

CURRICULUM VITAE

PERSONAL DETAILS

NAME THOMAS MUIंगा CHOKWE
ADDRESS P O BOX 2266 – KNH – NAIROBI
00202 **KENYA**
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ACADEMIC BACKGROUND

2010'1 Perceptorship in Living Donor Renal Transplantation
Clinic Hospital de Barcelona
Barcelona, Spain

2007 The Thai Red Cross King Chulalongkorn Memorial Hospital,
Chulalongkorn University Bangkok Thailand
Visiting Fellow in Solid Organ Transplantation Anaesthesia

2007 Wolfson Medical Centre, University of Tel Aviv, Israel
World federation of Societies of Anaesthesia (WFSA)
Visiting fellow in Paediatric Cardiac Anaesthesia

2003 L.V. Prasad Eye Institute, Hyderabad India
International Society for the Prevention of Blindness (IAPB)
Anaesthesia Fellowship in Paediatric Ophthalmic Surgery

2002 Eastern Virginia Medical School, Norfolk Virginia USA.
15th Annual physicians Training program for Operation Smile

1997 –2000 University of Nairobi, Kenya
Master of Medicine in Anaesthesiology (2000)
BOC/ UON Award for 1998 & 2000 Performance

1987 – 1993 University of Nairobi, Kenya
Bachelor of Science (Intercalated) in Anatomy (1990)
Bachelor of Medicine and Bachelor of Surgery (1993)

- 1987** London General Certificate of Education
Advanced Level Certificate (GCE) (1987)
- Pre-University training programme of The National Youth Service (NYS), Gilgil Kenya
- 1981 – 1986** Allidina Visram High School
Kenya Certificate of Education (KCE) (1984)
Kenya Advanced Certificate of Education (KACE) (1986)
- 1979 – 1980** Shimo La Tewa Primary School
Certificate of Primary Education (1980)
- 1974 – 1978** Kilifi Full Primary School

WORKING AND PROFESSIONAL EXPERIENCE

- 2016 -** Chair, Department of Anaesthesia
School of Medicine, University of Nairobi
- 2015 -** Senior Lecturer in Anaesthesiology and Critical Care Medicine
Department of Anaesthesia, University of Nairobi
- 2008- 2012** Thematic Head, Anaesthesia and Critical Care Medicine
Department of Surgery, University of Nairobi
- 2001 - 2015** Department of Surgery, University of Nairobi
Lecturer in Anaesthesiology and Critical Care Medicine.
Practising Physician Anaesthesiologist Kenyatta National Hospital
- 2000 – 2001** Department of Surgery, University of Nairobi
Assistant Lecturer in Anaesthesiology
- 1997 – 2000** University of Nairobi, Kenyatta National Hospital
Postgraduate Programme in Anaesthesiology
Intensive Care Unit Resident at The Mater Hospital and M.P. Shah Hospital, Nairobi Kenya
- 1995 – 1997** Medivac Limited, Mombasa
Medical Officer in Charge
- 1993 – 1995** Coast Provincial General Hospital, Ministry of health
Internship Training and Medical Officer

- 1991 – 1993** Kenya Medical Research Institute –Welcome Trust Research Laboratories
Clinical Assistant, a) Malaria Control project, Kilifi
b)HIV/TB Control Project, Nairobi
- 1988 – 1991** Department of Human Anatomy, University of Nairobi
Research Assistant (1988)
Graduate Assistant (1990)

