

Curriculum Vitae



Prof. Saidi Hassan

BSc, MBChB, MMed (Surgery), FCS (ECSA), PhD, FACS

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1.0 PERSONAL INFORMATION

Full names: Saidi Hassan
DOB: August 03, 1965
Place of Birth: Nairobi, Kenya
Citizenship: Kenyan
Marital status: Married
Children: Three sons
Qualifications: BSc (Anatomy), MBChB, MMed (Surgery), FCS(ECSA), PhD (Surgery), FACS
Address: Department of Human Anatomy, University of Nairobi
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2.0 PRESENT APPOINTMENTS

Professor, Department of Human Anatomy	January 2016
Associate Dean, School of Medicine, University of Nairobi	November 2010
Chairman, Department of Human Anatomy, University of Nairobi	October 2011
Associate Editor-in-Chief, Anatomy Journal of Africa	2012 to date
Editor-in Chief, Annals of African Surgery	2007 to date
Attending General/laparoscopic surgeon, Kenyatta National Hospital	2001
Attending General/laparoscopic surgeon, Aga Khan University Hospital	2004

3.0 PREVIOUS APPOINTMENTS

Associate Professor, Department of Human Anatomy	2011-2015
Senior Lecturer, Department of Human Anatomy, UON	2004-2010
Instructor, Anatomy Dept, University of Pennsylvania	2005
Lecturer, Dept of Human Anatomy, UON	2001-2004
Assistant lecturer, Dept of Human Anatomy, UON	1996-2001
Senior House Officer, Aga Khan Hospital, Nairobi	1994-1996

Medical Officer, Ministry of Health

1993-1996

Demonstrator in Anatomy

1987-1992

4.0 EDUCATONAL BACKGROUND & ACADEMIC QUALIFICATIONS

4.1 UNIVERSITY & PROFESSIONAL QUALIFICATIONS

2016	PhD (Surgery)	University of Nairobi <i>Thesis “Major injury cases in Nairobi: characterization of contexts, outcomes and injury documentation”</i>
2008	FACS	Fellowship of the American College of Surgeons
2004	FC (ECSA)	Fellowship of the College of Surgeons of East, Central and Southern Africa (FCS-ECSA)
2000	MMED (Surgery)	University of Nairobi <i>Thesis : Profile of road traffic injury admissions at the Kenyatta National Hospital</i>
1993	MBChB	University of Nairobi
1990	BSc Hons (Anatomy)	University of Nairobi <i>Dissertation I:Structural organization of the coronary arterial system in the Maasai Giraffe (Giraffa camelopardalis)</i> <i>Dissertation II:Microscopic organization of the distal digital flexor tendons of the vervet monkey and baboon</i> <i>Dissertation III: The evolution of human bipedalism: a review</i>

4.2 SCHOOLS ATTENDED

1984	Kenya Advanced Certificate of Education (KACE)	Alliance High School, Kikuyu
1982	Kenya Certificate of Education (KCE)	Highway School, Nairobi
1978	Certificate of Primary Education (CPE)	Kibera Primary School, Nairobi

4.4 CONTINUING EDUCATION SESSIONS & WORKSHOPS ATTENDED

- 2015 Provider course for Advanced Trauma Life Support (ATLS), December 7-9, 2015, Nairobi, Kenya
Instructors course for Advanced Trauma Life Support (ATLS), December 10-11, Nairobi, Kenya
- 2015 Human subjects research course, Collaborative Institutional Training Initiative (CITI program), John Hopkins University
- 2014 PhD supervision training, University of Nairobi, June 17-19th 2014
- 2013 Developing instructional materials for online learning, Elementaita, Kenya
Curriculum development, Elementaita, Kenya.
- 2012 Advanced colorectal surgery; Portsmouth, UK
Surveillance methods for road traffic injuries workshop, Naivasha, Kenya
Examination development, Nairobi, Kenya
- 2010 Good Clinical Practice (GCP) training, Nairobi, Kenya
Advanced laparoscopic surgery, Paris, France
- 2009 Quality assurance of the assessment of postgraduate medical education, Nairobi
Pedagogy, Nairobi, Kenya
Scientific writing course, Nakuru, Kenya
- 2007 Stapling techniques & endoscopic suturing, Ahmedabad, India
Scientific writing course, Ahmedabad, India
Examination development, Nairobi, Kenya
- 2005 Gastrointestinal endoscopy, Cairo, Egypt
- 2004 Laparoscopy, coloproctology, pancreatic surgery, Baltimore/Chicago/LA, USA
- 2003 Laparoscopy & visceral surgery, Munich, Germany

5.0 SPECIAL AWARDS, HONOURS AND DISTINCTIONS

- 2013-2015 National Chairman, Surgical Society of Kenya (SSK)
- 2013 Excellence award in scholarship and student supervision, preclinical departments, School of Medicine, University of Nairobi

2013 Best overall conference scientific presentation award by the Surgical Society of Kenya

2012 -2013 Best article in Clinical Anatomy and Obs Gyne journal

6.0 RESEARCH & SCHOLARSHIP

My basic research activity explores clinical anatomy in all its aspects - gross, histologic, developmental, experimental and neurologic. My clinical research interests include trauma, oncology and surgery of the digestive tract.

