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| **PERSONAL DATA** | **Dr. Isaac Okyere**  (BSC MB ChB FWACS FGCS) |

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| Name | : | Isaac Okyere |
| Place & Date of Birth | : | Kumasi, 18th December 1972 |
| Marital Status | : | Married with three (3) Kids |
| Nationality | : | Ghanaian |
| Address | : | **Official Address:** |

Department of Surgery, School of

Medical Sciences, College of Health

and Allied Sciences, Kwame Nkrumah University of Science and Technology, Kumasi - Ghana

**Tel:** +233 208 168 512/233591972912

Email:[isaac.okyere@knust.edu.gh/](mailto:isaac.okyere@knust.edu.gh/) Webpage:[www.knust.edu.gh](http://www.knust.edu.gh/)

**Private Address:**

P.O. Box KS 11078, Kumasi-Ghana **GPS Address**: AK-178-2555

**Email:**[drokyere@yahoo.com](mailto:drokyere@yahoo.com)

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| Present Designation | : | Senior Lecturer |
| **In the Department of** | : | Surgery |

*1. ACADEMIC DEGREES AND INSTITUTIONS ATTENDED (a) Academic Degrees/Certificates Earned with Year*

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| **SN** | **Academic Degrees** | **Field of Study** | **Year** |
| *1.* | FGCS (Fellowship) | Cardiovascular and Thoracic Surgery | 2019 |
| *2.* | FWACS (Fellowship: PART II) | Cardiovascular and Thoracic Surgery | 2011 |
| *3.* | FWACS (Fellowship: PART I) | General Surgery | 2006 |
| *4.* | Bachelors in Medicine and Surgery (MB ChB) | General Medicine and Surgery | 2001 |
| *5.* | Bachelors: BSC (Human Biology) | Human Biology | 1998 |
| *6.* | GCE Advanced Level Certificate, West  Africa | General Certificate of Education | 1993 |
| *7.* | GCE Ordinary Level Certificate, West  Africa | General Certificate of Education | 1991 |

*(b) Institutions Attended with Year*

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| **SN** | **Institution** | **Year(s)** |
| 1. | Ghana College of Physicians and Surgeons  *FGCS (Fellowship)* | 2019 |
| 2. | West African College of Surgeons  *FWACS (Fellowship: PART II)* | 2007-2011 |
| 3. | West African College of Surgeons  *FWACS (Fellowship: PARTI)* | 2003-2006 |
| 4. | *University of Science and Technology, Kumasi*  (Bachelors in Medicine and Surgery (MB ChB)) | 1998-2001 |
| 5. | *University of Science and Technology, Kumasi*  (Bachelors: BSC (Human Biology)) | 1994-1998 |
| 6. | Opoku Ware School,  *(General Certificate of Education, West Africa)* | 1991-1993 |
| 7. | Anglican Senior High School,  *(General Certificate of Education, West Africa)* | 1986-1991 |

*(c) Professional Membership/Titles*

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| **SN** | **Membership/Title** | **Year** |
| *1.* | *Member, Diabetic Foot International* | 2023 |
| *2.* | *Member, World Society of Pediatric and Congenital Heart Surgery* | 2022 |
| *3.* | *Member, African Society of Pediatric and Congenital Heart Surgery* | 2022 |
| *4.* | *Member, Association of Academic Surgeons, USA* | 2021 |
| *5.* | *Member, Association of University Surgeons, USA* | 2021 |
| *6.* | *Member, UTAG* | 2020 |
| *7.* | *Fellow, Ghana College of Physicians and Surgeons* | 2019 |
| *8.* | *Member, Komfo Anokye Doctors’ Association, Komfo Anokye Teaching Hospital, Kumasi* | 2001 |
| *9.* | *Fellow, West African College of Surgeons* | 2011 |
| *10.* | *Member, Cardiothoracic Surgery Network* | 2011 |
| *11.* | *Member, Ghana Surgical Research Society* | 2005 |
| *12.* | *Member, Ghana Medical Association (GMA)* | 2001 |
| *13.* | *Member, Ghana Christian Medical and Dental Fellowship* | 2001 |

*(d) Honours/Awards/Fellowships/Grants*

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| **SN** | ***Honours/Awards/Fellowship*** |
| *1.* | *2023 West African College of Surgeons Visiting Scholar to the 18th Annual Academic Surgical Congress; February 7-9, 2023 , Houston , Texas , USA.* |
| *2.* | *2022 West African College of Surgeons Visiting Scholar to the 18th Annual Academic Surgical Congress; February 7-9, 2022 , Houston , Texas, USA.* |
| *3.* | ***Foundation lecturer in Cardiovascular and thoracic Surgery*** *: Department of Surgery, School of Medical Sciences, Kwame Nkrumah University of Science and Technology, Kumasi-Ghana , 2015.* |

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| *4.* | ***September 1-30, 2019: Leader:*** *Selected Group of staff from the Komfo Anokye Teaching Hospital to the Cardiothoracic Surgery Department of the James Cook University Hospital, Middlesbrough, United Kingdom for a month attachment for cardiology, cardiac pharmacy, cardiac anesthesia, perfusion, critical care nursing and cardiac surgery.* |
| *5.* | ***First to perform the first pediatric Open-Heart Surgeries*** *with Professor Francis Fynn-Thompson, Boston’s Children’s Hospital, Boston, MA, USA, at the Komfo Anokye Teaching Hospital in Kumasi, Ghana from October 2007.* |
| *6.* | *Introduction of the principles and practice of cardiovascular and thoracic Surgery to health professionals: pharmacists, nurses, house officers and surgical residents at the Komfo Anokye Teaching Hospital, Kumasi-Ghana.* |
| *7.* | ***Foundation and first cardiothoracic and vascular surgeon:*** *Komfo Anokye Teaching Hospital, Kumasi-Ghana.* |
| *8.* | *Establishment of the cardiovascular and thoracic surgery unit: Komfo Anokye Teaching Hospital, Kumasi-Ghana.* |
| *9.* | ***Foundation Head of the Cardiovascular and Thoracic Unit:*** *Komfo Anokye Teaching Hospital, Kumasi-Ghana.* |
| *10.* | ***Lead Cardiac Surgeon*** *in the first adult open-heart surgery by wholly local cardiac surgery team at Komfo Anokye Teaching Hospital, Kumasi-Ghana.* |
| *11.* | ***First to carry out open heart Surgeries*** *in both children and adults at the Komfo Anokye Teaching Hospital in Kumasi-Ghana.* |
| *12.* | *First to carry out series of cardiac, thoracic and vascular surgeries at Komfo Anokye Teaching Hospital in Kumasi-Ghana.* |
| *13.* | ***Won the Michael Boudreau Global Cardiac Education Fund of the Boston Children’s Hospital, USA,*** *for Pediatric Cardiac Surgery Fellowship at the Innova Hospital and Research Centre, Hyderabad, India under Dr Konas Murthy :January to December 2014.* |
| *14.* | ***Travel Grant:*** *To 19th South China International Congress of Cardiology; April 6th to 9th , 2017,Guangzhou Baiyun International Convention Centre, Guangzhion , China.* |
| *15.* | ***Travel Grant:*** *To attend the EACTS Conference at the Department of Cardiothoracic Surgery, University of the Free State, Bloemfontein, South Africa, July, 2011.* |
| *16.* | ***Travel Grant:*** *To represent the West African College of Surgeons as an International Scholar at the Annual Congress of the Association of Academic* |

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|  | *Surgeons and the Association of University Surgeons, Houston, Texas, USA, February 7-9, 2022.* |
| *17.* | ***Travel Grant:*** *To the 1st Meeting of the African Society for Pediatric and Congenital Heart Surgery ,June 15th-19th , 2022, Marrakesh, Morocco.* |
| *18.* | ***Travel Grant:*** *To represent the West African College of Surgeons as an International Scholar at the Annual Congress of the Association of Academic Surgeons and the Association of University Surgeons, Houston, Texas, USA, February 7-9, 2023.* |
| *19.* | ***Chief Surgical Resident*** *at the National Cardiothoracic Centre, Korle-Bu Teaching Hospital, Korle-Bu, Accra, Ghana: 2008-2011.* |
| *20.* | ***Deputy Surgical Chief Resident:*** *Department of Surgery, Komfo Anokye Teaching Hospital, Kumasi-Ghana: 2004-2006.* |
| *21.* | ***Letter of Appreciation for performing a Bloodless Heart Surgery*** *at the Komfo Anokye Teaching Hospital , Kumasi , Ghana by the Jehovah’s Witness Community in Ghana.* |
| *22.* | ***2nd Best Case Report Presentation:*** *Emergency Medicine Society of Ghana*  *inaugural Conference 2019: “Management of Thoracic Impalement Injury in*  *Ghana: A 5-year experience at the Komfo Anokye Teaching Hospital “, Golden Bean Hotel, 13th-15th November 2019.* |
| ***Grants*** | |
| *23.* | ***1st Meeting of the African Society for Pediatric and Congenital Heart Surgery*** *,June 15th-19th , 2022, Marrakesh, Morocco - College of Health Sciences, KNUST ($ 2000).* |
| *24.* | ***17th Annual Academic Surgical Congress of the Association for Academic Surgery:*** *From February 1st-3rd , 2022, at the Hilton Buena Vista Palace ,Orlando ,Fl, USA - West African College of Surgeons, Abuja, Nigeria ($ 7000).* |
| *25.* | ***17th Annual Academic Surgical Congress of the Association for Academic Surgery:*** *Houston, Texas, USA, February 7-9, 2023 - West African College of Surgeons, Abuja, Nigeria ($ 8000).* |

*(e) Online Profiles*

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| *SN* | *ID/Link* | *Institution* |
| *1.* | [https://webapps.knust.edu.gh/staff/dirsearch/profile/summary/a](https://webapps.knust.edu.gh/staff/dirsearch/profile/summary/af89192921a8.html) [f89192921a8.html](https://webapps.knust.edu.gh/staff/dirsearch/profile/summary/af89192921a8.html) | KNUST |
| *2.* | <https://orcid.org/0000-0002-2008-6978> | Orchid |
| *3.* | [*https://www.scopus.com/authid/detail.uri?authorId=5442080*](https://www.scopus.com/authid/detail.uri?authorId=54420801700)[*1700*](https://www.scopus.com/authid/detail.uri?authorId=54420801700) | Scopus |
| 4. | <https://www.researchgate.net/profile/Isaac-Okyere-7> | Research Gate |
| 5. | [https://scholar.google.com/citations?user=8mcISNsAAAAJ&hl=](https://scholar.google.com/citations?user=8mcISNsAAAAJ&hl=en) [en](https://scholar.google.com/citations?user=8mcISNsAAAAJ&hl=en) | Google Scholar |
| 6. | <https://www.linkedin.com/in/isaac-okyere-b6881b30/> | Linkedln |
| 7. | <https://pubmed.ncbi.nlm.nih.gov/?term=isaac+okyer> | Pubmed |

*2.* **UNIVERSITY TEACHING AND RESEARCH EXPERIENCE WITH DATES** *(a)* ***Academic Ranks held and Courses Taught***

*i) Academic Ranks held with Dates*

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| **SN** | **Academic rank** | **Date** |
| *1.* | **Senior Lecturer,** Department of Surgery, Kwame  Nkrumah University of Science and Technology, Kumasi | August 2020 –  Present: |
| *2.* | **Adjunct Senior Lecturer,** Department of Surgery, Kwame Nkrumah University of Science and Technology, Kumasi | August 2018 – August 2020 |
| *3.* | **Adjunct Lecturer,** Department of Surgery, Kwame  Nkrumah University of Science and Technology, Kumasi | March 2015 – August 2018 |
| *4.* | **Part-time Lecturer,** School of Medical Sciences , University of Cape Coast, Cape Coast, Ghana | 2019-2020 |
| 5. | **Demonstrator**, Department of Anatomy, Kwame Nkrumah University of Science and Technology, Kumasi | 2006 |