CONFERENCES AND CONTINUOUS EDUCATIONAL ACTIVITIES

- 2017** Society for Paediatric Anaesthesia- American Academy of Paediatrics, Paediatric Anaesthesiology 2017
Austin Texas, USA
- 2016** Kenya Society of Anaesthesiologists
Inaugural stakeholders forum, Nairobi Kenya
- Medic East Africa
Anaesthesia Conference, Nairobi Kenya.
- 2015** The 5th Scientific Conference of The Pan – African Association of Cleft Lip and Palate. Hawassa, Ethiopia
- Medic East Africa
Healthcare Management Conference, Nairobi
- Association of Anaesthesiologists of Uganda and
The Intensive Care Society of Uganda
Inaugural joint Scientific Meeting, Entebbe Uganda
- 2014** The 14th Asia Australasia Congress of Anaesthesiologists
Auckland New Zealand
- World Transplant Congress; Joint meeting of The Transplantation Society, The American Society of Transplantation and The American Society of Transplant Surgeons
San Francisco, USA
- 2013,14,15**
16 Critical Care Society of Kenya
Annual Scientific meeting

- 2013** University of Nairobi /World Federation of Societies of Anaesthesiologists Educational Course for Anaesthesiologists
- Kenya Theatre Nurses Chapter Annual scientific meeting, as presenter, Machakos, Kenya
- 2012** 15th WFSA World Congress of Anaesthesiologists
Buenos Aires, Argentina
- 2011** CAST 2011 Confederation of Asian Societies on Transplantation
Seoul, Korea
- 2011** 13th annual congress of the European Society of Anaesthesia
Amsterdam, The Netherlands
- 2010'11** Perceptorship in Renal transplantation surgery
Hospital Clinic Barcelona, Spain
- 2010** 13th Asian-Australasian congress of Anaesthesiologists
Fukuoka, Japan
- 2009'10** AMREF All Africa Anaesthesia Congress
- 2009'13** Academy of Clinical Sciences Symposium on Critical Care
Nairobi Kenya
- 2009** University of Nairobi
Pedagogy Training
- University of Nairobi/ INASP
Library Electronic Resources
- Kenya Ear Nose and Throat Society
Annual Scientific Conference, Mombasa Kenya
- 4th all Africa Anaesthesia Congress
Nairobi, Kenya
- 2008'9'10** Facilitator to the Gertrude's Children Hospital Paediatric ICU
symposium, Nairobi Kenya
- 2008** 21st International Congress of the Israel Society of Anaesthesiologists, Tel Aviv , Israel
Surgical Society of Kenya, Annual scientific meeting as presenter,
Nairobi Kenya.

- 2008** Kenya Theatre Nurses Chapter Annual scientific meeting , as presenter, Nairobi Kenya.
- 2007** CHULA Medical Expo, The King Chulalongkorn University, Bangkok, Thailand
- Intensive Course In Renal Transplantation, Thai Transplantation Society, Bangkok, Thailand
- 15th ASEAN congress of Anaesthesiologists
Pattaya, Thailand
- 2001** The Anaesthetic Association Of Malawi,
The Fenton – Eclipse Refresher Course, Blantyre Malawi
- The Annual Congress of the Kenya Cardiac Society, Nairobi Kenya
- The annual Scientific Congress of the East African Society of Anaesthesiologists, Bwagamoyo Tanzania
- 2000’1** Uganda Society of Anaesthesiologists (USA)
Joint USA-WFSA Refresher Courses and Congress Meetings
- 2000** Kenya Association of Physicians
1. Symposium on Cardiology and Pulmonary Medicine
2. Symposium on Emergencies in Medicine
- 1999’2001’3’6** South African society of Anaesthesiologists
Annual Scientific Congresses and Refresher course
- 1998’9’2000’
2001’2’4’5’6’7
2008,2010,11,12
2013,14,15,16** Kenya Society of Anaesthesiologists
Annual Scientific Congresses and Refresher Courses.
Kenya
- 1994** Kenya Obstetrics and Gynecological Society
1. Physicians Training in Minilaparotomy
2. Medical Practitioners Family Planning Workshop

RESEARCH AND POSTGRADUATE DISSERTATION SUPERVISION

2016

- Dr Angela M Gitau assessment of antibiotic resistance patterns in the critical care unit of Kenyatta National Hospital.
- Dr Evans Charana A survey on outreach Anesthesia services in medical camps
- Dr Muriithi Kimathi Comparison of the choice of intravenous fluid infusion and the effect of mannitol on serum electrolytes and lactate in elective neurosurgical procedures