6.1 Publications

6.1.1 Peer reviewed Publications

1. Mwachaka P, **Saidi H**, Mandela P. Is cadaveric dissection vital in anatomy education? Perceptions of 1st and 2nd year medical students. *J Exp Clin Anat* 2016; 15: 14-18
2. Nderitu JM, Butt F, **Saidi H**. Variant Anatomy of the Nasal and Labial Branches of the Infraorbital Nerve. *Cranial Maxillofac Trauma Reconstruction* 2016; 9 (04): 294-296 DOI: 10.1055/s-0036-1584404
3. Mwachaka P, Mandela P, **Saidi H**. Repeated exposure to dissection does not influence student's attitudes towards body donation for anatomy teaching. *Anat Res Int*. 2016, article ID 9251049
4. Njihia BN, **Saidi H**, Ogeng'o JA. Preliminary data from a de novo trauma registry. *Ann. Afr. Surg.* 2016; 13(1):
5. **Saidi H**. Access to specialized surgical care (editorial). *Ann. Afr. Surg.* 2016; 13(1):
6. Botchey IM, Hung YW, He H, Bachani AM, **Saidi H**, Hyder AA, Stevens KA 869 Road traffic injuries in Kenya: a hospital-based surveillance study *Injury Prevention*, 2016; 22 (Suppl 2): A310-A310
7. He H, Hung YW, Botchey IM, Bachani AM, **Saidi H**, Hyder AA, Stevens KA 927 Unintentional childhood injuries in Kenya: epidemiological patterns based on hospital trauma registry data *Injury Prevention* 2016; 22 (Suppl 2): A330-A330

8. Owira PQ, Kigera J, **Saidi H** Distribution of Scaphoid Nutrient Foramina *Ann. Afr. Surg.* 2016; 13 (2):
9. Mwachaka P, **Saidi H**, Odula P, Mandela P. Effects of monocular deprivation on the cell densities of rabbit neural retina. *J Ophthalmic Vis Res* 2015;10:144-50
10. Wanyonyi N, Frantz J, **Saidi H**.The effect of a knowledge-based ergonomic intervention amongst administrators at Aga Khan University Hospital, Nairobi. *Work.* 2015 Aug 4. [Epub ahead of print] PMID:26409376
11. Nyagetuba, MJK, **Saidi H**, Githaiga J. The association between pitch conditions and incidence of injury in rugby. *Ann. Afr. Surg.* 2015; 12(2):73-76
12. Tharao, MK, Oroko P, Abdulkarim A, **Saidi H**. Validation of the Ottawa ankle rules at a tertiary teaching hospital. *Ann. Afr. Surg.* 2015; 12(2):77-80.
13. Machoki RMS, **Saidi H**, Raja A, Ndonga A, NjueA, Biomdo I, Kimani S, Arudo J, Mushtaq A. Risk Factors for esophageal squamous cell carcinoma in a Kenyan population. *Ann. Afr. Surg.* 2015; 12 (1): 38-43
14. Abdalla RO, Qureshi MM, **Saidi H**, Abdallah A. Introduction of the Canadian CT head rule reduces CT scan use in minor head injury. *Ann. Afr. Surg.* 2015; 12 (1):19-21
15. Ongeti K, **Saidi H**, Ogeng'o J. Common carotid intimal medial thickness in a Kenyan population, *Anat J Afr* 2014; 3(3): 393-399
16. Mwachaka PM, **Saidi H**, Odula PO, Mandela P. Effects of monocular deprivation on the dendritic features of retinal ganglion cells *Int. J. Morph.* 2014; 32(4):1144-1151.
17. Misiani MK, Loyal PK, Ogeng'o JA, **Saidi HS** High origin of the right testicular artery coursing through a hiatus in the inferior vena cava. *Anat. J. Afr.* 2014; 3S(1):
18. **Saidi H**, Mutiso BK, Ogengo J. Mortality after road traffic crashes in a system with limited trauma data capability. *J Trauma Manag & Outcomes* 2014, 8:4
19. Mwachaka P, **Saidi H**, Odula P, Mandela P. Structural changes in the rabbit neural retina following monocular deprivation. *Ann of Anatomy* 2014; 196S: 177-178
20. El-Busaidy H, Hassanali J, Kaisha W, **Hassan S**, Ogeng'o J & Ndung'u B. Prevalence of abnormal sternal angles in a Kenyan population. *Anat Physiol* 2014, 4:1

21. Stevens KA, Paruk F, Bachani AM, Wesson HH, Wekesa JM, Mburu J, Mwangi JM, **Saidi H**, Hyder AA. Establishing hospital-based trauma registry systems: lessons from Kenya. *Injury*. 2013; 44 Suppl 4:S70-4.
22. Nderitu J, Butt F, **Saidi H**. Variations in the emergence and course of the inferior palpebral nerve. *Cranial Maxillofac Trauma Reconstruction* 2014 doi: 10.1055/s-0034-1374062
23. Wabwire B, **Saidi H**. Stratified outcome evaluation of peritonitis. *Ann Afr Surg* 2014; 11: 29-35
24. Motanya JB, **Saidi H**. Recurrence and mortality after surgical treatment of soft tissue sarcomas. *Ann Afr Surg* 2013; 10(2):
25. Mohammedali S, Mutiso SK, Oroko P, **Saidi H**. Experience with treatment of clavicle fractures at an African tertiary referral hospital. *East Afr. Orth. J* 2013; 7: 27-31
26. Makanga W, Wasike R, **Saidi H**. Does a structured data collection form improve the accuracy of diagnosis of acute abdomen in an urban private hospital? *Ann Afr Surg* 2013; 10(2):
27. Sinkeet S, Mwachaka P, Muthoka J, **Saidi H**. Branching pattern of inferior mesenteric artery in a black African population: a dissection study. *ISRN Anatomy* 2013 <http://dx.doi.org/10.5402/2013/962904>)
28. Ojuka KD, **Saidi H**, Rere EC. The role of infiltrative local anaesthesia in thyroidectomy *Ann Afr Surg* 2013; 10(2):
29. **Saidi H**, Mutisto B. Motorcycle injuries at a tertiary hospital in Kenya. Injury patterns and outcome. *Eur J Trauma & Emerg Surg*. 2013: 1-5; April 2013 doi.0.1007/s00068-013-0280-8
30. Makanga W, Wasike R, **Saidi H**. A profile of female breast cancer patients in a Kenyan private hospital. *Ann Afr Surg*. 2013; 10(1): 3-7
31. **Saidi H**, Oduor J. Trauma deaths outside the hospital: uncovering the typology in the Kenyan capital *J Forensic Leg Med*. 2013; 20(6): 570-4
32. Ongeti K, Ogeng'o J, **Saidi H**. Structural organization of the human carotid artery. *Anat J Afr*. 2013 2(1):

