

CURRICULUM VITAE

Dr Mark AWORI
MBChB, Mmed, FCS CTS(ECSA)

IDENTIFICATION:

Surname: AWORI
Name: Mark Nelson
Born: 10th February 1970
Nationality: Kenyan
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Fluent Languages: English, Kiswahili

CURRENT APPOINTMENTS / EMPLOYMENT:

2018: Senior lecturer department of surgery, The school of Medicine, University of Nairobi
2013: Founder and head, Cardiac Surgery Unit, Gertrude's Children's Hospital, Nairobi, Kenya.
2012: Consultant Cardiac Surgeon, Gertrude's Children's Hospital, Nairobi AND Kenyatta National Hospital, Nairobi, Kenya.

MEDICAL STUDIES:

1989-1995: School of Medicine, University of Nairobi.

SURGICAL CERTIFICATION:

2007: General surgery (Medical Practitioners Board of Kenya)
2012: Cardiothoracic surgery (Medical Practitioners Board of Kenya)

REGISTRATION:

Nairobi, Kenya: Registration number A4074

SURGICAL TRAINING:

- Sept 2000- March 2005: Registrar: General surgery, Kenyatta National Hospital, Nairobi, Kenya.
Surgical science (1year), ICU(3 months), Accident and emergency(3 months), general surgery (1 year), orthopaedic surgery(9 months), neurosurgery (3 months), Cardiothoracic surgery (3 months), paediatric surgery(3 months), plastic and reconstructive surgery(3 months)
- April 2005- Dec 2007: Senior registrar: Thoracic and cardiovascular surgery, Kenyatta National Hospital, Nairobi.
- Jan 2008- Dec 2009: Registrar: Cardiothoracic Surgery, Royal Prince Alfred Hospital, Sydney, Australia..
- Jan 2010-Dec 2011: Fellow: Paediatric and Congenital cardiac surgery, Starship Children's Hospital, Auckland, NZ.

PAST POSITION:

- 1996-1997: Internship: Kenyatta National Hospital
- 1998-2000: Medical Officer: Aga Khan Hospital, Kisumu, Kenya.
- 2000- March 2005: Registrar: general surgery, Kenyatta National Hospital, Nairobi, Kenya.
- 2005- 2007: Tutorial fellow, Department of Surgery, University of Nairobi.
- Jan 2008-Dec 2009: Clinical research fellow: The Baird Institute/Royal Prince Alfred Hospital, Sydney, Australia.
- 2009 – 2018: Lecturer, department of surgery, University of Nairobi, Kenya.
- 2012- Present: Consultant paediatric and congenital cardiac surgeon, Gertrude's Childrens Hospital.
- 2018-Present: Senior Lecturer: department of surgery, University of Nairobi.

RESEARCH ACTIVITY POSTS

- 2005-2007: Part-time researcher,
Department of surgery, University of Nairobi, Kenya.
- Jan 2008-Dec 2009: Clinical research fellow,
The Baird Institute/Royal Prince Alfred Hospital, Sydney, Australia:
Set-up of prospective Heart Failure data-base,
Co-ordinator of ATACAS trial (RPAH)
- 2015-Present: Chairman of Mmed dissertation committee, department of surgery, University of Nairobi.

MMed students dissertation supervision

1. Kebba N: Retrospective cohort study of abdominal aortic aneurysm management at Kenyatta National Hospital: a ten year analysis of treatment outcomes and sociodemographic trends. M Med Thoracic and Cardiovascular Surgery. University of Nairobi. 2019.
2. Mitema F: an evaluation of inotropic use post-cardiac surgery at the Kenyatta National hospital. M Med Thoracic and Cardiovascular Surgery. University of Nairobi. 2019.
3. Mwendwa KI. Utility of World society emergency surgery (WSES) sepsis severity score in predicting short term outcomes of patients managed for complicated intra abdominal infections. M Med General Surgery. University of Nairobi. 2019.
4. Mutula R. Antimicrobial susceptibility in surgical site infections after abdominal surgery at Kenyatta National Hospital. M Med General Surgery. University of Nairobi. 2019.
5. Kibicho DK. Blood ordering and utilisation practices for elective thoracic and cardiovascular surgery at Kenyatta National Hospital: a step towards establishing a maximum surgical blood ordering schedule. M Med General Surgery. University of Nairobi. 2018.
6. Elmi MAA. Validation of modified Alvarado score on Hargeisa Group Hospital (HGH) Somaliland. Diagnostic accuracy in acute appendicitis. M Med General Surgery. University of Nairobi. 2017.
7. Mehta NP. Prevalence, associated risk factors and progression of asymptomatic peripheral vascular disease at Kenyatta National Hospital. M Med Thoracic and Cardiovascular surgery. University of Nairobi. 2016.
8. Dindi kJ. Prevalence and clinico-pathological features of cancer of the oesophagus as seen at Kenyatta National Hospital. M Med General Surgery. University of Nairobi. 2015.
9. Yusufali TS. Surgical Apgar Score: A predictor of postoperative complications in patients undergoing surgery for traumatic brain injury. M Med. General surgery. University of Nairobi. 2015
10. Osilli SDJ. Factors influencing choice of inguinal hernia technique among surgeons and surgical trainees: a descriptive cross-sectional study in Kenyatta National Hospital, Nairobi- Kenya. M Med. General surgery. University of Nairobi. 2015.
11. Mbira KM. Comparison Study of Gabapentin and Chlorpheniramine in the management of post-burn pruritus at Kenyatta National Hospital. M Med. General surgery. University of Nairobi. 2015.
12. Oreke BO. Evaluation of total white blood cell count and neutrophil percentage in assessing the severity of Acute Appendicitis at Kenyatta National Hospital. M Med. General surgery. University of Nairobi. 2014.