2015

- Dr Abdul-Satter F. Amal Incidence of Ventilator Associated Pneumonia in the Critical Care Unit of the Kenyatta National Hospital
- Dr Khalid Al-Moody Association between preoperative anxiety and hypotension after spinal anaesthesia in women undergoing elective caesarean delivery

2014

- Dr Sheila Nzioka Anaesthesiology practice in the prevention of perioperative transmission of infection at the Kenyatta National Hospital
- Dr Umani Oketch A survey of ICU setups in the Republic of Kenya
- Dr. Isabella Epiu, Challenges of anaesthesia in developing countries; a survey of the quality of anaesthesia care for obstetric patients in East Africa

2013

- Dr Kimani G. Mbugua Acute post-operative pain management at the Kenyatta National Hospital
- Dr Jacqueline W. Kagima Hypomagnesemia in Critically ill Patients admitted to the Critical Care Units at the KNH: A Prospective Observational Cohort study.

2012

- Dr Charles K Lelei Perioperative anaesthetic challenges on live related renal transplant patients at Kenyatta National Hospital
- Dr Alex K Kasuku Maternal satisfaction with spinal anaesthesia for caesarian delivery at Kenyatta National Hospital
- Dr Ntondwe F Buya Comparison between pre-loading and Co-loading in spinal anaesthesia for caesarian section at KNH

2011

- Dr D. M. Chomba Evaluation of sepsis by practitioners at KNH
- Dr J. M. Githinji Unplanned post-operative admissions to the critical care unit at Kenyatta National Hospital

2009 – 2010

- Dr J Gakuo Sedation in mechanically ventilated adults at the critical care unit of Kenyatta National Hospital
- Dr N D Nguru Patients perspectives of regional anaesthesia at the Kenyatta National Hospital following orthopaedic surgery.
- Dr I N Chikophe A comparative study of post anaesthesia care practice between Kenyatta National Hospital and Kenyan provincial hospitals
- Dr J Kerema Blood loss during spinal anaesthesia; a comparison between spinal and general anaesthesia at Kenyatta National Hospital

2008 – 2009

- Dr A Kochi Inter-hospital transport of critically ill and injured patients into the Kenyatta National Hospital
- Dr K W Ng'ang'a Glycaemic control in the critically ill patients at the Critical Care Unit, Kenyatta National Hospital

2007 – 2008

Dr S Maigacho The prevalence of central venous catheter related infections at the intensive care unit Kenyatta National Hospital

Dr B S Owure The incidence and risk factors of post operative nausea and vomiting in ENT surgical patients at Kenyatta National Hospital

2006 – 2007

Dr M Kimani The application of the POSSUM score at Kenyatta National Hospital

Dr P Gikore An analysis of referral patterns and patient outcomes at the Kenyatta National Hospital intensive care and high dependency units

2005 – 2006

Dr J Gwaro Glycaemic control in Diabetics undergoing surgery

Dr J Kabugi Premedication practice for patients in general surgery at the Kenyatta National Hospital

Dr M Nyalita A review of Paediatric admissions and outcomes at The KNH ICU

Dr T Maingi The role of tracheostomy in weaning from mechanical ventilation

Dr W Wakaba Practice of cuff insufflation of endotracheal tubes at Kenyatta National Hospital

2004 – 2006

Dr K O Mommanyi; A prospective randomized study comparing intra-operative and post-operative analgesic efficacy of clonidine with bupivacaine for caudal block in paediatric surgical procedures at Kenyatta National Hospital

Dr R V Shitsinzi A prospective double blind comparative study of Metoclopramide Granisetron and additional dexamethasone, as prophylactic anti-emetic therapy in patients undergoing gynaecological surgery at Kenyatta National Hospital

2003 – 2004

Dr E C Bartuiyot ; Arterial oxygen saturation in children following general anaesthesia for ENT surgery.