33. **Saidi H**, Mutiso B. Injury outcomes in elderly trauma patients admitted at an urban African hospital. *Surgical Science* 2013; 4(6): 292-297 doi: 10.4236/ss.2013.46057
34. **Saidi H**. Endoscopic anatomy of the groin; implication for trans-abdominal pre-peritoneal herniorrhaphy. *Anat J Afr.* 2012, 1(1): 2-9
35. Nyagetuba M, **Saidi H**, Githaiga JW. Surveillance of injuries among Kenya Rugby Union (KRU) players – season 2010. *Ann Afr Surg.* 2012; 9(2): 88-92
36. Ongeti K, **Saidi H**, Ogeng'o, J. Non-expression of androgen receptors in the carotid intimal medial zone. *J. Morphol. Sci.*, 2012; 29 (3): 144-147
37. Abdihakim M, Khamala W, **Hasan S**, Maceod J. A randomized controlled trial of steroid injection in the management of plantar fasciitis. *SA Orthopedic Journal* 2012; 11(4): 33-38
38. El-Busaid H, **Hassan S**, Odula P, Ogengo J, Ndung'u B. Sex variations in the structure of human atrioventricular annuli. *Folia Morphol (Warsz).* 2012; 71 (1): 23-7
39. Nasio NA, **Saidi H**. Effects of delayed treatment on perforated peptic ulcers at Kenyatta National Hospital *Ann Afr Surg* 2012; 9: 37-41
40. K Ongeti, A Pulei, J Ogeng'o, **H Saidi** Unusual formation of the median nerve associated with the third head of biceps brachii *Clinical Anatomy* 2012; 25 (8); 961–962
41. Magoma G, **H Saidi**, WO Kaisha Origin of thyroid arteries in a Kenyan population *Ann Afr Surg* 2012; 9(1): 50-54
42. El-Busaid H, Kaisha W, Hassanali J, **Hassan S**, Ogengo' J, Mandela P. Sternal foramina and variant xiphoid morphology in a Kenyan population. *Folia Morphol (Warsz)* 2012; 71(1): 19-22
43. M M Obimbo, J A Ogeng'o, **H Saidi**. Comparative regional morphometric changes in human uterine artery before and during pregnancy. *The Pan African Medical Journal.* 2012;13:30
44. KW Ongeti, J Ogeng'o, LN Gakuu, **H Saidi**, A Pulei. Prolapsed intervertebral disc in an African population: Kenyan Experience *East Afr Orth J* 2012;6: 12-15
45. Magoma G, **Saidi H**, Kaisha W. Relation of the external laryngeal nerve to superior thyroid artery in an african population; *Anat J Africa*, 2012; 1: 27-29

46. El-Busaidy H, **Saidi H**, Odula P, Ogengo J, Hassanali J. Age changes in the structure of human atrioventricular annuli. *Anat J Africa* 2012; 1: 30-39
47. Ongeti KW, Ogengo JA, **Saidi H**. A horseshoe kidney with partial duplex system. *IJAV*. 2011; 4: 55–56.
48. Ogengo'o JA, Kilonzi J, **Saidi H**, Hassanali J. Histomorphometric evidence of early onset coronary artery disease among Kenyans. *Afr. J. Hosp. Med.* 2010; 19-24: 11-14
49. Kimani MM, Kiiru JN, 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. *Ann Afr. Surg.*, 2010; 5: 28-322010
50. Mburu KS, Alexander OJ, **Hassan S**, Bernard N. Variations in the branching pattern of the celiac trunk in a Kenyan population. *Int. J. Morph.* 2010; 28(1): 199-204
51. Obimbo MM, Ogengo J, **Saidi H**. Variant anatomy of the uterine artery in a Kenyan population. *Int J. Gynaecol Obstet.* 2010; 1: 49-52
52. Mwachaka PM, **Saidi H.**, Odula PO, Awori KO, Kaisha WO. Locating the arcuate line of Douglas: Is it of surgical significance? *Clinical Anatomy* 2010; 23: 84-86
53. Abdihakim M, **Saidi H**. Severe necrotizing infection of the perineum: Beyond necrosectomy. *Ann Afr. Surg.*, 2010; 5: 39-43
54. Mwachaka P, Mbugua E, **Saidi H**. Who wants to be a surgeon? A survey of medical students at the University of Nairobi. *Ann Afr. Surg.* 2010; 6: 26-31
55. Sinkeet R, Ogeng'o J, **Saidi H**. Topography of the posterior communicating artery in a Kenyan population. *Ann Afr. Surg.* 2010; 6: 37-40
56. **Saidi H**. Anatomy teaching: Flexnerian model to contextualized vertical integration? *Ann Afr. Surg.* 2009; 4: 1-2
57. Ongeti K, **Saidi H.**, Ogeng'o J, Tharao M. Experience with Hirchprung's disease at a tertiary hospital in Kenya. *Ann Afr. Surg.* 2009; 4: 8-12
58. Gatonga P, Odula PO, **Saidi H.**, Mandela P. Sex variation in occurrence of myocardium in the human mitral valve cusps. *Int. J. Morph.* 2009; 27(4): 1217-1222
59. Kilonzi PJ, **Saidi H**, Hassanali J, Ogeng'o JA. Histomorphometry of the left anterior descending coronary artery among Kenyans. *Eur. J. Med. Res.*, 2008; 13(suppl 1): 2