*ii) Subjects Taught*

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| **SN** | **Course Code** | **Course Title/Name** |
| 1. | SMS 467/678 | Principles of Chest Trauma Management |
| 2. | SMS 468/678 | Congenital Heart Disease |
| 3. | SMS 468/678 | Surgical Dysphagia |
| 4. | SMS 468/678 | The Dark Foot |
| 5. | Clinical  Clerkship | Chest Tube Management |
| 6. | SMS 468/678 | Acute Arterial Insufficiency |
| 7. | SMS 467/678 | Chronic Arterial Insufficiency |
| 8. | Clinical  Clerkship | Surgical Thromboembolism |
| 9. | SMS 468/678 | Bedside Teaching and Clinical Methods |
| 10. | Clinical  Clerkship | Teaching/Skill demonstration on general ward rounds |
| 11. | Clinical  Clerkship | Teaching/skill demonstration at out-patient department |
| 12. | Clinical  Clerkship | Chest X-ray Interpretation in Chest Trauma |
| 13. | Clinical  Clerkship | Vascular Access |
| 14. | Clinical  Clerkship | Cardiac Morphology/Clinical Correlation |
| 15. | Clinical  Clerkship | Demonstration of Cardiovascular and thoracic surgical cases in theatre |
| 16. | SMS 468/678 | Principles of Surgery and general surgical pathology to MBChB I Students -2015 to date |
| 17. | SMS 467/678 | Principles of Surgery and general surgical pathology to MBChB III Students -2015 to date |
| 18. | SMS 468/678 | Principles of Surgery (Course PAC) to BSC. Physician Assistantship level 300: 2020-2022 |
| 19. | Surgical Residents Training | Principles and Practice of Surgery, general surgery Pathology and operative surgery to postgraduate residents for the Membership and Fellowship of Ghana College of |

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|  |  | Physicians and Surgeons and the West African College of Surgeons 2006 to date |

To ensure quality teaching and learning experiences for my students, I employ information communication technology which includes the use of Microsoft PowerPoint presentations, animation of surgical concepts, photographic images of surgical conditions, videos of physical examination maneuvers and surgical procedures, website reviews, and online references.

***(b)Supervision of Project Work/Thesis/Research***

● I supervise the preparation of surgical resident doctors’ logbooks of surgical procedures, in the section performed during their trauma and cardiovascular and thoracic surgery rotation. The logbook is required in part fulfillment of the requirements for the membership and Fellowship examinations of the Ghana College of Physicians and Surgeons and the West Africa College of Surgeons since **January 2015.**

● I serve as a supervisor to senior surgical residents in the conduct of their research as part of the requirements for their fellowship examinations of the Ghana College of Physicians and Surgeons and the West African Collge of Surgeons since 2015

● I supervise the preparation of Medical House Officers’ logbooks of educational activities undertaken during their training at the Komfo Anokye Teaching Hospital, KATH, which is in part fulfillment of the requirement for permanent registration with the Ghana Medical and Dental Council since 2006.

● I serve as a supervisor to physician assistants students in the conduct of their research as part of requirements for their Award of BSC Physician Assistants of the College of Health Sciences, KNUST.

● I supervise the educational activities of foreign trained doctors posted to the department of surgery at the Komfo Anokye Teaching Hospital and assigned to the cardiovascular and Thoracic surgery unit for the preparation to write their licensure for the Ghana Medical and Dental Council.

● I supervise foreign medical students on elective or exchange attachment in the department of surgery and assigned to the cardiovascular and thoracic surgery for tutorship and training in cardiovascular and thoracic surgery.

● I Supervise foreign trained cardiovascular and thoracic surgeons for attachment for mentorship and training for specialist licensure examination with the Ghana Medical and Dental Council.

**b (i) Details of Selected Students Thesis/projects Supervised**

Attached are few selected students thesis/projects supervised at all levels

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| **SN** | **Title of Project** | **Candidate** | **Year** | **Status** |
| **A.** | ***Postgraduate Surgical Residents/Candidates*** | | | |
| *1.* | The Burden Of Chest  Injuries At An Urban  Emergency Department In Kumasi, Ghana | Dr. Emmanuel Kwaku Oppong | 2023 - Present | ***Ongoing*** |
| *2.* | The Pattern of Outcomes of Patients Presenting with  Traumatic Chest Injuries to the Emergency Department of the Korle-Bu Teaching  Hospital | Dr. Henry Kwasi Bulley | 2023 - Present | ***Ongoing***  Dissertation for  the final  Fellowship of the  Ghana College of  Physicians and  Surgeons. |
| *3.* | Correlation of Embolic  Burden and Right Heart  Dysfunction Parameters  with Mortality in Acute  Pulmonary Embolism Using Computed Tomography in  Pulmonary Angiography | Dr. Nana Akua K. Asamoah | *2019 -*  *2023* | ***Graduated***  Dissertation for  the final  Fellowship of the  Ghana College of  Physicians and  Surgeons |
| *4.* | A Comparative Study of Renal Function versus  Serum Lipid Levels as a Proxy to Assess the  Presence and Severity of  Peripheral Arterial Disease  Among Persons with  Diabetic Foot Ulcer in  Komfo Anokye Teaching Hospital, Kumasi-Ghana | Dr. Esenam Agberko | 2019 - 2023 | ***Graduated***  Dissertation for  the final  Fellowship of the  West African  College of  Surgeons |

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| 5. | The Place of Early Removal of Nasogastric Tube  Following Small Bowel  Surgery in Adults at Komfo Anokye Teaching Hospital, Kumasi, Ghana | Dr. Nuhu Hamidu Naabo | *2019 -*  *2021* | ***Graduated***  Dissertation for  the final  Fellowship of the  West African  College of  Surgeons |
| **B.** | ***Undergraduate Candidates*** | | | |
| 1. | Assessing the knowledge and Awareness of breast cancer among female  students in the College of Humanities and Social  Sciences in Kwame  Nkrumah University of Science and Technology |  | *2024 -*  *Present* | ***Ongoing*** |
| 2. | The Prevalence of late night eating among students and the effects on their overall  Health | Asare Nkansah Yaw Kelvin | *2023* | ***Graduated***  *Dissertation for the award of BSc (Hon) Degree in Physician*  *Assistantship* |
| 3. | Assessing The Knowledge, Attitudes, and Perceptions of Blood Donation among College of Health Sciences Students in KNUST | Isaac Duodo | *2022* | ***Graduated***  *Dissertation for the award of*  *BSc (Hon)*  *Degree in*  *Physician*  *Assistantship* |

**b (ii) Other professionally related experience**

1. **Leader,** ten (10) member team of the Cardiothoracic Surgery unit of the Komfo Anokye Teaching Hospital, Kumasi, Ghana to the ***Cardiothoracic Surgery Department of the James Cook University Hospital, Middlesbrough, UK,*** for one month attachment for cardiology, cardiac pharmacy, cardiac anesthesia, Perfusion, critical care nursing and cardiac surgery training **-** September 1st-30th 2019.

2. **Part-Time lecturer,** Cardiothoracic Surgery: School of Medical Sciences, University of Cape Coast, Cape Coast-Ghana, October, 2019-2020

3. **Foundation Head:** Cardiovascular and Thoracic Surgery Unit, Department of Surgery, KNUSTand the Komfo Anokye Teaching Hospital, Kumasi-Ghana**,** August 2016.

4. **Consultant Cardiovascular and Thoracic Surgery Trainer,** Asafo Boakye Specialist Hospital, Kokoben, Kumasi, 2019-to date.

5. **Consultant Cardiovascular and Thoracic Surgery Trainer,** Legacy Hospital, Asokore Mampong, Kumasi, 2019 to date.

6. **Consultant Cardiovascular and Thoracic Surgery Trainer**, Frimpong- Boateng Medical Centre**,** Nkawie-Toase, Kumasi**:** 2019-2022.

7. **Visiting Cardiovascular and Thoracic Surgeon,** University of Ghana Medical Centre, Legon, Accra, Ghana.2024.

**8. Cardiac Surgery Fellow,** Mission Hospital, Durgapur, West Bengal, India under Dr. Bose and Dr. Chatterjee, June 2012- December 2013: (***1.5 Years).***

**9. Supernumery Fellow in cardiothoracic and vascular surgery,**

University of the Free State, Bloemfontein, South Africa under Professor Francis Smit, July 2011-February 2012: (***8-Months).***

10.**Off Pump CABG (Coronary Artery Bypass Graft) Surgery Fellow**, Bilroth Hospitals, Chennai, India, 5th June-31st June, 2013: ***(1-Month).***

11. **Congenital/Pediatric Cardiac Surgery Fellow,** Innova Children’s Heart Hospital and Research Centre, Hyderabad, India under Dr Konas Murthy, January 2014-June 2014: (6-Months):

12.**Senior Surgical Resident,** General Surgery of the West African College of Surgeons Postgraduate training at the Department of Surgery, Komfo Anokye Teaching Hospital, Kumasi-Ghana, **October** 2016-March 2017, (6-Months)

**13.Senior Specialist: Cardiovascular and Thoracic Surgeon,** Department

of Surgery, Komfo Anokye Teaching Hospital, Kumasi: June 2011 to date.

14.**5th year Medical School Elective Attachment at the National Cardiothoracic Centre**, Korle-Bu Teaching Hospital, Korle-Bu, Accra- Ghana under Professor Kwabena Frimpong-Boateng, 29th November 2000- January 12th 2001, (6-Weeks)

**15.Senior Surgical Resident in Cardiovascular and Thoracic Surgery,**

National Cardiothoracic Centre, Korle-Bu Teaching Hospital, Korle-Bu, Accra under ***Professor KwabenaFrimpong-Boateng, April 2007-March 2011, (4 years)***

16.**Medical Officer /Surgical Resident,** Department of Surgery**,** Komfo Anokye Teaching Hospital, Kumasi, Ghana, 2002-2006:

17.**House Officer,** Department of Medicine, Komfo Anokye Teaching Hospital, Kumasi, Ghana, August 2001-January 2002.

18.**House Officer,** Department of Obstetrics and Gynaecology, Komfo Anokye Teaching Hospital, Kumasi, Ghana**,** February 2002-August 2002.

**b (iii) Reviewer Records**

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| **SN** | **Journal** | **Role/Position** |
| **1.** | Ghana Medical Journal | Reviewer |
| **2.** | Postgraduate Medical Journal of Ghana | Reviewer |
| **3.** | Open Journal of Case Reports | Reviewer |
| **4.** | World Journal of Surgery | Reviewer |

**3. DETAILS OF RESEARCH OR PROJECTS UNDERTAKEN SINCE LAST**

**APPOINTED TO THE UNIVERSITY OR PROMOTED**

**(a) Research Conducted (Topics with Years)**

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| **SN** | **Research Topic** | **Study Site** | **Year** | **Contribution** |
| 1. | A gist on an obscure neoplasm in Ghana: gastrointestinal  stromal tumors. | KATH & Legacy Hospital,  Kumasi | 2023 | Co-  Investigator |
| 2. | Spontaneous pneumothorax in pregnancy | 37 Military  Hospital, Accra | 2023 | Co-  Investigator |
| 3. | Retrospective review of  empyema and parapneumonic effusions in hospitalized  children in Ghana. | KATH | 2023 | Co-  Investigator |
| 4. | Malignant Transformation in the Esophagus 25 Years after Esophagectomy for Achalasia: Case Report. | National  Cardiothoracic  Centre, Korle-  Bu, Accra | 2023 | Co-  Investigator |
| 5. | A Formula for the  Determination of Appropriate Chest Tube Size and Length of Insertion in Children. | National  Cardiothoracic  Centre, Korle-  Bu, Accra | 2023 | Co-  Investigator |
| 6. | Traumatic rupture of  anterolateral papillary muscle in a patient with congenital  deficiency of left hemi-  pericardium: case report. | National  Cardiothoracic  Centre, Korle-  Bu, Accra | 2023 | Co-  Investigator |
| 7. | Thrombus Propagation across an Inferior Vena Cava Filter Resulting in Fatal Pulmonary Embolism | National  Cardiothoracic  Centre, Korle-  Bu, Accra | 2022 | Co-  Investigator |
| 8. | Conservative therapy is  associated with worse clinical features and biochemical  derangements than renal replacement therapy: a  retrospective study in Kumasi. | KATH | 2022 | Co-  Investigator |