PROFESSIONAL ASSOCIATIONS:

1. Kenya Cardiac Society (KCS)

MEETINGS ORGANIZED:

1. 2019: KCS Annual Scientific meeting, Mombasa, Kenya
2. 2018: KCS Annual Scientific meeting, Mombasa, Kenya
3. 2017: KCS Annual Scientific meeting, Mombasa, Kenya
4. 2016: KCS Annual Scientific meeting, Mombasa, Kenya
5. 2015: 3rd Panafrican Association of Cardiovascular and Thoracic surgeons Annual Scientific Conference, Nairobi, Kenya.
6. 2015: KCS Annual Scientific meeting, Mombasa, Kenya.
7. 2014: KCS Annual Scientific meeting, Mombasa, Kenya.
8. 2013: KCS Annual Scientific meeting, Malindi, Kenya.

GUEST REVIEWER FOR:

1. World Journal of pediatric and congenital cardiac surgery
2. Echocardiography
3. Annals of African Surgery

TEACHING ACTIVITIES

1. 2005- present: teach and set examinations for undergraduate medical students; University of Nairobi.
2. 2007-present: teach and set examinations for Thoracic and cardiovascular surgical trainees and other sub-speciality trainees as well; University of Nairobi.

PUBLICATIONS

1. Mark Awori, Nikita Mehta, Naomi Kebba, Enoch Makori. Adding Blood to St Thomas Solution Does Not Improve Mortality in Pediatric Cardiac Surgery: A Meta-Analysis (Ann Afr Surg. In press).
2. Mark N. Awori, Nikita P. Mehta, Naomi Kebba, and Joseph M. Mutie. Possible impairment of surgical decision making and confounded outcome in Fontan surgery by Nakata Index. <https://doi.org/10.5897/AATCVS2019.0003>
3. Mark Nelson Awori, Mohammed Nabil khan Mohamed, Ali Ahmed Mohamed. Utility of the Bidirectional Glenn Shunt. Ann Afr Surg. 2019; 16 (1):30–32.
4. Mark Nelson Awori, Nikita P Mehta, Fredrick O Mitema and Naomi Kebba. Optimal Use of Z-Scores to Preserve the Pulmonary Valve Annulus During Repair of Tetralogy of Fallot. World Journal for Pediatric and Congenital Heart Surgery 2018; 9(3):285-288.
5. Awori M, Mutwiri RK, Mutunga WM ,Jowi SO ,Peninan KN , Mang’usu OE. Neonatal Ebstein’s Anomaly: Surgical Decision Making. Ann Afr Surg. 2018; 15(1):40-43.
6. Mark Nelson Awori, Mohammed Nabil khan Mohamed, Ali Ahmed Mohamed. Systemic Arterial-to-Pulmonary Artery Shunt Utilization. Ann Afr Surg. 2017; 14(2):96-99.
7. Awori Mark, Mehta Nikita, Mitema Fred ,Mwangi Jimmy, Mjahid Hassan, Oloo Paul. Validation of the Euroscore on Cardiac Surgery Patients in Nairobi. Ann Afr Surg. 2017; 14(2):100-103.
8. Daniel Ojuka,Keith Dindi,Mark Awori. Prevalence of Esophageal Adenocarcinoma. Ann Afr Surg. 2017; 14(2):82-85.
9. Mark Nelson Awori, Nikita P Mehta, Frederick O Mitema, and Naomi Kebba. Optimal Z-Score Use in Surgical Decision-Making in Pulmonary Atresia With Intact Ventricular Septum World Journal for Pediatric and Congenital Heart Surgery. 2017; 8: 385-388.
10. Nikita Mehta, Stephen Ogendo, Mark Awori. Prevalence, Progression and Associated Risk Factors of Asymptomatic Peripheral Arterial Disease. Ann Afr Surg. 2017;14: 29-34.
11. Dixon Osilli, Mark Awori, Daniel Ojuka. Factors influencing choice of Inguinal Hernia Repair Technique. Ann Afr Surg. 2017;14: 3-9.
12. Yusufali TS, Awori M, Ojuka KD, Wekesa VD. Surgical Apgar Score Predicts Postoperative Complications in Traumatic Brain Injury. Ann Afr Surg. 2016;13(11):15-19.
13. Mark Nelson Awori. Reply to Yurekli et al. Eur J Cardiothoracic Surg (2013) 1-1.
14. Awori M, Ogendo S. The spectrum of paediatric congenital heart disease at the Kenyatta National Hospital: Implications for surgical care. The Annals of African Surgery. 2013;10(1): 9-11.