60. **Saidi H**, Nyaim EO, Githaiga JW, Karuri D. Colorectal cancer Surgery trends in Kenya. 1993-2005. *World Journal of Surgery*, 2008; 32: 217-223
61. Olabu B, Ogeng'o J, Kirsteen A, **Saidi H**. Variations in the formation of supraclavicular brachial plexus in Kenyans. *Ann. Afr. Surg.* 2008; 2: 9-14
62. **Saidi H**, Ongeti KW, Ogeng'o JA. Human myocardial bridges: Morphology and association with coronary occlusion. *Afr. Health Sciences*, 2010; 10(3): 242-247
63. Nasio NA, **Saidi H**. Perforated peptic ulcer disease at Kenyatta National Hospital *ECAJS*. 2009; 14(1): 13-17
64. **Saidi H**, Awori K, Odula P. Sexual and partner violence at a Womens' hospital in Nairobi, Kenya. *East Afr. Med. J.* 2008; 85: 347-54
65. Ongeti K, Hassanali J, Ogeng'o J, **Saidi H**. Biometric features of facial foramina in adult Kenyan skulls. *Eur J Anat* 2008; 21(1): 89-95
66. Njeru EK, Mutiso BM, **Saidi H**, Mak'Anyengo K, Gakuru JN. Firearm injures at selected hospitals in Kenya *Ann Afr. Surg.* 2008; 3: 3-9
67. **Saidi H**, Karuri D, Nyaim EO. Correlation of clinical data, anatomical site and disease stage in colorectal cancer. *East Afr. Med. J.*, 2009; 85(6): 259-262
68. Ojuka K, **Saidi H**. Exposure in emergency general surgery in a time-based residency program: A call for review? *Ann. Afr. Surg.* 2008; 2:15-18
69. Anangwe D, **Saidi H**, Ogengo J, Awori K. Anatomical variations of the carotid arteries in adult Kenyans *East Afr. Med. J.*, 2008; 85(5): 244-247
70. **Saidi H**. Firearm injures: Surgical perspectives (Editorial). *East Afr. Med. J.* 2008; 85(3): 105-106
71. **Saidi H**, Kitunguu P, Ogengo JA. Variant anatomy of the anterior cerebral artery in Adult Kenyans. *Afr. J. Neurol. Sci.* 2008; 27: 97-105
72. **Saidi H**, Odula P, Awori K Child maltreatment at a violence recovery center in Kenya. *Tropical Doctor* 2008;38: 87-89
73. Tharao MK, **H Saidi**, P Kitunguu, JA Ogeng'o Variant anatomy of the hepatic artery in Adult Kenyans. *Eur J. Anat.* 2007; 11(3): 155-161
74. Olabu B, **Saidi H**, Ogengo J, Awori K. Prevalence and distribution of the third coronary artery in Kenyans. *Int. J, Morphol.* 2007;25(4): 851-854

75. **Saidi H**, Tharao MK, Ogeng'o J. Variant anatomy of the cystic artery in adult Kenyans. *J. Clinical anatomy*, 2007;20:943-945
76. **Saidi H**, Anangwe D, Ogengo J. Morphometry of the adult sigmoid colon and relation to volvulus. *Ann. Afr. Surgery* 2007; 1: 56-59
77. **Saidi H**, Chavda SK, Magoha GA. Appendicectomy for recurrent and chronic appendicitis *Tropical Doctor* 2007;37: 56-57
78. **Saidi H**, Nyaim EO, Githaiga JW, Karuri D. Young patients with colorectal cancer at a tertiary hospital in Kenya. *Ann Afr. Surgery* 2007; 1: 10-15
79. **Saidi H**, Mugambi S, Uzair M. Gossypiboma; an unusual abdominal mass: Case Report. *East Afr. Med J* 2007; 84: 88-92
80. Mutebi M, Abdalla A, **Saidi H**. Acute pancreatitis at the Aga Khan Hospital, Nairobi: a two year audit. *Ann . Afr. Surg.* 2007; 1: 60-65
81. **Saidi H**, Macharia W, Atinga J. Crash and road-user characteristics in non-fatal motor vehicle collisions in Nairobi, Kenya *Afr. Safety Promotion Journal* 2006; 4: 50-58
82. Awori KO, **Saidi H**, Kiptoon K. Acute acalculous cholecystitis in the outpatient setting. *East and Centr. Afr. J. Surgery* 2006; 11: 48-53
83. Odhiambo D, De Souza J, Gikenye G, **Saidi HS**. Radiological anatomy of a cranial malformation in a conjoined dicephalus twin. *Eur. J. Anat.*, 2006; 10(3): 121-125
84. Wasike R, **Saidi H**. Perforated Meckel's diverticulitis presenting as a mesenteric abscess: a case report. *East Afr. Med J* 2006; 83 (10): 580-584
85. **Saidi H**, Macharia MW, Atinga JEO. Outcome for hospitalized road trauma patients at a tertiary hospital in Kenya. *Eur. J. Trauma*; 2005; 31: 401-6
86. Chavda S, **Saidi H**, Magoha G Acute appendicitis at Kenyatta National Hospital; an audit. *East Afr. Med J.* 2005;82:527-531
87. **Hassan S**, Macharia WM, Atinga J. Self-reported alcohol prevalence in an urban traffic trauma population Kenya *East Afr. Med J.* 2005; 82(3); 145-148
88. **Hassan S**, Adari G. Primary breast sarcoma; a case report *East Afr. Med J.* 2004; 81: 375-377
89. **Saidi H**. Initial injury care in Nairobi, Kenya: a call for trauma care regionalization *East Afr. Med J.* 2003; 80(9); 480-483

90. **Saidi H**, Chavda S. Use of a modified Alvorado score in the diagnosis of acute appendicitis East Afr. Med J. 2003; 80(8); 411-414
91. **Saidi H**, Ndonga A. Patient and allograft survival after transplantation with living donor kidneys; 14 years' experience. East & Centr. Afr. J Surg. 2003; 8(1); 19-24
92. **Saidi H**, Awori M, Kibira G. Blunt colon injury and multiple organ failure (MOF) syndrome; a case report. EAMSJ 2002; 1(1) 34-36
93. **Saidi H**, Nyakiamo J, Faya S. Pattern of gunshot wounds at the Aga Khan Hospital, Nairobi, Kenya. East Afr. Med J. 2002; 79:188-192
94. **Saidi H**, Kirasi AOK, Kalebi A. Anatomy and pathology of coronary artery in black Kenyans East Afr. Med J. 2002; 79: 323-327
95. **Saidi H**, Kahoro P. Experience with road traffic accident victims at the Nairobi Hospital. East Afr. Med J. 2001; 78(8): 56-59
96. **Saidi H**. Fifty consecutive renal transplants – an audit III: Experience with living donors. Nairobi Hospital Proceedings 2001; 5: 65-68
97. **Saidi H**. Kabiru J. Fifty consecutive renal transplants – an audit I: 30 – day mortality and morbidity. Nairobi Hospital Proceedings 2001 5(1): 21-28
98. Kirasi AOK, **Saidi H**. Coronary arterial system and sudden cardiac death. East Afr. Med J. 2000
99. **Saidi H**, Adwok JA. Acute appendicitis: an overview. East Afr. Med J. 2000; 77: 152-156
100. Opole IO, Gichangi PB, **Saidi H**. Structure and adrenergic innervation of the carotid rete mirabelle in the maasai giraffe (*Giraffa camelopardalis*). NJM 1991; 17: 51-58
101. Gichangi P.B, Opole IO, **Saidi H**. The aorta in health and disease. NJM 1990; 16; 42-48