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| 9. | A Study of the Effectiveness of  Lidocaine to Treat Severe Pulmonary Vascular  Constriction induced by Protamine. | KATH | 2022 | Co-  Investigator |
| 10. | Time to Think of Novel  Biomarkers to Detect  Perioperative Acute Kidney Injury in Surgical Patients. | KATH | 2022 | Co-  Investigator |
| 11. | Television News and official  government releases the main source of information on  COVID-19 among chronic kidney disease patients in Komfo Anokye Teaching Hospital, Ghana. | KATH | 2022 | Co-  Investigator |
| 12. | Brachial Artery Embolectomy in a Polytrauma Patient. | KATH | 2022 | Principal Investigator |
| 13. | Empyema and Parapneumonic effusions in children admitted  to a teaching hospital in Ghana. | KATH | 2022 | Co-  Investigator |
| 14. | Comparison of effectiveness and safety of epsilon-  aminocaproic acid and  tranexamic acid in adult  patients undergoing cardiac surgery. | KATH | 2022 | Co-  Investigator |
| 15. | The effect of BIS usage on  anaesthetic agent consumption in high-risk patients for  coronary artery bypass grafting off-pump surgery. | KATH | 2022 | Co-  Investigator |
| 16. | Emergency Thoracic Surgery In Chest Trauma At The  Komfo Anokye Teaching  Hospital In Ghana: The Role | KATH | 2022 | Principal Investigator |

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|  | Of Sternotomy And Thoracotomy |  |  |  |
| 17. | Surgical management of  traumatic diaphragmatic  rupture: ten-year experience in a Teaching Hospital in Ghana. | KATH | 2022 | Principal Investigator |
| 18. | Paediatric cardiac anaesthesia perspective in Komfo Anokye Teaching Hospital Kumasi. | KATH | 2022 | Co-  Investigator |
| 19. | Malaria and Urinary Tract Infections among Children Under Five Years with  Malnutrition at a District Hospital in Ghana. | KATH | 2022 | Co-  Investigator |
| 20. | Successful surgical  management of intralobar pulmonary sequestration in Ghana. | KATH | 2022 | Principal Investigator |
| 21. | Priapism in a 9-Year-Old  Ghanaian Boy with COVID. | KATH | 2022 | Co-  Investigator |
| 22. | Antenatal diagnosis of  congenital pulmonary airway malformation–two case report. | KATH | 2022 | Co-  Investigator |
| 23. | Vascular access for  haemodialysis in Ghana: a single centre experience. | KATH | 2022 | Principal Investigator |
| 24. | Portacath Implantation in Ghana: Initial Experience at the Komfo Anokye Teaching Hospital in Kumasi. Clinical medicine insights. | KATH | 2022 | Principal Investigator |
| 25. | Demographic, diagnostic and  therapeutic characteristics of autosomal dominant polycystic kidney disease in Ghana. | KATH | 2021 | Co-  Investigator |
| 26. | Pericardiectomy for  constrictive pericarditis in a resource constraint setting. | KATH | 2021 | Principal Investigator |

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| 27. | A Ten-Years Review of  Palliative Procedures for  Congenital Heart Diseases in KATH Kumasi: The Need for a Paradigm Shift in Africa. | KATH | 2020 | Co-  Investigator |
| 28. | Cervical Oesophagotomy and Removal of an Impacted  Oesophageal Denture. | KATH | 2020 | Principal Investigator |
| 29. | Lifesaving Emergency  Sternotomy in Traumatic  Cardiac Tamponade in a  Teaching Hospital in Ghana: Survival of Two Rare Cases. | KATH | 2020 | Principal Investigator |
| 30. | Open Thoracic Surgery for Removal of a Two-Year-Old Impacted Esophageal Coin. | KATH | 2020 | Principal Investigator |
| 31. | Management of Ruptured Scalp Arteriovenous  Malformation. | KATH | 2020 | Principal Investigator |
| 32. | The First Implantation of the Novel Biological Heart Valve, the Inspiris Resilia Aortic  Tissue Valve in Africa: The  Experience of Ghana and the History of Artificial Heart  Development. | KATH | 2020 | Principal Investigator |
| 33. | The Effect of Combined  Conventional and Modified  Ultrafiltration on Mechanical Ventilation and Hemodynamic Changes in Pediatric  Congenital Heart Surgery. | KATH | 2020 | Co-  Investigator |
| 34. | Does Meticulous Blood Glucose Control During  Cardiopulmonary Bypass Improves Outcome in  Paediatric Patients?. | KATH | 2020 | Co-  Investigator |
| 35. | Surgical Management of Herniated Intrathoracic Gastric Perforation in | KATH | 2020 | Principal Investigator |

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|  | Traumatic Diaphragmatic Rupture |  |  |  |
| 36. | A Team-Based Approach to  Surgical and Anaesthetic Care for Children with Congenital Heart Disease in a Low  Resource Setting in Ghana West Africa. | KATH | 2020 | Co-  Investigator |
| 37. | Spectrum and Clinical  Characteristics of Renal  Diseases in Ghanaian Adults: A 13-Year Retrospective Study. | KATH | 2020 | Co-  Investigator |
| 38. | Factors influencing knowledge levels among hypertensive  patients receiving treatment at the Komfo Anokye Teaching  Hospital in Kumasi. | KATH | 2020 | Co-  Investigator |

**(b)Publications Arising Out of Research**

**i) Refereed Journal Papers with Exact References**

1. Yorke J, Brenu SG, Awoonor-Williams R, Tabiri S, Seidu AS, Yamoah FA, Akpaloo J, Der EM, Adjei E, **Okyere I**, Ihekanandu KK, Bonsu EBO, Kyei I, Mensah S, Adinku MO, Yorke DA, Agyapong AO, Aitpillah FS, Agyei MK, Oppong-Nkrumah NA, Annan KD, Ellis TF, Danso P, Buckman TA, Acheampong E. (2023). A gist on an obscure neoplasm in Ghana: gastrointestinal stromal tumours. BMC Res Notes. 2023 Nov 6;16(1):318. doi:

10.1186/s13104-023-06593-8.

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**ii) Publications Rising From Research Project Undertaken After Last Appointment**

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23. **Okyere, I.,** Okyere, P., Singh, S and Brenu, S. G. (2022). Portacath Implantation in Ghana: Initial Experience at the Komfo Anokye Teaching Hospital in Kumasi.

Clinical medicine insights. Case reports, 15.

<https://doi.org/10.1177/11795476221087910>

24. Ameyaw E, **Okyere I,** Jibril Afaa T, AmeyawR, O. Konney T and Tuah P. (2022). Malaria and Urinary Tract Infections among Children Under five Years with Malnutrition at a District Hospital in Ghana. Tarbiat Modares University, 8 (1):43-51.<https://iem.modares.ac.ir/article-4-56222-en.html>

25. Ameyaw, E., **Okyere, I.,** Ameyaw, R., Konney, T., Ansong, K., Damalie, F and Frimpong, G. (2022). Priapism in a 9-Year-Old Ghanaian Boy with COVID.A Case Report. Translational Research in Urology, 4(1): 4-8. doi: 10.22034/tru.2022.320740.1094

26. Okyere P, **Okyere I,** Ephraim R. K. D., Attakorah J, Essuman G,Abaka-Yawson A. (2021). POS-600 Trends in vascular access types in hemodialysis patients in Ghana, Kidney International Reports, Volume 6, Issue 4, Supplement, 2021, Page S263, ISSN 2468-0249,[https://doi.org/10.1016/j.ekir.2021.03.629.](https://doi.org/10.1016/j.ekir.2021.03.629)

27. OkyereP, **OkyereI,** Ephraim R. K.D., AttakorahJ, EssumanG, Eghan B. (2021). POS-808 ANALYSIS OF TRENDS IN THE MANAGEMENT OF ESRD IN

GHANA, Kidney International Reports, Volume 6, Issue 4, Supplement, 2021, Page S351, ISSN 2468-0249,<https://doi.org/10.1016/j.ekir.2021.03.841.>

28. **Okyere, I.,** Okyere, P., Ameyaw, E., Brenu, S. G., Tamatey, M., & Agyemang Yeboah, F. (2021). Pericardiectomy for constrictive pericarditis in a resource constraint setting. Kardiochirurgia i torakochirurgia polska = Polish journal of cardio-thoracic surgery, 18(3), 165–172.<https://doi.org/10.5114/kitp.2021.109390>

29. **Isaac Okyere** et al. Vascular access for haemodialysis in Ghana: a single centre experience. PAMJ Clinical Medicine. 2021;6(2). 10.11604/pamj- cm.2021.6.2.29276

30. Okyere, P., Ephraim, R.K., **Okyere, I.** et al. (2021). Demographic, diagnostic and therapeutic characteristics of autosomal dominant polycystic kidney disease in Ghana. BMC Nephrol 22, 156 (2021).<https://doi.org/10.1186/s12882-021-02336-8>

31. Singh S, **Okyere I. (**2020). A Ten-Years Review of Palliative Procedures for Congenital Heart Diseases in KATH Kumasi: The Need for a Paradigm Shift in Africa. Dev Anesthetics Pain Manag. 2(1). DAPM. 000528. 2020.DOI: 10.31031/DAPM.2020.02.000528

32. **Okyere, I.,** Singh, S., Okyere, P., Kusi, A. and Brenu, S.G. (2020) Cervical Oesophagotomy and Removal of an Impacted Oesophageal Denture: Case Report and Literature Review. Surgical Science, 11, 177-186. doi:[10.4236/ss.2020.117020.](https://doi.org/10.4236/ss.2020.117020)

33. **Okyere, I.,** Brenu, S. and Okyere, P. (2020) Lifesaving Emergency Sternotomy in Traumatic Cardiac Tamponade in a Teaching Hospital in Ghana: Survival of Two Rare Cases. World Journal of Cardiovascular Surgery, 10, 33-40. doi: [10.4236/wjcs.2020.103005.](https://doi.org/10.4236/wjcs.2020.103005)

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35. **Okyere, I.**, Singh, S., Okyere, P. , Fiifi-Yankson, P. , Farhat, B. and Brenu, S.

(2020) Management of Ruptured Scalp Arteriovenous Malformation: ARare Case and Literature Review. World Journal of Cardiovascular Surgery, 10, 271-278. doi:[10.4236/wjcs.2020.1012029.](https://doi.org/10.4236/wjcs.2020.1012029)

36. **Isaac Okyere,** Sanjeev Singh, Perditer Okyere, Baffoe Gyan, Nana Addo Boateng, et al. (2020). The First Implantation of the Novel Biological Heart Valve, the Inspiris Resilia Aortic Tissue Valve in Africa. Journal of Surgery, 8(4), 136-

139.<https://doi.org/10.11648/j.js.20200804.17>

37. Singh, Sanjeev, **Isaac Okyere** and Deigheidy Ehab Mahrous. “The Effect of Combined Conventional and Modified Ultrafiltration on Mechanical Ventilation and Hemodynamic Changes in Paediatric Congenital Heart Surgery.” (2020).

38. Singh S, Yogesh N., Zanwar and **Okyere I**. (2020). Does Meticulous Blood Glucose Control During Cardiopulmonary Bypass Improves Outcome in Paediatric Patients? EAS J Anesthesiol Crit Care; 2(4):152-159. doi: 10.36349/easjacc. 2020.v02i04.003

39. **Okyere, I.,** Singh, S., Okyere, P., Brenu, S. and Amoabeng, S. (2020) Surgical Management of Herniated Intrathoracic Gastric Perforation in Traumatic Diaphragmatic Rupture: An Unusual Two Rare Cases. Open Journal of Thoracic Surgery, 10, 56-68. doi:[10.4236/ojts.2020.102006.](https://doi.org/10.4236/ojts.2020.102006)

40. Okyere P, **Okyere I,** Kobina Dadzie Ephraim R, Attakorah J, Osafo C, Arhin B, Bachelle S and Abaka-Yawson A. (2020)."Spectrum and Clinical Characteristics of Renal Diseases in Ghanaian Adults: A 13-Year Retrospective Study", International Journal of Nephrology, vol. 2020, Article ID 8967258, 5 pages, 2020.

