**

Eilat, Israel.

- 6. Kenya Association of Radiologists Annual Scientific Conference
Nairobi
21/8/04 - 22/8/04**
- 7. UNESCO Science, Law and Ethics International Conference
University of Haifa, Israel
29/5/05 - 3/6/05**
- 8. Workshop on the Role of a Teaching and Referral Hospital in Kenya
Safari Park Hotel, Nairobi 4/8/05 - 5/8/05**
- 9. Kenya Association of Radiologists Annual Scientific Conference
Nairobi
4/11/05 - 6/11/05**
- 10.UON Senior Management Development Workshop
KCCT Mbagathi, Nairobi
1/2/06 - 4/2/06**
- 11.UON Workshop on the Training of Chief Internal Examiners
KCCT Mbagathi
13/7/06 - 14/7/06**
- 12.Kenya Association of Radiologists, Annual Scientific Conference,
Amboseli
8/10/06 - 10/10/06**
- 13.UON/ MOH-KG National PMTCT Grand Round
Kenyatta National Hospital
30/11/06**
- 14.KNH Sponsored Corporate Governance Seminar
Kenya Institute of Administration
26/3/07 – 28/3/07**
- 15.Kenya Association of Radiologists Annual Scientific Conference,
Outspan, Nyeri 10-11 October, 2008**

**16. Kenya Association of Radiologists Annual Scientific Conference,
Whitesands, Mombasa. 9th-11th October 2010**

**17. CT and MRI for daily use, ONE DAY SEMINAR,
Organized by The Kenya Association of Radiologists.
Crown Plaza Hotel, Nairobi, 26th March, 2011**

**18. UON College of Health Sciences International Scientific Conference,
15th- 17th June 2011**

**19. PACE Programme HIV Symposium
“The role of Training and Research in Health Care Delivery:
Lessons learned from the HIV epidemic”
June 14th - 15th 2012**

20. UON College of Health Sciences International Scientific Conference.

19th – 21st June 2013.

**21. 8TH Biennial Pan African Congress of Radiology and Imaging,
Laico Grand Regency Hotel, Nairobi , Kenya.**

17th – 20th February 2015.

RESEARCH IN PROGRESS

- 1. The Rural Radiology Concept
A four –year study now at write up stage**
- 2. Kitonyi J.M.K
Normal skeletal development in the Kenyan African**
- 3. A Numerical Concept for cranio-facial ratio**
- 4. Kitonyi J.M.K.
The functional state of Radiological Equipment in Government Health
Institutions in Kenya**

- 5. Major factors related to the problems of the maintenance of radiological equipment in Government Health Institutions in Kenya.**
- 6. The specificity and sensitivity of upper GIT radiological contrast examinations in Kenyatta National Hospital**
- 7. The paradigm shift in the practice of Neuro-radiology/Neuro-surgery**
- 8. The National Tuberculosis Prevalence Survey in Kenya.
A Collaborative project with Ministry of Public Health and Sanitation Team.**
- 9. Incidence of cerebral infarction in Sickle Cell Disease in Kenya. The role of Transcranial Doppler. School of Medicine Research Team.**

MEMBERSHIP TO PROFESSIONAL SOCIETIES AND BODIES

- **Member , Kenya Medical Association**
- **Member, Kenya Association of Radiologists**
- **Chaiman, RevKM High School Board of Management.**

May 2015