6.1.2 Books and Book Chapters

102. **Saidi H**, Ongeti K, Mandela P, Mwachaka PM, Olabu B (eds). 2014 Kimani's HISTOLOGY Text and Manual, 1st Edition, Nairobi

103. **Saidi H**, Gichangi P, Mandela P, Awori K (2014) Histology Module I: Basic Histology. Department of Human Anatomy, University of Nairobi
104. **Saidi H**, Odula P (2014) Glandular Digestive System. In Saidi H, Ongeti K, Mandela P, Mwachaka PM, Olabu B (eds). Kimani's Histology: Text and Manual, 137-144, Nairobi
105. **Saidi H** (2014) Respiratory System In Saidi H, Ongeti K, Mandela P, Mwachaka PM, Olabu B (eds). Kimani's Histology: Text and Manual, 145-151, Nairobi
106. Njuguna E, Musibi A, **Saidi H**, Weru I, Amayo A. Gastric Cancer: In National Guidelines for Cancer Management Kenya, Ministry of Health, August 2013; 52-56
107. Musibi A, **Saidi H**, Njuguna E, Weru I, Amayo A, Othieno-Abinya NA, Odongo I. Hepatocellular Carcinoma. In National Guidelines for Cancer Management Kenya, Ministry of Health, August 2013; 61-65
108. Nebayosi T, **Saidi H**, Musibi A, Njuguna E., Busakhala N. Pancreatic Cancer. In National Guidelines for Cancer Management Kenya, Ministry of Health, August 2013; 66-69
109. **Saidi H**, Njuguna E, Musibi A, Saidi H, Weru I, Amayo A, Othieno-Abinya NA, Odongo I. Colon Cancer. In National Guidelines for Cancer Management Kenya, Ministry of Health, August 2013; 70-75
110. **Saidi H**, Njuguna E, Musibi A, Saidi H, Weru I, Amayo A, Othieno-Abinya NA, Odongo I. Rectal Cancer. In National Guidelines for Cancer Management Kenya, Ministry of Health, August 2013; 76-81
111. **Saidi H**, Njuguna E, Musibi A, Saidi H, Weru I, Amayo A, Odongo I. Gastrointestinal Stromal Tumor (GIST). In National Guidelines for Cancer Management Kenya, Ministry of Health, August 2013; 82-88
112. Safwat A, **Saidi H**, Ojuka D. A decade of surgical volunteerism in Kenya: Impact and possibilities. Ann Afr Surg 2013; 10(1):54- 59
113. Nasio NA & **Saidi H**. Perforated Peptic Ulcer Disease; Outcomes of Delay at Kenyatta National Hospital, Kenya, LAP Lambert Academic Publishing ISBN 978-3-8484-8034-0, paperback, 64 Pages

114. **Saidi H**, Mbugua E, Munguti J, Karuri D. Guns , our security, our dilemma: law enforcement, firearm deaths and community perceptions of violence 2014, IMLU, Nairobi

6.1.3 Forthcoming publications

115. Siboe M, **Saidi H**, Wasike R. a double-blind randomized controlled trial comparing effectiveness of 0.2% topical Nifedipine versus 0.2% topical Gyceryl trinitrate in the treatment of chronic anal fissure
116. **Saidi H**, Mutiso B, Ogeng'o J Hospitalization for urban violence in Kenya: Patterns of injury and treatment outcomes
117. **Saidi H**, Njihia B, Akwanalo C, Ddungu H, Osawa F, Kunyiha N, Tharao M, Mwebaze R, Lumu W, Aruasa W, Waiswa MK. Venous thromboembolism risk and prophylaxis in the acute hospital care setting- results of the ENDORSE study in East Africa
118. **Saidi H** and Obimbo. Mastering General and Clinical Anatomy: a student's handbook

6.2 Editorial Work

2004 to date Reviewer with:

- BMC Research Notes
- African Journal of Safety Promotion
- Journal of Clinical Anatomy
- Journal of Injury Prevention
- East African Medical Journal
- African Health Sciences

2012 to date Associate Editor-in-Chief, Anatomy Journal of Africa

2007 to date Editor-in Chief, Annals of African Surgery

6.3 Research Grants

- Title: Breast Cancer Care (BRECC) Registry project ML-25502

Project aim: Development of a breast cancer registry to determine the magnitude of breast cancer and current clinical care patterns in Kenya (2011-2015)

Collaborative work with Roche Pharma

Role: Co PI

Grant amount: US\$ 210,250 (Hoffman-la-Roche)

- Title: Epidemiologic African Day for the Evaluation of Patients at Risk of Venous Thrombosis in the Acute Hospital Care Setting ENDORSE – Africa (Kenya) R- 04757

Project aim: to identify hospitalized patients at risk of venous thromboembolism (VTE) and proportion of at-risk patients who receive effective VTE prophylaxis (2012-2013)

Collaborative work with Sanofi Aventis in seven hospitals in East Africa

Role: PI

Grant amount: US\$ 23, 140 (Sanofi Aventis)

- Title: Capacity development and program evaluation for trauma care in low and middle income countries- phase 1- trauma care in Kenya and India

Project aim: to determine the burden of injuries and the care available for injured individuals through the implementation of a trauma registry of injured patients who present to the Kenyatta National Hospital (2013)

Collaborative work with WHO & John Hopkins University

Role: Co PI

Grant amount: US\$ 100,000 (RS-10 project, WHO)

- Title: Firearm deaths in Kenya: Exploring the data and perspectives on triggers and prevention (2013-2014)

Project aim: to study the burden, pattern and forensic reconstruction of firearm deaths and to qualitatively explore perspectives on triggers and prevention of gun violence in Kenya.