41. Nyantakyi, R. A., Okyere P, Appiah Boateng E, **OkyereI,** Adjei Osei F, Frimpong Odoom S, Micah F andAttakorah J. (2020). Factors influencing knowledge levels among hypertensive patients receiving treatment at the Komfo Anokye Teaching Hospital in Kumasi, Ghana: a cross-sectional study. African Journal of Current Medical Research, 4(1)[.https://doi.org/10.31191/afrijcmr.v4i1.52](https://doi.org/10.31191/afrijcmr.v4i1.52)

**iii)Contribution To Co-Authored Publications**

|  |  |
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| **SN** | **Article** |
| 1. | Adomako KA, Tamatey MN, Tettey MM, Offei-Larbi G & **Okyere I.** (2023) Malignant Transformation in the Esophagus 25 Years after Esophagectomy for Achalasia: Case Report. Int J Surg Invasive Procedures, 6(3): 226-227. |
| 2. | Yorke J, Brenu SG, Awoonor-Williams R, Tabiri S, Seidu AS, Yamoah FA, Akpaloo J, Der EM, Adjei E, **Okyere I**, Ihekanandu KK, Bonsu EBO, Kyei I, Mensah S, Adinku MO, Yorke DA, Agyapong AO, Aitpillah FS, Agyei MK, Oppong-Nkrumah NA, Annan KD, Ellis TF, Danso P, Buckman TA, Acheampong E. (2023) A gist on an obscure neoplasm in Ghana: gastrointestinal stromal tumours. BMC Res Notes. 2023 Nov 6;16(1):318. doi:  10.1186/s13104-023-06593-8. |
| 3. | Kwarteng Owusu S, Owusu SA, Ofori Nyarko O, Owusu RK, Mahama H, Adjetey ND, Baah B A, **Okyere I**, Syverken J, Ansong D and Zampoli M.(2023). Retrospective review of empyema and parapneumonic effusions in hospitalized children in Ghana. J Pan Afr Thorac Soc 2023;4:131-6 |
| 4. | K A Adomako, M N Tamatey, G Offei-Larbi, L A K Sereboe, **I Okyere**.(2023) Traumatic rupture of anterolateral papillary muscle in a patient with congenital deficiency of left hemi-pericardium: case report, Journal of Surgical Case Reports, Volume 2023, Issue 6, June 2023, rjad274, doi:  [10.1093/jscr/rjad274](https://doi.org/10.1093/jscr/rjad274) |

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| 5. | Tamatey AA, Adomako KA, Offei-Larbi G, **Okyere I**, Ntumy MY (2023). Spontaneous pneumothorax in pregnancy: a case report and literature review. HSI Journal 4 (1):481-484. doi:[10.46829/hsijournal.2023.6.4.1.481-484](https://doi.org/10.46829/hsijournal.2023.6.4.1.481-484) |
| 6. | Tamatey, M., Tettey, M., Edwin, F., Entsua-Mensah, K., Gyan, B., **Okyere, I.,** Adzamli, I., Adomako , K., Offei-Larbi , G., Aniteye , E., Kotei , D., Ofosu- Appiah , E., Amoah , K., Ibrahim, U., Adinku , P, Maishanu , M., Awodi , J., Osei , E., Yao , N., Sereboe , L., & Frimpong-Boateng , K. (2023). A Formula for the Determination of Appropriate Chest Tube Size and Length of Insertion in Children. Postgraduate Medical Journal of Ghana, 12(1), 8–12. |
| 7. | Offei-Larbi, G., Tamatey, M.N., Tettey, M.M., **Okyere, I.** and Adomako, K. (2022). Thrombus Propagation across an Inferior Vena Cava Filter Resulting in Fatal Pulmonary Embolism: A Case Report. World Journal of Cardiovascular Surgery, 12(10): 229-234.  <https://doi.org/10.4236/wjcs.2022.1210020> |
| 8. | Tamatey MN, Tettey MM, Edwin F, Entsua-Mensah K, Gyan B and Okyere I. (2022). A Formula For The Determination Of Appropriate Chest Tube Size And Length Of Insertion In Children. Postgraduate Medical Journal of Ghana, 12 (1), 8-1. |
| 9. | Okyere, P., **Okyere, I.,** Essuman, G., Attakora, J., Serwaa, D., Donkoh, I. E. and Ephraim,R. (2022). Conservative therapy is associated with worse clinical features and biochemical derangements than renal replacement therapy: a retrospective study in Kumasi, Ghana. BMC nephrology, 23(1): 343.  <https://doi.org/10.1186/s12882-022-02951-z> |
| 10. | Singh S, **Okyere I,** Annamalai A and Singh A. (2022). A Study of the Effectiveness of Lidocaine to Treat Severe Pulmonary Vascular Constriction induced by Protamine. Perspectives in Medical Research, 10(0001):11-19. |
| 11. | Singh, S., **Okyere, I.,** Singh, A., Shaifulla, P., Okyere, P. and Boamah, R. (2022). Time To Think of Novel Biomarkers to Detect Perioperative Acute Kidney Injury in Surgical Patients. Egyptian Academic Journal of Biological Sciences. C, Physiology and Molecular Biology, 14(1): 213-229. |
| 12. | P. **Okyere, I.** Okyere, C. Otu-Ansah, J. Attakorah, R. Osei Saahene,A. Kumi, R. Ephraim KD and Osafo C, POS-910. (2022). Television News and official government releases the main source of information on COVID-19 among chronic kidney disease patients in Komfo Anokye Teaching Hospital, Ghana. Kidney International Reports, 7(2):S396. |
| 13. | Okyere P., **Okyere I.,**Attakorah J., Osei saahene R., Essuman G., Serwaa D., Ephraim KD and Osafo C, POS-347.(2022). Prescription pattern among hypertensive and diabetic nephropathy patients in a teaching hospital, Ghana. Kidney International Reports, 7(2): S156-S157.  <https://doi.org/10.1016/j.ekir.2022.01.368.)> |

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| 14. | Wiredu, K and **Okyere I.** (2022)."Brachial Artery Embolectomy in a Polytrauma Patient: A Case Repor. Journal of Cardiovascular Emergencies, 8(1): 20-23.<https://doi.org/10.2478/jce-2022-0003> |
| 15. | Owusu, S. K., Owusu, S. A., Mahama, H., **Okyere, I.,** Adjetey, N., Martey, E and Owusu, R. K. (2022). Empyema and Parapneumonic effusions in children admitted to a teaching hospital in Ghana. A retrospective review. African Journal of Current Medical Research, 5(1).  <https://doi.org/10.31191/AFRIJCMR.V5I1.87> |
| 16. | Singh LC, Singh S, **Okyere I**, Annamalai A and Singh A. (2022). Comparison of effectiveness and safety of epsilon-aminocaproic acid and tranexamic acid in adult patients undergoing cardiac surgery. Journal of Medical Society, 36(2):52-59. |
| 17. | Okyere, P., **Okyere, I.,** Essuman, G., Attakora, J., Serwaa, D., Donkoh, I. E and Ephraim, R. K. D. (2022). Conservative therapy is associated with worse clinical features and biochemical derangements than renal replacement therapy: a retrospective study in Kumasi, Ghana. BMC nephrology, 23(1), 343.  <https://doi.org/10.1186/s12882-022-02951-z> |
| 18. | Singh S, Shaifulla P, Singh A and **Okyere I. (**2022). The effect of BIS usage on anaesthetic agent consumption in high-risk patients for coronary artery bypass grafting off-pump surgery. Hamdan Medical Journal,15(4):187-194. |
| 19. | Singh S, **Okyere I**., and Singh A. (2022). Paediatric cardiac anaesthesia perspective in komfo anokye teaching hospital, Kumasi: A 10-year review. Nigerian Journal of Medicine.31(2):202-207. |
| 20. | Ameyaw E, **Okyere I,** Jibril Afaa T, Ameyaw R, O. Konney T and Tuah P. (2022). Malaria and Urinary Tract Infections among Children Under five Years with Malnutrition at a District Hospital in Ghana. Tarbiat Modares University, 8 (1):43-51.<http://iem.modares.ac.ir/article-4-56222-en.html> |
| 21. | Ameyaw, E., **Okyere, I**., Ameyaw, R., Konney, T., Ansong, K., Damalie, F and Frimpong, G. (2022). Priapism in a 9-Year-Old Ghanaian Boy with COVID.A Case Report. Translational Research in Urology, 4(1): 4-8. doi:  10.22034/tru.2022.320740.1094 |
| 22. | Okyere P, **Okyere I,** Ephraim R. K. D., Attakorah J, Essuman G, Abaka- Yawson A. (2021). POS-600 Trends in vascular access types in hemodialysis patients in Ghana, Kidney International Reports, Volume 6, Issue 4, Supplement, 2021, Page S263, ISSN 2468-0249, |
| 23. | Okyere P, **Okyere I,** Ephraim R. K.D., Attakorah J, Essuman G, Eghan B. (2021). POS-808 Analysis Of Trends In The Management Of ESRD In Ghana, Kidney International Reports, Volume 6, Issue 4, Supplement, 2021, Page S351, ISSN 2468-0249, |
| 24. | Okyere, P., Ephraim, R.K., **Okyere, I.** et al. (2021). Demographic, diagnostic and therapeutic characteristics of autosomal dominant polycystic kidney disease in Ghana. BMC Nephrol 22, 156 (2021). |

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| 25. | Singh S, **Okyere I. (**2020). A Ten-Years Review of Palliative Procedures for Congenital Heart Diseases in KATH Kumasi: The Need for a Paradigm Shift in Africa. Dev Anesthetics Pain Manag. 2(1). DAPM. 000528. 2020.DOI: 10.31031/DAPM.2020.02.000528 |
| 26. | Singh, Sanjeev, ***Isaac Okyere*** and Deigheidy Ehab Mahrous. “The Effect of Combined Conventional and Modified Ultrafiltration on Mechanical Ventilation and Hemodynamic Changes in Paediatric Congenital Heart Surgery.” (2020). |
| 27. | Singh S, Yogesh N., Zanwar and **Okyere I.** (2020). Does Meticulous Blood Glucose Control During Cardiopulmonary Bypass Improves Outcome in Paediatric Patients? EAS J Anesthesiol Crit Care; 2(4):152-159. doi:  10.36349/easjacc. 2020.v02i04.003 |
| 28. | Okyere P, **Okyere I,** Kobina Dadzie Ephraim R, Attakorah J, Osafo C, Arhin B, Bachelle S and Abaka-Yawson A. (2020). Spectrum and Clinical Characteristics of Renal Diseases in Ghanaian Adults: A 13-Year Retrospective Study, International Journal of Nephrology, vol. 2020, Article ID 8967258, 5 pages, 2020. |
| 29. | Nyantakyi, R. A., Okyere P, Appiah Boateng E, **Okyere I**, Adjei Osei F, Frimpong Odoom S, Micah F and Attakorah J. (2020). Factors influencing knowledge levels among hypertensive patients receiving treatment at the Komfo Anokye Teaching Hospital in Kumasi, Ghana: a cross-sectional study. African Journal of Current Medical Research, 4(1). |

**iv) Journals In Which Papers Are Published Since Last Promotion**

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| **SN** | **Journal** | **Publisher** |
| 1. | Postgraduate Medical Journal of Ghana | Ghana College of Physicians and  Surgeons (GCPS) |
| 2. | Ghana Medical Journal | Ghana Medical Association |
| 3. | The Pan African Medical Journal | The Pan African Medical Journal |
| 4. | International Journal of Nephrology | Wiley Online Library |
| 5. | African Journal of Current Medical Research | African Current Medical Research  Limited |
| 6. | EAS journal of anaesthesiology and critical care | East African Scholars Publisher,  Kenya |
| 7. | Nigerian journal of medicine | Medknow Publications /Wolters  Kluwer Health |