2001 – 2002

Dr W W Siika; Nasocomial pneumonia in mechanically ventilated patients on stress ulcer prophylaxis; a study comparing oral sucralfate and parenteral ranitidine

Dr L A Litswa; Knowledge attitude and practice of Kenyan physician anaesthesiologists of regional anaesthetic techniques

Dr G Njogu; Knowledge and practice of basic anaesthetic techniques amongst medical officers in Kenya

Dr G O Ogweno; Incidence of postoperative nausea and vomiting in patients undergoing laparoscopic surgery at Kenyatta National Hospital; comparison of propofol and thiopentone used as induction agents.

UNIVERSITY DISSERTATIONS UNDERTAKEN

2000 “Cardiac Autonomic Neuropathy in Diabetics at the Kenyatta National Hospital”
M. Med. Research Thesis, University of Nairobi

1990 “The Structural Anatomy of the Male Reproductive System of the Vervet Monkey”

“The Functional Anatomy of the Renal Vasculature of the Giraffe Camel and Goat”
BSc. (Anatomy) Research Thesis, University of Nairobi

WORKSHOP, SYMPOSIA AND CONFERENCE PRESENTATIONS

2016 Challenges, Opportunities and Partnerships ,
Keynote Address, Kenya Society of Anaesthesiologists
Stake Holders meeting, Crowne Plaza Nairobi

Know your Surgeon
Kenya Society of Anaesthesiologists
Annual Scientific Congress, Diani, Kenya.

Progressive Endocrinopathies in Anaesthesia
Medic East Africa, Anaesthesia Conference, Nairobi Kenya.

- 2015** Anaesthesia, Craniofacial Surgery and The Shared Airway.
5th Scientific Conference of The Pan-African Association of Cleft Lip and Palate, Hawassa, Ethiopia.
- Optimisation for Renal Transplantation
Association of Anaesthesiologists of Uganda /Intensive Care Society of Uganda, 1st International Scientific Congress Entebbe Uganda.
- 2014** Do We Have a Problem; post operative nausea and vomiting, The Kenyan Issues
Kenya Society of Anaesthesiologists Annual congress, Mombasa Kenya
- Training Anaesthesiologists in Kenya
Kenya Society of Anaesthesiologists Annual congress, Mombasa Kenya
- 2013** Developing Ideals, The continuing story of Neuromuscular blocking agents
NACOA/ GSK meeting, Nairobi
- Anaesthesiology A Legal Practice, Science or Medicine?
NNAK theatre Chapter, Annual Meeting, Machakos Kenya
- Rational perioperative antibiotic use
Kenya Society of Anaesthesiologists, Nakuru Kenya
- Renal Disease and Anaesthesia
Kenya society of Anaesthesiologists, Nakuru Kenya
- 2012** The Anaesthesiologist and Perioperative Antibiotic Use
GSK Scientific Meeting Nairobi, Kenya
- 2011** Anaesthesia Training; our perspectives
Kenya Society of Anaesthesiologists, Kisumu Kenya