Kenya

Collaborative study with the Independent Medicolegal Unit (IMLU)

Role: PI

Grant amount: US\$ 23,000

6.4 Current Research

My current research activities include trauma system development, care pathways linking basic science understanding and human health and pedagogy in anatomy education.

- i. Hand anthropometry: link with handedness, dexterity and efficiency
- ii. Breast Cancer Care (BRECC) Registry

6.5 Conferences attended

- 2016 Scientific conference of the College of surgeons of East, Central & Southern African (COSECSA), Mombasa
- 2016 Scientific conference of the Surgical Society of Kenya, March, Naivasha, Kenya
Council of Science Editors conference, June, Denver, USA
- 2015: International Symposium on Morphological Sciences (ISMS), September 2-6, Istanbul, Turkey
Scientific conference of the Surgical Society of Kenya, March, Diani, Kenya
Venous thromboembolism safety zone meeting, June, Istanbul, Turkey
- 2014: 18th congress of the International Federation of Associations of Anatomists (IFAA), August, Beijing, China
Clinical congress of the American College of Surgeons, October, San Francisco, CA
Scientific conference of the Surgical Society of Kenya, March, Watamu, Kilifi
- 2013: Scientific conference of the Surgical Society of Kenya, Mombasa
Clinical congress of the American College of Surgeons, Washington, DC,
College of surgeons of East, Central & Southern African (COSECSA) Harare, Zimbabwe
- 2012: Scientific conference of the Surgical Society of Kenya, Kisumu

College of surgeons of East, Central & Southern African (COSECSA), Addis Ababa, Ethiopia

- 2011: Scientific conference of the Surgical Society of Kenya, Naivasha
College of surgeons of East, Central & Southern African (COSECSA)
- 2010: Scientific conference of the Surgical Society of Kenya, Mombasa
Clinical congress of the American College of Surgeons, Washington DC
International Surgical thrombosis meeting, Paris, France
Oncology Experience in Africa, Mombasa, Kenya
- 2009: College of surgeons of East, Central & Southern African (COSECSA)
ASEA/COSECSA regional meeting, Zanzibar, Tanzania
- 2008: International Association of Pathologists of East, Central and Southern Africa (APECSA) conference, Mombasa, Kenya
Clinical congress American College of Surgeons, San Fransisco, USA
- 2007: Clinical congress of the American College of Surgeons
30th conference of the association of colon and rectal surgeons of India & 11th advanced instructional course in coloproctology, Ahmedabad, India
17th congress of the International Federation of Associations of Anatomists (IFAA), Cape Town, South Africa
- 2005: Clinical congress American College of Surgeons, Chicago, USA
- 2004: Clinical congress of the American College of Surgeons, New Orleans, LO
7th World injury congress, Vienna, Austria

6.6 Research administration

- Created a culture and expectation of success in the department of Human Anatomy which continues to drive the research agenda, mentorship and growth.
Activities: weekly research clinics, a publications board, active BSc, MSc and PhD programs, mainstreaming research in the departmental strategic plan 2013-2018
- Successful management of several multi-collaborator research projects with respect to team roles, budget, and timeliness of completion

- Established the Dean's Award for recognition of excellence in scholarship and student supervision for pre-clinical departments
- Identified, sought and obtained UON resources to allow academic staff to participate at global anatomy meetings
- Establishment of the *Anatomy Journal of Africa & Annals of African Surgery* as media for dissemination of research findings relevant to the African continent

6.7 Future plans

- ALITRAS (Africa Leadership Initiative for excellence in Training and Research in Anatomical Sciences)

Proposal for a collaborative center of excellence for championing the training and research in Anatomical Sciences. The program goal is to enhance teaching, research and leadership in anatomical sciences in Africa with special linkage to human health.

- Intercalated MSc and PhD Anatomy programs

To address the shortage of specialists in Human Anatomy, we have developed the two innovative programs to be processed as per CUE guidelines.

7.0 TEACHING

I have taught Human anatomy to undergraduate and graduate trainees for 28 years. I have coordinated MBChB and intercalated BSc Anatomy programs. I have been involved in the development of learning resources as well as clinical teaching at the KNH.

7.1 Undergraduate and postgraduate units

- Gross anatomy for MBChB, BDS, BPharm, BScN and Masters' students
- Microscopic anatomy for MBChB, BDS, BPharm, BScN and Masters' students

- Neuroanatomy for MBChB, BDS, BPharm, BScN and Masters' students
- Developmental anatomy for MBChB, BDS, BPharm, BScN and Masters' students
- Integrated higher anatomy for BSc and MSc Anatomy students
- Clinical surgery to undergraduate medical students and surgery residents

7.2 Major teaching responsibilities

- Delivering lectures, seminars and tutorials, practical supervision
- Clinical teachings in wards, clinics and surgical theatres
- Designing, developing and implementing new methods of teaching and teaching materials
- Student assessments including examination setting and marking
- Supporting students through mentorship and advisory role
- Supervision of students' research activities
- Carrying out administrative tasks related to teaching such as timetabling, student attendance analysis, curriculum development and reviews

7.3 Innovatory units or teaching methods introduced

- E-learning for microscopic anatomy commenced in 2014
- Physical renovation, computerization and use of multimedia resources for Gross anatomy and Histology teaching
- Diploma in mortuary sciences developed for consideration and further processing
- Physician-guided clinical dissections at the Nairobi Surgical Skills Centre (NSSC)