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| 8. | Egyptian Academic Journal of Biological Sciences. | Egyptian Society of Biological Sciences |
| 9. | Journal of Medical Society | Wolters Kluwer Health |
| 10. | Kardiochirurgia i Torakochirurgia Polska/Polish Journal of Thoracic and Cardiovascular Surgery | Termedia Publishing House Ltd. |
| 11. | BMC nephrology | Springer Nature |
| 12. | Afr. Ann Thorac. Cardiovasc. Surg. | The African Association of Thoracic and Cardio-Vascular Surgeons |
| 13. | Open Journal of Thoracic Surgery | Scientific Research Publishing Inc. |
| 14. | Journal of Surgical Case Reports | Oxford University Press |
| 15. | Transl Res Urol | [Tehran University of Medical Sciences](https://journals.tums.ac.ir/en) |
| 16. | Health Sciences Investigations Journal | University of Ghana, College of Health Sciences |
| 17. | Clinical Medicine Insights | Sage Journals |
| 18. | Infection Epidemiology and Microbiology | Tarbiat Modares University Journals System |
| 19. | Kidney International Reports | The International Society of  Nephrology |
| 20. | PAMJ-Clinical Medicine | PAMJ-Clinical Medicine/African Association of Nephrology |
| 21. | Current Topics in Medicine and Medical Research | BP International |
| 22. | Journal of Surgery | SciencePG, Science Publication Group |
| 23. | Surgical Science | Scientific Research Publishing Inc. |
| 24. | World Journal of Cardiovascular Surgery | Scientific Research Publishing Inc. |

**v) Continuous Professional Education**

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| **SN** | **Activity** | **Venue** | **Date** |
| 1. | 64th Annual General Meeting and  Scientific Conference of West African College of Surgeons | Freetown, Sierra  Leone. | *4th - 7th March,*  *2024*. |
| 2. | Ghnpter , the West African College of Physicians | Golden Bean Hotel, Kumasi | 2023 |

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| **3.** | Online Executive Leadership Dvelopment by KNUST | IDL,  KNUST/Webinar. | | *9th to11th May , 2023 and 16th - 18th May, 2023.* | |
| **4.** | Grant Writing Workshop: Association of Academic Surgeons Annual  Conference | Houston, Texas,  USA*.* | | *February 5-6, 2023,* | |
| **5.** | 10th Biennial Scientific Conference of  the College of Health Sciences ,KNUST. | KNUST School of  Business. | | 27th-28th September  2023, | , |
| **6.** | 9th Biennial Scientific Conference,  College of Health Sciences, KNUST. | KNUST School of  Business. | | *29th -30th*  *September, 2021,* | |
| 7. | *10th Summer School.* | GREAT HALL,  KNUST. | | 2023 | |
| 8. | *9th Summer School.* | GREAT HALL, KNUST | | 2021 | |
| **9.** | Pediatric and Congenital Heart Surgery (AAPCHS) and African Association of Thoracic and  Cardiovascular and Surgeons ( AATCVS) Conference , | Radisson Blu Hotel, | | 30th November to  1st December  2023, | |
| Abidjan Airport Cote D’voire. | , |
| **10.** | 8th World Congress of Pediatric  Cardiology and Cardiac Surgery. **.** | The Walter E.  Washington  Convention Center  ,Washington, D.C.,  USA | | August 27 –  September 1,  2023, | |
| **11.** | Association of Academic Surgeons Annual Conference | Houston,Texas ,USA | | February 7-9, 2023 | |
| **12.** | 63rd Annual General Meeting &  Scientific Conference of the West  African College of Surgeons (WACS), | Lome, Togo. | | 20th – 24th March  2023. | |
| **13.** | Virtual Training of Trainers (TOT): Faculty of Surgery, West African  College of Surgeons. | WACS , ABUJA, NIGERIA(Webinar) | | *January 30th - 31st , 2023.* | |
| **14.** | First EVSS Regional Conference  **(2023)**. | Intercontinental  Hotel, Dubai, United  Arab Emirates. | | 7th to 8th  January, 2023, | |

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| **15.** | 62nd Annual General Meeting &  Scientific Conference of the West  African College of Surgeons (WACS), | Monrovia, Liberia. | *21st - 24th March 2022,* | |
| **16.** | College of Health Sciences Continous Professional Development on Stress and Anxiety in Academia; | College of Health Sciences , KNUST. | *2nd March ,2022.* | |
| **17.** | A One day Flagship Leadership Coaching Conference by  LEARN2LEAD ACADEMY | Mckeown Temple,  Church of Pentecost,  Asokwa, Kumasi,  Ghana: | *20th July 2021* | |
| **18.** | Professor Robert Anderson Webinar with Diane Spicer ,PA(ASCD) and Dr Adrian Crucean: The Development of the Atrial Chambers , | Webinar. | *24th September 2021.* | *,* |
| **19.** | North American Centre for Continuing  Medical Education : Multidisciplinary Management of Chronic Kidney  Disease : Perspectives from Europe and Canada, | Webinar | 2021 | |
| **20.** | Maiden Child Health Department,  KNUST/KATH Research Dissemination Day. | Golden Bean Hotel,  Kumasi. | *26th November, 2021* | |
| **21.** | West Africa Built Environment  Research Centre Workshop on***:***  Research Philosophies, Approaches, and Strategies, | Weber Conference. | *22nd -23rd July,*  *2021*. | |
| **22.** | 61st Annual General Meeting & Scientific Conference of the West  African College of Surgeons (WACS), ***.*** | Cotonou, Republic of  Benin. | *14th -26th June, 2021* | |
| **23.** | Annual Meeting of the American Association for Thoracic Surgery | Virtual Participant. | *April 30th to May*  *2, 2021.* | |
| **24.** | Ghana Medical Journal Authors ’ Workshop. | Virtual Participant. | 2021 | |
| **25.** | 101th Annual Meeting of the American Association of Thoracic Surgeons | Online participant , Beverly, MA, USA. | 2021 | |

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| **26.** | Investigations in Surgery; West African College of Surgeons, | Webinar. | *16th-17th*  *September ,2020.* |
| **27.** | Training for Ghana Electronic  Procurement System (GHANEPS), | Miklin Hotel,  Kumasi. | 2020. |

**4. EXHIBITIONS**

*i. Posters Exhibited at conferences/Published Posters*

1. **Okyere I,** Brenu S.G., Okyere P:(2023). Saving lives of patients with impalement injury of the chest in a resource limited centre.10th Bennial Scientific Conference of the College of Health Sciences, KNUST. KNUST SCHOOL OF BUSINESS, 27th-28th September, 2023. ***Proceedings: Page 23***

2. **OkyereI*,*** Singh S and Fynn-Thompson F: ***Board # 3225*** (2023). Congenital Cardiac Surgery in Africa: The Boston Children’s Hospital Experience in Ghana. 8th World Congress of Pediatric Cardiology and Cardiac Surgery, the Walter E. Washington Convention Center, Washington, D.C., USA, August 27 – September 1, 2023.

3. Okyere, P**., Okyere, I.,** Otu-Ansah, C., Attakorah, J., Saahene, R. O., Kumi, A., ... & Osafo, C. (2022). POS-910 Television News and official government releases the main source of information on COVID-19 among chronic kidney disease patients in Komfo Anokye Teaching Hospital, Ghana. *Kidney International Reports*, *7*(2), S396. - (International Society of Nephrology (ISN), World Congress of Nephrology (WCN), Malaysia, 2022.

4. Okyere, P., **Okyere, I.,** Attakorah, J., Essuman, G., Serwaa, D., KD, R. E., & Osafo, C. (2022). POS-347. Prescription pattern among hypertensive and diabetic nephropathy patients in a teaching hospital, Ghana. *Kidney International Reports*, *7*(2), S156-S157 - (ISN, WCN, 2022)

5. Okyere, P**, Okyere, I.,** Ephraim, R. K. D., Attakorah, J., Essuman, G., & Eghan, B. (2021). POS-808 Analysis of trends in the management of ESRD in Ghana. *Kidney International Reports*, *6*(4), S351.- (ISN April, 2021 Canada)

6. Okyere, P., **Okyere, I*.***, Ephraim, R. K. D., Attakorah, J., Essuman, G., & Abaka-Yawson, A. (2021). POS-600 Trends in vascular access types in hemodialysis patients in Ghana. *Kidney International Reports*, *6*(4), S263. - (ISN April, 2021 Canada)

7. **Okyere, I.,** Singh, S., Ameyaw, E., Okyere, P., Yeboah, F. A., Brenu, S. G., & Tamatey, M. (2022). Emergency Thoracic Surgery in Chest Trauma at the Komfo Anokye Teaching Hospital in Ghana: The Role of Sternotomy and Thoracotomy. *Postgraduate Medical Journal of Ghana*, *11*(1), 42-49.- PO19 9th Biennial Scientific Conference of the College of Health Sciences ...2 days programme 29th to 30th, September 2021 No.11

8. Okyere, P., **Okyere, I.,** Ephraim, R. K. D., Attakorah, J., Osafo, C., Arhin, B., ... & Abaka-Yawson, A. (2020). Spectrum and clinical characteristics of renal diseases in ghanaian adults: a 13-year retrospective study. *International journal of nephrology*, *2020*. - (ISN, WCN,2019 Australia).

9. Okyere, P.***,* Okyere, I.,** Yaw, F. M., & Osafo, C. (2019). MON-266 Pattern of Renal Diseases At Komfo Anokye Teaching Hospital, Kumasi-Ghana: A 13- Year Review. *Kidney International Reports*, *4*(7), S408.

**5. CONFERENCES /SEMINARS AND WORKSHOPS AT WHICH PAPERS WERE READ**

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| **SN** | **Conferences /Seminars/ Workshops** | **Paper(s) Read** | **Date** |
| **1.** | ***Okyere I. (2024).*** *64th Annual General Meeting and Scientific Conference of West African*  *College of Surgeons,* ***Freetown, Sierra Leone,*** | **1.** Pigtail catheter for pleural  drainage using the modified  Seldinger technique, a less  invasive alternative to tube  thoracostomy: Initial experience in Ghana. | *4th - 7th*  *March*  *2024, Page*  *39* |
| ***2.*** Rare cardiovascular and  thoracic surgery case series at the Komfo Anokye Teaching  Hospital, Kumasi - Ghana. |
| **3.** Experience of catheter pericardiocentesis for  pericardial effusion at the Komfo Anokye Teaching Hospital, Kumasi-Ghana. |
| **2.** | ***Okyere I. (2023).*** *Pediatric and Congenital Heart Surgery*  *(AAPCHS) and African*  *Association of Thoracic and*  *Cardiovascular and Surgeons (AATCVS) Conference, 2023, Radisson Blu Hotel,* ***Abidjan Airport, Cote D’voire.*** | **1.** Congenital Heart Surgery in Developing Countries;  Management and Outcomes : African Centres Experience. | *30th*  *November*  *to 1st*  *December* |
| **2.** Congenital Heart Surgery in Developing Countries;  Comments and Contributions from Cardiac Surgeons in  AATCVS Database Implementation. |
| **3.** | ***P029 Okyere I,*** Brenu S.G., Okyere P:(2023). *10th Bennial Scientific Conference of the*  *College of Health Sciences, KNUST. KNUST School of Business,* | Saving lives of patients with  impalement injury of the chest in a resource limited centre. | *27th-28th*  *September,*  *2023.*  *Proceeding*  *s of :Page*  *23* |
| **4.** | ***Okyere I,*** Singh S and Fynn-  Thompson F: (2023). *8th World*  *Congress of Pediatric Cardiology and Cardiac Surgery. at the*  *Walter E. Washington* | Congenital Cardiac Surgery in Africa: The Boston Children’s  Hospital Experience in Ghana. | *August 27 -*  *September*  *1, 2023.* |