- 2010** Acute post transplantation care; the renal patient
Kenya Society of Anaesthesiologists
- Legal and Ethical Aspects of Anaesthesia and Perioperative Medicine.
Kenya Society of Anaesthesiologists
- Total Intra-Venous Anaesthesia (TIVA) Practice; general concepts and
application KNH/GSK Workshop
- Team Dynamics
Gertrude's Children's Hospital ICU Symposium
- Considerations in Neuromuscular Blockade use
GSK Symposium, Addis Ababa Ethiopia.
- 2009** ENT Anaesthesia; Airway Challenges In Paediatrics
KENTS , MOMBASA
- Neuromuscular Blocking Agents: are we there yet?
Uganda Society of Anaesthesiologist/GSK Kampala, Uganda
- Solid Organ Transplantation; Anaesthetic Challenges
All Africa Congress of Anaesthesiologists /KSA Nairobi Kenya
- Revisiting Neuromuscular Blockade: a progressive clinical science.
Tanzania Society of Anaesthesiologist/GSK Dar es Salaam Tanzania
- 2008** Demystifying Anaesthesia
NNAK, Theatre Chapter, Annual Meeting, Nairobi
- Nasocomial Infections; An ICU perspective
Kenya Society of Anaesthesiologists
- Anaesthesia and Laparoscopy
COSECSA workshop, Kikuyu Kenya
- The Nairobi 1998 Terrorist Bombing; an analytical review.
Surgical Society of Kenya, Nairobi Kenya
- 2007** Negative Pressure Pulmonary Edema
Anaesthesia Dept, Edith Wolfson Hospital, Holon Israel
- The Unexpected Difficult airway and Lingual Tonsil Hyperplasia
Anaesthesia Dept., Edith Wolfson Hospital, Holon Israel

2001 Cardiac autonomic Neuropathy in Diabetics
Anaesthetic Association of Malawi Annual congress, Blantyre Malawi

PUBLICATIONS

2017 Epiu, I; Tindimwebwa, Jossy V B; Mijumbi, C; **Chokwe, T M.**; Lugazia, E; Ndarugirire, F; Twagirumugabe, T; Dubowitz, G. Challenges of Anesthesia in Low- and Middle-Income Countries: A Cross-Sectional Survey of Access to Safe Obstetric Anesthesia in East Africa
Anesthesia & Analgesia: January 2017 - Volume 124 - Issue 1 - p 290–299

2016 N. Kituu, , **T. M. Chokwe**, Nairobi and H. Mbithe,; Post mortem practice, and mortality and morbidity meetings among Kenyan anaesthesiologists: a baseline survey , *East African Medical Journal Vol. 93 No. 9 September 2016*

Isabella E Jossy V B Tindimwebwa, Cephas M, Francois N, Theogene T, Edwin R L, Gerald D and **Thomas M. Chokwe**, Working towards safer surgery in Africa; a survey of utilization of the WHO safe surgical checklist at the main referral hospitals in East Africa
*BMC Anesthesiology BMC series – 2016*16:60

2015 W. Waweru-Siika, **T. Chokwe**, Ventilator-associated pneumonia in critically ill African patients on stress ulcer prophylaxis: a study comparing oral sucralfate and parenteral ranitidine. *East African Medical Journal Vol. 92 No. 1 January 2015 pp 1 - 8*

U. K. Okech, **T. Chokwe** & V. Mung'ayi. The operational setup of intensive care units in a low income country in East Africa: a cross sectional survey. . *East African Medical Journal Vol. 92 No.2 February 2015 pp 72 – 80*

2014 Jacqueline W. Kagima J.W., David M. J., Otieno F ,**Chokwe T.M**, Hypomagnesaemia In Critically Ill Patients On Admission To The Critical Care Units At The Kenyatta National Hospital. *Am J Respir Crit Care Med* 189,2014.A6212 (ABSTRACT)