7.4 Undergraduate research students supervised to completion

	Student	BSc Anatomy Research Topic	Status
1.	Cheruiyot	Morphometry of the occipital condyles in an adult Kenyan population	Completed 2016
2.	Tom Amuti	Effects of mebendazole on the light microscopic structure of the small intestines of laboratory rat (<i>Rattus norvegicus</i>)	Completed 2016
3.	Githambo Beth	Histoarchitecture of the adrenal cortex following repeated exposure to mifepristone	Completed 2015
4.	Nur Amir Mumin	Morphology of the pinna among medical students at the University of Nairobi	Completed 2015
5.	Evans Mutwiri	Effect of odorant stimulation on regeneration of the rat olfactory mucosa following carbimazole-induced injury	Completed 2015
6.	Brian Kariuki	Age related changes in the morphology and microscopic structure of the human gall bladder	Completed 2014
7.	Patricia Owira	Morphological analysis of the scaphoid in sample of Kenyan wrists	Completed 2013
8.	Musa Misiani	Age related changes in the microscopic organization of the plantar fascia	Completed 2012
9.	Nderitu	Anatomical organization of the infraorbital nerve complex	Completed 2012
10.	Ndemange	Organization of the human mesenteric venous system	Completed 2011
11.	El-Hemed Busaidy	Age and sex variations in the structure of atrioventricular annuli	Completed 2010
12.	Nelson Fundi	The anatomical features of the descending branch of the lateral circumflex femoral	Completed 2010

		artery among Kenyans	
13.	Georgina Magoma	Thyroid arteries in a Kenyan population: origins and nerve relations	Completed 2010
14.	Simeon Sinkeet	Topography and structural organization of the posterior communicating artery	Completed 2009
15.	Patrick Gatonga	Histological organization and gender variations of the mitral valve apparatus	Completed 2008
16.	Wanjiku Njongo	The anatomy of the gastroesophageal reflux barrier	Completed 2008
17.	Anne Mburu	Correlation of pelvic inlet and outlet with relative body height and weight	Completed 2007
18.	Kilonzi	Histomorphometry of the left anterior descending artery: Relation to age and gender	Completed 2007
19.	Steve Mburu	Topography and structure of the celiac trunk axis	Completed 2007
20.	Peter Kitunguu	Anatomy of the pancreatobiliary duct system in adult Kenyans	Completed 2006
21.	Beda Olabu	Anatomy of the human third coronary artery	Completed 2006
22.	Anangwe	Morphometry and connective tissue composition of the human sigmoid colon	Completed 2006
23.	Kevin Ongeti	Prevalence and characteristics of myocardial bridges of the coronary arteries	Completed 2005
24.	Dan Odhiambo	A radiological and dissection study of a dicephalus twin	Completed 2005
25.	Mark Tharao	Anatomy of arteries to the liver and gall bladder in indigenous Kenyans	Completed 2005

7.5 Postgraduate research students supervised to completion

	Student	Research Topic for Master's Thesis	Status
1.	Isaac Kobe Odhiambo	The impact of the introduction of the PECARN head CT rules on the utilization of head CT scans for children with mild head injury	Completed MMed (Surg) 2016
2.	Stanley Aruyaru	The effect of additional lumbosacral corset on the outcome of patients with non-specific acute low back pain	Completed MMed (Surg) 2016
3.	Walter Odhiambo	Impact of road safety campaign on motorcycle related road traffic injuries in Naivasha, Kenya	Completed Fellowship (Imp Res) 2015
4.	Bahaty Riogi	Effect of a navigation program on patient return after an abnormal clinical breast cancer screening examination finding	Completed MMed (Surg) 2015
5.	Mark Siboe	A double-blind randomized controlled trial comparing effectiveness of 0.2% topical Nifedipine versus 0.2% topical Glyceryl Trinitrate (GTN) in the treatment of chronic anal fissure	Completed MMed (Surg) 2014
6.	Raphael Gichere	Adequacy of axillary lymph node dissection at Kenyatta National Hospital	Completed MMed (Surg) 2014
7.	Phillip Mwachaka	Effect of monocular deprivation on the rabbit retina	Completed MSc (Anatomy) 2014
8.	Ramadhan Omari	The impact of introduction of the Canadian CT – head rule on the use of CT-scan on minor head injury	Completed MMed (Surg) 2013
9.	Mark Tharao	Validation of the ankle rule at a developing	Completed

		country urban hospital	MMed (Surg) 2013
10.	Beda Olabu	Effect of castration on the microarchitecture of the rabbit penis	Completed MSc (Anatomy) 2013
11.	Adili Wobenjo	Road traffic trauma outcome at Kenyatta National hospital: comparison of Trauma and Injury Severity Score (TRISS) and the Trauma mortality prediction model (TPPM)	Completed MMed (Surg) 2012
12.	Winston Makanga	The effect of use of a structured data collection form on the accuracy of diagnosing causes of acute abdominal pain	Completed MMed (Surg) 2012
13.	Kevin Ongeti	Immunolocalization of androgenic receptors in the human carotid artery	Completed MSc (Anatomy)2012
14.	Nancy Wanyonyi	A survey on the knowledge and prevalence of ergonomic-related low back and neck pain amongst hospital administrators	Completed MSc (Physiotherapy) 2012
15.	Abdihakin Mohammed	A randomized controlled trial of steroid injection in the management of plantar fasciitis –plantar fasciitis	Completed MMed (Surg) 2012
16.	Nyagetuba Muma	Surveillance of Injuries among Kenya rugby football union (KRFU) players – season 2010	Completed MMed (Surg) 2010
17.	Shamsudin Mohammedali	Effect of additional ultrasound in the treatment of acute low back pain. A randomized controlled trial	Completed MMed(Surg) 2010
18.	Moses Obimbo	Topography & structural organization of the human uterine artery	Completed MSc (Anatomy) 2009
19.	Hamad Ilkul	Healing rates and relapse for GTN treated chronic anal fissure	Completed MMed(Surg)

			2009
20.	Aber Nasio	Delay and outcome of perforated peptic ulcers at Kenyatta National Hospital	Completed MMed (Surg) 2009
21.	James Motanya	Recurrence after surgical treatment of soft MMed(Surg) tissue sarcomas at Kenyatta National Hospital	Completed MMed (Surg) 2009
22.	Mugambi Machoki	Esophageal cancer in Kenya: a case-control study	Completed MMed (Surg) 2009
23.	Benjamin Wabwire	The Mannheim peritonitis index: A validation Study	Completed MMed (Surg) 2008
24.	Maigacho Seko	Catheter-associated sepsis at the KNH intensive care unit	Completed MMed (Anaesth) 2007
25.	Moses Kimani	The evaluation of Possum and P-Possum systems of surgical audit among patients undergoing laparotomy at the Kenyatta National Hospital	Completed MMed (Surg) 2006