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|  | *Convention Center, Washington****,***  ***D.C., USA.*** |  |  |
| **5.** | ***Okyere I. (2023).*** *Academic Surgical Congress (ASC),*  ***Houston, Texas, USA.*** | **26.04** Pericardiectomy for  Constrictive Pericarditis in a Resource Constraint Setting. | *February 7- 9, 2023:* |
| **6.** | ***Okyere I.*** *(2023). 63rd Annual General Meeting &Scientific*  *Conference of the West African College of Surgeons (WACS), Lome****, Togo.*** | **1.** Surgery of impalement injury  of the chest in a resource limited centre. | *20th - 24th*  *March*  *2023,*  *Proceeding*  *s of: Page*  *26, 30* |
| **2.** Update of the Experience of the first implantation of the  novel biological heart valve, the Inspiris Resilia aortic tissue  valve in Africa. |
| **3.** Surgical management of  arteriovenous malformation at the Komfo Anokye Teaching  Hospital, Ghana. |
| **7.** | ***Okyere I.*** (2022). *62nd Annual General Meeting &Scientific*  *Conference of the West African College of Surgeons (WACS), Monrovia****, Liberia.*** | **1.** Congenital heart surgery in Ghana: the experience of  Kumasi, Ghana. | *21st - 24th*  *March*  *2022,*  *Proceeding*  *s of : Page*  *28* |
| **2.** Successful surgical  management of intralobar pulmonary sequestration in Ghana. |
| **3.** Open surgical retrieval of  rare aerodigestive tract foreign bodies in Kumasi, Ghana. |
| **8.** | ***Okyere I.*** *(2021). 61st Annual General Meeting & Scientific Conference of the West African College of Surgeons (WACS),*  ***Cotonou, Republic of Benin.*** | **1.** Surgical management of traumatic diaphragmatic  rupture: Ten-year experience at the Komfo Anokye Teaching  Hospital, Kumasi. | *14th -26th*  *June, 2021,*  *Proceeding*  *s of :Page*  *73,78, 82,* |
| **2.** Pericardiectomy for  constrictive pericarditis in a resource constraint setting. |

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| **3.** Emergency Thoracic Surgery in Chest Trauma at the Komfo Anokye Teaching Hospital in  Ghana: The Role of Sternotomy and Thoracotomy. |
| **4.** Vascular Access for  Haemodialysis in Ghana: A Single Centre Experience. |
| **5.** Portacath Implantation in Ghana: Initial Experience at the Komfo Anokye Teaching Hospital, Kumasi. |
| **9.** | ***Okyere I.,*** Singh S., Ameyaw E., Okyere P. (2021). *9th*  *Biennial Scientific Conference, College of Health Sciences,*  *KNUST @* ***KNUST School of Business, Kumasi, Ghana.*** | **1. PO19:** Emergency Thoracic  Surgery in Chest Trauma at the  Komfo Anokye Teaching  Hospital in Ghana: Role of  Sternotomy and Thoracotomy. | *29th -30th*  *September,*  *2021,*  *Proceeding*  *s of : Page*  *109 ,51,50.* |
| **2.** Vascular Access for  Haemodialysis in Ghana: A Single Centre Experience. |
| **3.** Surgical Management of  Traumatic Diaphragmatic  Rupture: Ten -year Experiecne at the Komfo Anokye Teaching Hospital, Kumasi. |
| **10.** | ***Okyere I.*** *(2020). 60th Annual General Meeting and Scientific Conference of the West African College of Surgeons (WACS),*  ***Abuja, Nigeria.*** | **1.** Surgical Management of  Traumatic Diaphragmatic  Rupture: Ten-year Experience at the Komfo Anokye Teaching Hospital, Kumasi, Ghana. | *17th -20th*  *February,*  *2020.*  *Proceeding*  *s of: Page*  *37. 47* |
| **2.** Emergency Thoracic Surgery in Chest Trauma in a Teaching Hospital in Ghana: 5-year  review of the Role of  Sternotomy and Thoracotomy. |

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|  |  | **3.** Management of Thoracic  Impalement Injury in Ghana: A Five-Year Experience at the  Komfo Anokye Teaching Hospital. |  |
| **4.** Transition from  Humanitarian Open Heart Surgery Mission to Local  Independent Heart Surgery Service: The case of Komfo Anokye Teaching Hospital, Kumasi-Ghana. |
| **11.** | ***Okyere I.****(2019)* .The James Cook University Hospital  Marton Road,  Middlesbrough,Ts4, 3Bw, **UK.** | The Heart Beat of Kumasi. The Ghanaian Cardiac Team South Tees Research Innovation on  Education. | 23rd  September  2019, |
| ***Total Number of Papers Presented at Conferences / Seminars /Workshops*** | | | **27** |

**6. LIST OF ALL OTHER PUBLICATIONS**

**i) Books Chapters With Exact References**

1. **Isaac Okyere** and Perditer Okyere, (2020). Open Thoracic Surgery for Removal of a Two-Year Old Impacted Esophageal Coin and Literature Update. Current Topics in Medicine and Medical Research Vol. 8. Book Publisher International. (Ed.). Khadiga Ahmed Ismail Eltris. Print ISBN: 978-93-90431-87-8, eBook ISBN: 978-93-90431-92-2, 101-109, Doi.<https://doi.org/10.9734/bpi/ctmamr/v8>

2. **Isaac Okyere** and Perditer Okyere, (2020). Removal of an Impacted Oesophageal Denture through Transcervical Oesophagotomy and Literature Review. Current Topics in Medicine and Medical Research Vol. 8. Book Publisher International. (Ed.). Khadiga Ahmed Ismail Eltris. Print ISBN: 978-93-90431-87-8, eBook ISBN: 978-93-90431-92-2,110-118.Doi.<https://doi.org/10.9734/bpi/ctmamr/v8>

3. **Isaac Okyere** and Perditer Okyere, (2020). Reporting Two Rare Cases of Surgical Management of Herniated Intrathoracic Gastric Perforation in Traumatic Diaphragmatic Rupture. Current Topics in Medicine and Medical Research Vol. 8. Book Publisher International. (Ed.). Khadiga Ahmed Ismail Eltris. Print ISBN:

978-93-90431-87-8, eBook ISBN: 978-93-90431-92-2,119-130, Doi.

<https://doi.org/10.9734/bpi/ctmamr/v8>

**ii) Published Conference Abstracts With Exact References**

1. **Okyere I*. (2024).*** Pigtail catheter for pleural drainage using the modified Seldinger technique, a less invasive alternative to tube thoracostomy: Initial experience in Ghana. *Proceedings of: 64th Annual General Meeting and Scientific Conference of West African College of Surgeons, Freetown, Sierra Leone, 4th – 7th, March 2024, Page 39*

2. **Okyere I*. (2024)*.** Rare cardiovascular and thoracic surgery case series at the Komfo Anokye Teaching Hospital, Kumasi - Ghana. *Proceedings of: 64th Annual General Meeting and Scientific Conference of West African College of Surgeons, Freetown, Sierra Leone, 4th – 7th, March 2024, Page 39*

3. **Okyere I. (*2024).*** Experience of catheter pericardiocentesis for pericardial effusion at the Komfo Anokye Teaching Hospital, Kumasi-Ghana.

*Proceedings of: 64th Annual General Meeting and Scientific Conference of West African College of Surgeons, Freetown, Sierra Leone, 4th – 7th, March 2024, Page 39*

4. **Okyere I*. (2023).*** Congenital Heart Surgery in Developing Countries; Management and Outcomes: African Centres Experience.*Proceedings of: Pediatric and ongenital Heart Surgery (AAPCHS) and African Association of Thoracic and Cardiovascular and Surgeons (AATCVS) Conference, 30th November to 1st December 2023, Radisson Blu Hotel, Abidjan Airport, Cote D’voire.*

5. **Okyere I. *(2023).*** Congenital Heart Surgery in Developing Countries; Comments and Contributions from Cardiac Surgeons in AATCVS Database Implementation. *Proceedings of: Pediatric and ongenital Heart Surgery (AAPCHS) and African Association of Thoracic and Cardiovascular and Surgeons (AATCVS) Conference, 30th November to 1st December 2023, Radisson Blu Hotel, Abidjan Airport, Cote D’Ivoire.*

6. ***P029* Okyere I,** Brenu S.G., Okyere P**:(2023).** Saving lives of patients with impalement injury of the chest in a resource limited centre. *Proceedings of :10th Bennial Scientific Conference of the College of Health Sciences, KNUST.27th-28th September, 2023, KNUST SCHOOL OF BUSINESS, Page 23*

7. **Okyere I,** Singh S and Fynn-Thompson F: **(2023)**. Congenital Cardiac Surgery in Africa: The Boston Children’s Hospital Experience in Ghana.

*Proceedings of: 8th World Congress of Pediatric Cardiology and Cardiac Surgery.August 27 – September 1, 2023, at the Walter E. Washington Convention Center, Washington, D.C., USA:*

8. **Okyere I. *(2023).* 26.04** Pericardiectomy for Constrictive Pericarditis in a Resource Constraint Setting. *Proceedings of: Academic Surgical Congress (ASC), Houston, Texas from February 7-9, 2023:*

9. **Okyere I*. (2023).*** Surgery of impalement injury of the chest in a resource limited centre. *Proceedings of: 63rd Annual General Meeting &Scientific Conference of the West African College of Surgeons (WACS), 20th – 24th March 2023, Lome, Togo, Page 30*

10.**Okyere I*. (2023).*** Update of the Experience of the first implantation of the novel biological heart valve, the Inspiris Resilia aortic tissue valve in Africa.

*Proceedings of: 63rd Annual General Meeting &Scientific Conference of the West African College of Surgeons (WACS), 20th - 24th March 2023, Lome, Togo, Page 30*

11.**Okyere I. *(2023)*.** Surgical management of arteriovenous malformation at the Komfo Anokye Teaching Hospital, Ghana. *Proceedings of: 63rd Annual General Meeting &Scientific Conference of the West African College of Surgeons (WACS), 20th - 24th March 2023, Lome, Togo, Page 26*

12.**Okyere I. (2022).** Congenital heart surgery in Ghana: the experience of Kumasi, Ghana. *Proceedings of: 62nd Annual General Meeting &Scientific Conference of the West African College of Surgeons (WACS), 21st - 24th March 2022, Monrovia, Liberia, Page 28*

13.**Okyere I. (2022*).*** Successful surgical management of intralobar pulmonary sequestration in Ghana. *Proceedings of: 62nd Annual General Meeting &Scientific Conference of the West African College of Surgeons (WACS), 21st - 24th March 2022, Monrovia, Liberia, Page 28*

14.**Okyere I*. (2022).*** Open surgical retrieval of rare aerodigestive tract foreign bodies in Kumasi, Ghana. *Proceedings of: 62nd Annual General Meeting &Scientific Conference of the West African College of Surgeons (WACS), 21st - 24th March 2022, Monrovia, Liberia, Page 28*

15.**Okyere I. *(2021).*** Surgical management of traumatic diaphragmatic rupture: Ten-year experience at the Komfo Anokye Teaching Hospital, Kumasi: *Proceedings of: 61st Annual General Meeting & Scientific Conference of the West African College of Surgeons (WACS), Cotonou, Republic of Benin ,14th -26th June, 2021, Page 73*

16.**Okyere I*. (2021).*** Pericardiectomy for constrictive pericarditis in a resource constraint setting. *Proceedings of: 61st Annual General Meeting & Scientific Conference of the West African College of Surgeons (WACS), Cotonou, Republic of Benin ,14th -26th June, 2021, Page 73*

17.**Okyere I*. (2021).*** Emergency Thoracic Surgery in Chest Trauma at the Komfo Anokye Teaching Hospital in Ghana: The Role of Sternotomy and Thoracotomy: *Proceedings of: 61st Annual General Meeting & Scientific Conference of the West African College of Surgeons (WACS), Cotonou, Republic of Benin ,14th -26th June, 2021, Pge 78:*

18.**Okyere I*. (2021).*** Vascular Access for Haemodialysis in Ghana: A Single

]Centre Experience: *Proceedings of : 61st Annual General Meeting & Scientific Conference of the West African College of Surgeons (WACS), Cotonou, Republic of Benin ,14th -26th June, 2021, Page 82*

19.**Okyere I. *(2021).*** Portacath Implantation in Ghana: Initial Experience at the Komfo Anokye Teaching Hospital, Kumasi: *61st Annual General Meeting & Scientific Conference of the West African College of Surgeons (WACS), Cotonou, Republic of Benin ,14th -26th June, 2021, Page 82*

20.**Okyere I.,** Singh S., Ameyaw E., Okyere P. **(2021)**. PO19: Emergency Thoracic Surgery in Chest Trauma at the Komfo Anokye Teaching Hospital in Ghana: Role of Sternotomy and Thoracotomy. *Proceedings of 9th Biennial Scientific Conference, College of Health Sciences, KNUST.29th -30th September, 2021, KNUST School of Business, Kumasi, Ghana, Page 109*