- 2013** PN Tshibuyi, POR Olang, O Ogutu, **TM Chokwe** Comparative Study on the Efficacy of Two Regimens of Single-Shot Spinal Block for Pain Relief in Women Presenting in Established Labour. . *East African Medical Journal Vol. . 90 no1 October 2013 pp 12 - 18*
- Kioko P.M., Olang' P.O, Mwangi C. **Chokwe T.** ,The incidence and risk factors for intra-operative hypothermia among paediatric patients undergoing general anaesthesia at the Kenyatta National Hospital. *East African Medical Journal Vol. . 90 no10 October 2013 pp 181 – 187*
- Mwangi C.M, Kiptoon D. Nabulindo S., **Chokwe T** Challenges of Parathyroidectomy in a Patient with Primary Hyperparathyroidism and End Stage Renal Disease- Case Report , *African Journal of Anaesthesia and Intensive Care*, Vol. 13, No. 2, December 2013 p
- 2011** John Ngigi, Anthony Were, James Munene, **Thomas Chokwe**, Peter Mungai, Samuel Kanyi, Divinia Nyarera, Ana Palacio, Conchita Monsalve, Nuria Saval, Nathalie Cretin, Antonio Alcaraz, Federic Oppenheimer. Restarting a living donor kidney transplant Program in Kenya:24 transplants performed in Less than one year *Transplant International Volume 24, Issue Supplement s2, Article first published online: 30 AUG 2011*
- 2010** Kimani MM,, J.N Kiiru, Matu MM, **Chokwe T**, Saidi H.Evaluation of POSSUM and P-POSSUM as predictors of mortality and morbidity in patients undergoing laparotomy at a referral hospital in Nairobi, Kenya: *Annals of African Surgery Vol 5 (2010)*
- 1997** C.R.J.C. Newton, **T. Chokwe**, J.Armstrong Schellenberg, P.A. Winstanley, D. Forster, N. Peshu1, F.J. Kirkham and K. Marsh “Coma Scales for Children with Severe Falciparum Malaria” *Transactions of the Royal Society of Tropical Medicine (91) 1997*

CONSULTANCIES

UNDP	Curriculum and programme evaluation for Nurse Anaesthetist training in Sierra Leone
KMTC	Curriculum review and training facilitation for Clinical Officer Anaesthesia providers
GSK	Facilitation and training on use of Neuromuscular Blocking agents and TIVA techniques Perioperative and Surgical Antimicrobial Prophylaxis
OSMIK	Anaesthesia Perceptorship and development Butaro Hospital, Rwanda.
JKUAT	Anaesthesia curriculum for undergraduate medical education
HOFFMAN La ROCHE	Post operative nausea protocol proposals
MPDBK	CPD protocol development Professional Conduct Committee
AID-VC	Anaesthesia Services Establishment
General Electric Corp	Anaesthesia equipment evaluation
Astra Zeneca	Pharmacological and clinical set up for Spinal Anaesthesia

OTHER ACTIVITIES

MEMBERSHIPS;

St. Johns Ambulance Services

Kenya Red Cross Society

The Operation Smile Mission in Kenya

The International Transplantation Society

The Kenya Medical Association

The Kenya Society of Anaesthesiologists
Past Secretary and Hon Vice Chairman

The Public Service Club Nairobi

The Automobile Association of Kenya

The European Society of Anaesthesiologists

The Association of Anaesthesiologists of Great Britain and Ireland

2002 – 2014

Member of the Mater Hospital Medical Advisory Board
Division & Committee Reps, Vice Chair and Chairman

2004-

Member, Gertrude's Children's Hospital's Medical advisory Committee

2009 - 2016

Patron, Nuru Vision Preparatory School, Soweto- Kayole ,Nairobi

2013 – 2014

The Mater Hospital, Nairobi Governing Council Member

2013-

Patron, University of Nairobi, Medical School Catholic Students Association

REFEREES

1. Prof Zipporah W. W. Ngumi
Assoc. Professor of Anaesthesiology
Department of Anaesthesia,
University of Nairobi
P.O. Box 19676-00202
Nairobi
Email: ngumi@uonbi.ac.ke, zngumi@gmail.com,

2. Prof. Fredrick C. F. Otieno,
Assoc. Professor in Internal Medicine
Department of Clinical Medicine and Therapeutics
University of Nairobi
P. O. Box 54139, Nairobi
E-mail: cfotieno@yahoo.com, fredrick.otieno@uonbi.ac.ke,

3. Dr Charles E. Kabetu,
Chief Anaesthesiologist
Kenyatta National Hospital
P.O. Box 20869- 00202
Nairobi
E-mail: c.kabetu@yahoo.co.ke, ckabetu@gmail.com,

4. Prof. Isaac M. Macharia
Assoc. Professor, Otorhinolaryngology,
Department of Surgery, University of Nairobi,
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