15. Awori MN, Leong W, Artrip JH, O'Donnell C. Tetralogy of Fallot repair: optimal z-score use for transannular patch insertion. *Eur J Cardiothoracic Surg* 2013;43(3):483-6
16. Mark N Awori, Kirsten Finucane, Thomas L Gentles. Optimal Normative Pediatric Cardiac Structure Dimensions for Clinical Use. *World Journal for Pediatric and Congenital Heart Surgery* .2011. 2(1): 85-89
17. S.W.O Ogendo, M.N. Awori, M.A.Omondi, E.M. Mulatya and P.W.Mugo. Risk of conjunctival contamination from blood splashes during surgery at the Kenyatta National Hospital, Nairobi(2008). *East African Medical Journal*. 2008. 85(9):432-448.
18. M. N. Awori and S.W.O. Ogendo. Rachs-1 system in risk stratification for congenital heart disease surgery outcome. *East African Medical Journal*. Jan 2008. 85(1):36-8.
19. M. N. Awori , S.W.O. Ogendo, S.W. Gitome, S.K. Ong'uti and N. G. Obonyo. Management Pathway of Congenital Heart Disease at the Kenyatta National Hospital (Nairobi). *East African Medical Journal*. July 2007. 84 (7): 312-317.
20. M. N. Awori and S.W.O. Ogendo. Management of Oesophageal carcinoma: a pragmatic approach for developing countries. Online review article for "International Surgery"
21. M. N. Awori and P. K. Jani. Surgical implications of abdominal pain in patients presenting to the Kenyatta National Hospital (Nairobi) casualty department with abdominal pain. *East African Medical Journal*. June 2005. 82(6): 307-310.

PRESENTATIONS TO SCIENTIFIC SOCIETIES

1. Congenital heart disease in Kenya today. 31st Kenya cardiac Society (KCS) Annual scientific conference, Mombasa, Kenya, 2013.
2. Towards better post-op care of the paediatric cardiac surgery patient. 31st Kenya cardiac Society (KCS) Annual scientific conference, Mombasa, Kenya, 2013.
3. Systemic-to-pulmonary artery shunts at Kenyatta National Hospital. 33rd Kenya cardiac Society (KCS) Annual scientific conference, Mombasa, Kenya, 2015.
4. Over view of the thoracic and cardiovascular surgery unit at Kenyatta National Hospital. 3rd Panafrican Association of Cardiovascular and Thoracic surgeons Annual Scientific Conference, Nairobi, Kenya. 2015.
5. Mitral valve surgery: repair or replacement. 34th Kenya cardiac Society (KCS) Annual scientific conference, Mombasa, Kenya, 2016.
6. Optimal z-score use in surgical decision making in pulmonary atresia with intact ventricular septum. 35th Kenya cardiac Society (KCS) Annual scientific conference, Mombasa, Kenya, 2017.
7. Validation of the EuroSCORE and ACEF score in cardiac surgical patients at Kenyatta National Hospital. 35th Kenya cardiac Society (KCS) Annual scientific conference, Mombasa, Kenya, 2017.
8. Pulmonary hypertension and surgery: when is my patients eligible for surgery? 36th Kenya cardiac Society (KCS) Annual scientific conference, Mombasa, Kenya, 2018.
9. Bidirectional Glenn Shunt and Beyond. 36th Kenya cardiac Society (KCS) Annual scientific conference, Mombasa, Kenya, 2018.
10. Strategies towards the development of the cardiac survey service in Kenya. 37th Kenya cardiac Society (KCS) Annual scientific conference, Mombasa, Kenya, 2019.

Personal interests

- Enjoy watching rugby and playing touch rugby.
- Also enjoy swimming
- Interested in surgical education
- Hobbies: reading