21.**Okyere I.,** Okyere P**. (2021).** Vascular Access for Haemodialysis in Ghana: A Single Centre Experience. *Proceedings of 9th Biennial Scientific Conference, College of Health Sciences, KNUST.29th -30th September, 2021, KNUST School of Business, Kumasi, Ghana, Page 51*

22.**Okyere I.,** Mensah S.K., Okyere P**. (2021).** Surgical Management of Traumatic Diaphragmatic Rupture: Ten -year Experience at the Komfo Anokye Teaching Hospital, Kumasi. *Proceedings of 9th Biennial Scientific Conference, College of Health Sciences, KNUST.29th -30th September, 2021, KNUST School of Business, Kumasi, Ghana, Page 50*

23.**Okyere I. *(2020).*** Surgical Management of Traumatic Diaphragmatic Rupture: Ten-year Experience at the Komfo Anokye Teaching Hospital, Kumasi, Ghana. *Proceedings of 60th Annual General Meeting and Scientific Conference of the West African College of Surgeons (WACS), Abuja, Nigeria, 17th -20th February, 2020. Page 37.*

24.**Okyere I*. (2020).*** Emergency Thoracic Surgery in Chest Trauma in a Teaching Hospital in Ghana: 5-year review of the Role of Sternotomy and Thoracotomy. *Proceedings of Proceedings of: 60th Annual General Meeting and Scientific Conference of the West African College of Surgeons (WACS), Abuja, Nigeria, 17th -20th February, 2020. Page 47*

25.**Okyere I. *(2020).*** Management of Thoracic Impalement Injury in Ghana: A Five-Year Experience at the Komfo Anokye Teaching Hospital. *Proceedings of: 60th Annual General Meeting and Scientific Conference of the West African College of Surgeons (WACS), Abuja, Nigeria, 17th -20th February, 2020. Page 47.*

26.**Okyere I. *(2020).*** Transition from Humanitarian Open Heart Surgery Mission to Local Independent Heart Surgery Service: The case of Komfo Anokye Teaching Hospital, Kumasi-Ghana. *Proceedings of: 60th Annual General Meeting and Scientific Conference of the West African College of Surgeons (WACS), Abuja, Nigeria, 17th -20th February, 2020. Page 47.*

27.**Okyere I*. (2019).* Guest Speaker.** The Heart Beat of Kumasi. The Ghanaian Cardiac Team ,23rd September 2019, South Tees Research Innovation on Education. The James Cook University Hospital Marton Road, Middlesbrough, Ts4, 3Bw, UK.

28.Okyere, P., **Okyere, I.,** Otu-Ansah, C., Attakorah, J., Saahene, R. O., Kumi, A., ... & Osafo, C. (2022). POS-910 Television News and official government releases the main source of information on COVID-19 among chronic kidney disease patients in Komfo Anokye Teaching Hospital, Ghana. *Kidney International Reports*, *7*(2), S396. - (International Society of Nephrology (ISN), World Congress of Nephrology (WCN), Malaysia, 2022)

29.Okyere, P., **Okyere, I.,** Attakorah, J., Essuman, G., Serwaa, D., KD, R. E., & Osafo, C. (2022). POS-347. Prescription pattern among hypertensive and diabetic nephropathy patients in a teaching hospital, Ghana. *Kidney International Reports*, *7*(2), S156-S157 - (ISN, WCN, 2022)

30.Okyere, P., **Okyere, I.,** Ephraim, R. K. D., Attakorah, J., Essuman, G., & Eghan, B. (2021). POS-808 Analysis of trends in the management of ESRD in Ghana. *Kidney International Reports*, *6*(4), S351.- (ISN April, 2021 Canada)

31.Okyere, P., **Okyere, I.,** Ephraim, R. K. D., Attakorah, J., Essuman, G., & Abaka-Yawson, A. (2021). POS-600 Trends in vascular access types in hemodialysis patients in Ghana. *Kidney International Reports*, *6*(4), S263. - (ISN April, 2021 Canada)

32.Okyere, P., **Okyere, I.,** Ephraim, R. K. D., Attakorah, J., Osafo, C., Arhin, B., & Abaka-Yawson,A. (2020). Spectrum and clinical characteristics of renal diseases in ghanaian adults: a 13-year retrospective study. *International journal of nephrology*, *2020*. - (ISN, WCN,2019 Australia).

33.Okyere, P., **Okyere, I.,** Yaw, F. M., & Osafo, C. (2019). MON-266 Pattern of Renal Diseases at Komfo Anokye Teaching Hospital, Kumasi-Ghana: A 13- Year Review. *Kidney International Reports*, *4*(7), S408.

***iii) Online/Media/Publications of Some of My Activities***

[1. https://www.myjoyonline.com/knust-medical-scientists-successfully-carry-out-](https://www.myjoyonline.com/knust-medical-scientists-successfully-carry-out-first-implantation-of-novel-biological-heart-valve-in-africa/) [first-implantation-of-novel-biological-heart-valve-in-africa/](https://www.myjoyonline.com/knust-medical-scientists-successfully-carry-out-first-implantation-of-novel-biological-heart-valve-in-africa/)

[2. https://www.wcpccs2023.org/event/1da8563e-0f65-486c-88df-](https://www.wcpccs2023.org/event/1da8563e-0f65-486c-88df-70c3db431af5/websitePage:f3433ae0-cdc1-47f9-bfa9-9fdc490f09d9) [70c3db431af5/websitePage:f3433ae0-cdc1-47f9-bfa9-9fdc490f09d9](https://www.wcpccs2023.org/event/1da8563e-0f65-486c-88df-70c3db431af5/websitePage:f3433ae0-cdc1-47f9-bfa9-9fdc490f09d9)

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[10. https://www.linkedin.com/feed/update/urn:li:activity:6577642566072836097/?orig](https://www.linkedin.com/feed/update/urn:li:activity:6577642566072836097/?originTrackingId=sgn29x%2FFSWq%2FxUX1ZX%2F5LQ%3D%3D) [inTrackingId=sgn29x%2FFSWq%2FxUX1ZX%2F5LQ%3D%3D](https://www.linkedin.com/feed/update/urn:li:activity:6577642566072836097/?originTrackingId=sgn29x%2FFSWq%2FxUX1ZX%2F5LQ%3D%3D)

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[18. https://www.businessghana.com/site/news/General/170720/Chinese%20medical%](https://www.businessghana.com/site/news/General/170720/Chinese%20medical%20team%20performs%20free%20open%20heart%20surgery%20at%20KATH) [20team%20performs%20free%20open%20heart%20surgery%20at%20KATH](https://www.businessghana.com/site/news/General/170720/Chinese%20medical%20team%20performs%20free%20open%20heart%20surgery%20at%20KATH)

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***iv) Selected Articles For External Assessment***

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| **SN** | **Title of Selected Publications Since Last Promotion** | **Weighting** |
| *1.* | Yorke J, Brenu SG, Awoonor-Williams R, Tabiri S, SeiduAS, Yamoah FA,Akpaloo J, Der EM, Adjei E, **Okyere I**, et al.  (2023). A gist on an obscure neoplasm in Ghana: gastrointestinal stromal tumours. *BMC Res Notes* **16**, 318 (2023).  [https://doi.org/10.1186/s13104-023-06593-8.](https://doi.org/10.1186/s13104-023-06593-8)  ***My Contribution: I was involved in the literature review, first draft and final draft. Percentage contribution.*** | 10 |
| *2.* | Kwarteng Owusu S., Owusu S. A, Ofori Nyarko O., Owusu R. K, Mahama H, Adjetey N. D, Baah B. A, **Okyere I*,*** Syverken J, Ansong D. et al. (2023). Retrospective review of empyema and parapneumonic effusions in hospitalized children in  Ghana. *JPan Afr Thorac Soc 2023;4:131-6*  ***My Contribution: I was involved in the literature review, first draft and final draft. Percentage contribution: 45%*** | 10 |
| *3.* | Tamatey, M., Tettey, M., Edwin, F., Entsua-Mensah, K., Gyan, B., **Okyere, I**., Adzamli, I., Adomako , K., Offei- Larbi , G., Aniteye , E., Kotei , D., Ofosu-Appiah , E.,  Amoah , K., Ibrahim, U., Adinku , P, Maishanu , M., Awodi , J., Osei , E., Yao , N., Sereboe , L., & Frimpong-Boateng , K. (2023). A Formula for the Determination of Appropriate Chest Tube Size and Length of Insertion in Children.  Postgraduate Medical Journal of Ghana, 12(1), 8–12.  <https://journal.gcps.edu.gh/index.php/pmjg/article/view/307>  ***My Contribution: I was involved in the concept development, study design, literature search and final draft. Percentage contribution*** | 10 |

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| *4.* | ***Okyere I.,*** *Singh S., Ameyaw E., Okyere P., Agyemang Yeboah F., Gyasi Brenu S and Tamatey M. (2022). Emergency Thoracic Surgery In Chest Trauma At The Komfo Anokye Teaching Hospital In Ghana: The Role Of Sternotomy And Thoracotomy. Postgraduate Medical Journal of Ghana, 11(1): 42-48.*  ***My Contribution: Lead Investigator and author, concept***  ***development, study design, data collection, first draft and final draft. Percentage contribution*** | 10 |
| *5.* | **Okyere, I.,** Okyere, P., Singh, S and Brenu, S. G. (2022).  Portacath Implantation in Ghana: Initial Experience at the  Komfo Anokye Teaching Hospital in Kumasi. *Clinical medicine insights. Case reports*, 15.  <https://doi.org/10.1177/11795476221087910>  ***My Contribution: Lead Investigator and author, concept development, study design, data collection, first draft and final draft. Percentage contribution*** | 10 |
| *6.* | **Okyere I*,*** Mensah S., Singh S., Okyere P., Kyei I., Gyasi Brenu S. (2022). Surgical management of traumatic diaphragmatic  rupture: ten-year experience in a Teaching Hospital in Ghana. Kardiochirurgia i Polska/Polish Journal of Thoracic and  Cardiovascular Surgery.;19(1):28-35. DOI: [https://doi.org/10.5114/kitp.2022.114552.](https://doi.org/10.5114/kitp.2022.114552)  ***My Contribution: Lead Investigator and author, concept***  ***development, study design, data collection, first draft and final draft. Percentage contribution*** | 10 |
| *7.* | **Okyere I**, Okyere P, Ameyaw E, Brenu SG, Tamatey M, Agyemang Yeboah F. Pericardiectomy for constrictive  pericarditis in a resource constraint setting. Kardiochirurgia i Torakochirurgia Polska*/Polish Journal of Thoracic and*  *Cardiovascular Surgery* 2021 Sep;18(3):165-172. doi:  10.5114/kitp.2021.109390. Epub 2021 Oct 5. PMID: 34703474; PMCID: PMC8525283.  ***My Contribution: Lead Investigator and author, concept***  ***development, study design, data collection, first draft and final draft. Percentage contribution*** | 10 |
| *8.* | **Okyere I.**, Owusu Kwarteng S., Owusu Bempah A., Okyere P., Badu-Peprah A and Gyasi Brenu S. (2022). Successful surgical management of intralobar pulmonary sequestration in Ghana, *Journal of Surgical Case Reports*. 2022(4): 1-3.  [https://doi.org/10.1093/jscr/rjac085.](https://doi.org/10.1093/jscr/rjac085)  ***My Contribution: Lead Investigator and author, concept***  ***development, study design, data collection, first draft and final draft. Percentage contribution*** | 10 |
| *9.* | **Okyere I,** Okyere P, Kobina Dadzie Ephraim R, Awotwi Hutton Mensah K, Attakora J, Essuman G, Serwaa D, Abaka-Yawson A, Adoba P, **(2021).** Vascular access for haemodialysis in Ghana: a single centre experience. PAMJ - Clinical Medicine. 2021; 6:2.  doi**:**[**https://www.clinical-medicine.panafrican-med-**](https://www.clinical-medicine.panafrican-med-journal.com/content/article/6/2/full) | 10 |