7.6 External Examinership

2015-2016 External examiner in surgery

- Kenyatta University, Nairobi, Kenya
- Moi University, Eldoret, Kenya

2006 External examiner for Masters' thesis

- 2006 Jomo Kenyatta University of Agriculture & Technology
- 2006 Moi University, Eldoret, Kenya

2004-2011 External Examiner in Anatomy

- 2004-2007 Moi University, Eldoret, Kenya
- 2008-2011 Kenyatta University, Nairobi, Kenya

8.0 LEADERSHIP, ENGAGEMENT & CITIZENSHIP –Have provided leadership and raised the reputation of the department of Human Anatomy characterized by excellence across the programs, research and engagement. I have supported the personal and professional development of faculty and students who have become strong scholars. Grant towards the establishment of the Nairobi Surgical Skills Centre in 2012 was a welcome accomplishment. I have championed efforts to strengthen the Chiromo Funeral Parlor (CFP) brand with a focus on product quality, ambience and convenience.

8.1 Academic leadership in Anatomy

- Chairman, Department of Human Anatomy, 2011 to date.
- Course director, MBChB 1 Anatomy, 2004-2008
- Course coordinator, Intercalated BSc Anatomy program, 2004-2008
- Associate Editor, Anatomy Journal of Africa; 2012 to date

8.2 Leadership in the University

- Associate Dean, School of Medicine, 2010 to date
- Acting Dean, School of Medicine, 2014
- Member, College Corruption Prevention Committee (CHS), UON, 2010 to date
- Member of College Management Board (CHS), UON, 2010 to date
- Member of College Academic board (CHS), UON, 2010 to date
- Member of Deans Committee, University of Nairobi, 2010 to date
- Member of University of Nairobi Senate, 2010 to date
- Member of various technical and appointment committees at College and University levels

8.3 Professional activity and leadership outside the University

- President, Surgical Society of Kenya , 2013-2015
- Vice President, Surgical Society of Kenya (SSK) 2011-2013
- Supervisory board member, Kenya Medical Association Sacco, 2009-2011
- Member of the Kenya Medical Association (KMA)
- National secretary, Surgical society of Kenya, 2008 – 2010
- Council member and scientific convenor, surgical society of Kenya, 2003-2012
- Member of the Kenya Society for Hematology and Oncology (KESHO)
- Member of the Kenya Society of Endoscopic Surgeons (KESES)
- Fellow of the College of Surgeons, East, Central & Southern African (COSECSA)
- Fellow of the American College of Surgeons (ASC)

8.4 Enterprise activity

- Project head, Chiromo Funeral Parlor, 2011 to date

The 24 year old income generating unit has continued to be a sustainable venture. Gross annual income is currently over 40 million shillings. We are investing further in ambience and customer convenience

- Board Chair, Nairobi Surgical Skills Centre (NSSC), 2013 to date

The skills center is a collaborative effort between the UON and Johnson & Johnson company. Over \$295,000 have been injected into this world class facility that has undertaken 98 courses for 1,531 trainees by the close of 2015.

The center is in current negotiation with Karl Storz Germany for support with four laparoscopy towers valued at Kshs. 16,000,000.

- Welfare support

I have managed the development of three welfares in the department (*Humana, Hatswa & Haaswa*) and worked closely with the groups to support ideas on governance, investment decisions and group welfare.

8.5 Public engagement activities and Community Service

- Member, African Medical research Foundation (AMREF) outreaches (2000-2004)
- Member, Surgical Society Kenya (SSK) free surgical missions 2000 to date
- Board Chair of Haiba Foundation that mentors children towards educational excellence besides other community initiatives in Kibra
- Member, Government of Kenya task force to develop cancer guidelines, 2013
- Gold member, University of Nairobi Alumni Association (UONAA)

8.6 Selected invited Presentations

- 2015 *Skills and values set for effective interpersonal relationships & Perspectives of youth health* at a Haiba Foundation Youth retreat, Nakuru, Kenya
- Anatomical considerations in breast cancer surgery* at a Breast cancer symposium, Boma Hotel, Eldoret
- 2014 *The future of Anatomy: e-teaching & learning, tele-anatomy & digital anatomy* at a MEPI review meeting, Maanzoni, Kenya
- 2014 *Overview of trauma services in Nairobi* at the Aga Khan University Surgical Trans-Indian Ocean Collaboration, 'AKUSTIC 2014'. AKUH-N
- 2014 *Preparing for the world of work: education and training, job seeking skills, how to be a good employee* at an educational retreat for high school and University students, Wamy High school
- 2014 *Volunteering as a career builder* at a career day meeting in Kibera, Nairobi
- 2012 *Establishing a hospital-based trauma registry: a KNH experience* at the Great Rift Valley Lodge, Naivasha, Kenya
- 2013 *Mainstreaming trauma research at the KNH: The Kenya registry project*. Presented at a KNH research symposium
- 2013 *Peritoneal guides, friendly Cooper, nasty triangles & networks: Understanding TAPP Anatomy* at the 1st Kenya Hernia society meeting, Eka Hotel, Nairobi
- 2013 *Dignity, justice, prosperity restored: the next steps* at a 'The Kibra land question: a new quest in a new dispensation' symposium, at Best Western Hotel, Nairobi

2013 *Growing up caring, empowered and responsible* at a youth 'Building Community Resilience: meeting the Challenge' symposium, Kolping center, Thika

2013 *Strategy formulation, implementation and evaluation* at a youth empowerment symposium, Kibera, Nairobi

9.0 Referees

Prof Adel Malek
Professor, Department of Human Anatomy
University of Nairobi

Prof. Fred Were
Dean, School of Medicine
University of Nairobi

Prof. George Magoha
Professor, Department of Surgery
University of Nairobi