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|  | [**journal.com//content/article/6/2/full.**](https://www.clinical-medicine.panafrican-med-journal.com/content/article/6/2/full)  ***My Contribution: Lead Investigator and author, concept***  ***development, study design, data collection, first draft and final draft. Percentage contribution*** |  |
| *10.* | Singh S, **Okyere I.,** and Singh A. (2022). Paediatric cardiac anaesthesia perspective in komfo anokye teaching hospital Kumasi: A 10-year review. Nigerian Journal of Medicine.31 (2):202-207.  ***My Contribution: I was involved in the concept***  ***development, study design, literature search and final draft. Percentage contribution*** | 10 |
| *11.* | Okyere, P., **Okyere, I*.***, Essuman, G., Attakora, J., Serwaa, D., Donkoh, I. E. and Ephraim, R. (2022). Conservative therapy is associated with worse clinical features and biochemical  derangements than renal replacement therapy: a retrospective study in Kumasi, Ghana. BMC nephrology, 23(1): 343.  <https://doi.org/10.1186/s12882-022-02951-z>  ***My Contribution: I was involved in the literature review, first draft and final draft. Percentage contribution*** | 10 |
| *12.* | Singh, S., ***Okyere, I.***, Singh, A., Shaifulla, P., Okyere, P. and  Boamah, R. (2022). Time To Think of Novel Biomarkers to  Detect Perioperative Acute Kidney Injury in Surgical Patients.  *Egyptian Academic Journal of Biological Sciences. C, Physiology and Molecular Biology, 14(1): 213-229*  ***My Contribution: I was involved in the literature review, first draft and final draft. Percentage contribution: 45%*** | 10 |
| *13.* | Singh, L. C, Singh, S, **Okyere I*,*** Annamalai A. and Singh A. (2022). Comparison of effectiveness and safety of epsilon-  aminocaproic acid and tranexamic acid in adult patients  undergoing cardiac surgery. *JMS-Journal of Medical Society*, 36(2):52-59.  ***My Contribution: I was involved in the concept***  ***development, study design, literature search and final draft. Percentage contribution*** | 10 |
| *14.* | Okyere P, **Okyere I*,*** Kobina Dadzie Ephraim R, Attakorah J., Osafo C., Arhin B., Bachelle S and Abaka-Yawson A. (2020).  Spectrum and Clinical Characteristics of Renal Diseases in  Ghanaian Adults: A 13-Year Retrospective Study, *International Journal of Nephrology, vol. 2020, Article ID 8967258, 5 pages,*  <https://doi.org/10.1155/2020/8967258>  ***My Contribution: I was involved in the concept***  ***development, study design, literature search and final draft. Percentage contribution*** | 10 |
| **Total Score** | | 140 |

**7. RECORD OF SERVICE TO THE COMMUNITY**

**(UNIVERSITY/ NATIONAL/ INTERNATIONAL COMMUNITY)**

**a) Service to the University**

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| **SN** | **SERVICE TO THE UNIVERSITY** | **DATE** |
| ***1.*** | **Facilitator :** Maiden Dean’s thanksgiving service for final year MB ChB students , 19th August, 2023 at the clinical students hostel, Komfo Anokye Teaching  Hospital, Kumasi. | August 2023 |
| ***2.*** | **Appreciation ::** Maiden Dean’s thanksgiving service for final year MB ChB students , 19th August, 2023 at the clinical students hostel, Komfo Anokye Teaching  Hospital, Kumasi. | August, 2023 |
| ***3.*** | **Surgery Department Coordinator:** Clinical Skills and Simulation Centre, Clinical Hostel, KSMD,  KATH. | March 29th , 2022 |
| ***4.*** | **Assistant Clinical Skills Coordinator:** KSMD Stimulation Centre, KATH. | 2022 to date |
| ***5.*** | **Acting Head of Department :** Department of Surgery ,KSMD-KNUST. | 7th-10th,March 2022 |
| ***6.*** | **Acting Head of Department :** Department of Surgery ,KSMD-KNUST. | 12th-14th,  September, 2022. |
| ***7.*** | **Mentor:** Medical Students,2023 | Group 18 .BSC  Human Biology  (Medicine) 3 |
| ***8.*** | **Mentor:** Medical Students,2021 | Group 18 .BSC  Human Biology  (Medicine) 3 |
| ***9.*** | **Member:** Committee for the Medical Students’ Interview | 2020/2021 |
| ***10.*** | **Member:** Committee for the Medical Students’ Interview | 2021/2022 |
| ***11.*** | **Member:** Committee for the Medical Students’ Interview | 2022/2023 |
| ***12.*** | **Supervisor/Mentor:** Internationl Students assigned to the cardiovascular and thoracic Surgery Unit ,  Department of Surgery, KNUST/KATH | 2017 |
| ***13.*** | **Supervisor/Mentor:** Internationl Students assigned to the cardiovascular and thoracic Surgery Unit ,  Department of Surgery, KNUST/KATH | 2023 |
| ***14.*** | **Member:** Committee for Peer–Peer Classroom Observation for Department of Surgery | March 2, 2022 |
| ***15.*** | **Member:** Committee for Peer Review of Lecture  Materials: Department of Surgery | March 31, 2022 |
| ***16.*** | **Fellow:** Clinical Students Hostel, SMS | 2020-to-date |
| ***17.*** | **Fellow :** Queen Elizabeth Hall , KNUST | 2024 to date |

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| ***18.*** | **Member:** KSMD Clinical Hostel Security Committee | 2020-to-date |
| ***19.*** | **Member** : Department of Surgery Examination  Committee: SMS-KNUST | 2021--to-date |
| ***20.*** | **Member:** Committee to Review and Update the Existing Students Rotation Logbook in Surgery | 31st May, 2021 |
| ***21.*** | **Member:** KSMD Research and Conference Planning Committee | 2019-to date |
| ***22.*** | **Member:** Department of Surgery Budget Committee | 2021 |
| ***23.*** | **Member:** Department of Account Oversight Committee | 2024 |
| ***24.*** | **Member**: Department of Surgery Interview Committee for prospective lecturers | 2021 |
| ***25.*** | **Facilitator:** Supervision of Dissertation of Physician Assistant Student, 2022. | August 2022 |
| ***26.*** | **Facilitator:** Supervision of Dissertation of Physician Assistant Student, 2022. | August 2023 |
| ***27.*** | **Member:** Department of Surgery Accreditation Committee | 2021-to-date |
| **28.** | **Resource Person:** ‘Your Heart Attacks: Myths and Issues’ 9th February 2024:19th June, 2024,: KNUST E- Learing Centre Monthly Podcast. | 2024: |
| **29.** | **Resource Person** : ‘Heart Health ,The Heart of Man  and Total Wellbeing: 9th February 2024: KNUST E- Learing Centre Monthly Podcast. | 2024:KNUST |
| ***30.*** | **Member**: Department of Surgery Interview Committee for prospective lecturers | March, 2022 |
| **31.** | **Committee Member:** Fitness To Practice Committee:SMS-KNUST | March 4th 2024-to date |
| **32.** | **Committee Member**: Programme Research Sub-  Committee for the School of Medical Sciences (SMS) 50th Anniversary. | February 14th ,2024 |
| **33.** | **Committee Member:** Alumni Donation Committee: SMS-KNUST | 2023 |
| ***34.*** | **Member**: Department of Surgery Interview Committee for prospective lecturers | 10th July ,2022 |
| ***35.*** | **Member:** Clinical Skills Development Committee: School of Medical Sciences :SMS-KNUST | March 2, 2022 |
| **36.** | **Course Director :** SMS/KSMD Medical Students Surgical Hub. | 2023 |

**b) Service to the Nation**

In my capacity as an **academic surgeon:** surgeon, researcher and educator, I have projected the name of KNUST by regularly serving as faculty on various workshops that target a national audience. I have also served as examiner for the Ghana College of Physicians and Surgeons and External Examiner for the University of Cape Coast. Examples of my service to the Nation are as follows:

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| **SN** | **Service To The Nation** | **Date** |
| *1.* | **Vice President :** Ghana Chapter of the West African College of Surgeons | 2021 |
| *2.* | **Kumasi Coordinaator :** Ghana Chapter of the West African College of Surgeons | 2019- |
| *3.* | **Resource Person: Revision *Course:*** Surgical  Residents Membership Examination Revision Course for the Ghana College of Physicians and Surgeons and the  West African College of Surgeons. | 2022 |
| *4.* | **Resource Person: *Revision Course:*** Surgical Residents Membership Examination Revision Course for the Ghana College of Physicians and Surgeons and the West African College of Surgeons. | 2024 |
| *5.* | **Coordinator:** *Postgraduate Training Coordinator in*  *Cardiovascular and Thoracic Surgery: Surgery*  *Directorate, Komfo Anokye Teaching Hospital , Kumais- Ghana.* | 2023-to-date |
| *6.* | **Assessor:** Confidential Report on Senior Colleague for the positon of Deputy Director ,Quality Assurance at the  Komfo Anokye Teaching Hospital, Kumasi, Ghana. | 2021 |
| *7.* | **Maiden Meeting** of Consultants and Senior Specialists  with the Management of the Komfo Anokye TeachingHospital , Kumasi, Ghana. | 2023 |
| *8.* | **Maiden Meeting** of Consultants and Senior Specialists  with the Management of the Komfo Anokye TeachingHospital , Kumasi, Ghana. | 2023 |
| *9.* | **SOLICITING** Support for surgery for children with congenital heart disease. | 2017 |
| *10.* | **First to perform open heart surgery with foreign**  **partners in Kumasi:** Komfo Anokye Teaching Hospital, Kumasi, Ghana. | 2007 |
| *11.* | **Foundation Cardiovascular and Thoracic Surgeon and Head**, Komfo Anokye Teaching Hospital, Kumasi, Ghana. | 2016-2020 |
| *12.* | **Led a local team to perform the first open heart**  **surgery by a** *wholly local Ghanaian team outside Accra, in Kumasi.* | 2020 |
| *13.* | **Appreciation letter:** The Jehowah Witness Community in Kumasi for performing a blood less cardiac surgery at the Komfo Anokye Teaching Hospital in Kumasi, Ghana. | 2020 |
| *14.* | **Lead Organizer and Coordinator:** Adult Pacemaker Implantation at the Komfo Anokye Teaching Hospital in | 2023 |

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|  | collaboration with James Cook University Hospital, Middlesbrough, UK |  |
| *15.* | **Community Impact:** Assisting the Kwanwoma  Community, Kumasi in putting up a Chapel for the Church of Pentecost, named ***after my father, Elder***  ***Francis Okyere*** and ***serving as a Community Centre for Kwanwoma Community.* (Over $10,000): > 150,000 Cedis spent)** | 2022 |
| *16.* | **Maiden Accredition** for Securing the Maiden  Accreditation for the training of surgical residents or  trainees in Cardiovascular and Thoracic Surgery from the ***West African College of Surgeons*** for the Komfo  Anokye Teaching Hospital, Kumasi, Ghana. 2022. | 2022 |
| *17.* | **Guest Speaker:** “Pursuance of Academic , Moral and Spiritual Excellence “: ***Methodist Technical Institute ,Ghana Education Service , Kumasi, Ghana.*** | 2020 |
| *18.* | **Resource Person:** Emergency Medicine Maiden Scientific Conference | 2019 |
| *19.* | **2nd Best Case Report Presentation:** Emergency Medicine Maiden Scientific Conference | 2019 |
| *20.* | **Facilitator:** Disenmination of WACS Examination Informtion in Kumasi | 2020 |
| *21.* | **Facilitator: :** Disenminationof WACS Examination Informtion in Kumasi | 2021 |
| *22.* | **Facilitator::** Disemination of WACS Examination Inforamtion in Kumasi | 2022 |
| *23.* | **Visiting Lecturer:** School of Medical Sciences , University of Cape Coast, Cape Coast , Ghana. | 2019/2020 |
| *24.* | **External Examiner:** Department of Surgery ,School of Medical Sciences, University of Cape Coast, Ghana. | 2021 |
| *25.* | **External Examiner:** Department of Surgery ,School of Medical Sciences, University of Cape Coast, Ghana. | 2023 |
| *26.* | **Examiner:** Ghana College of Physicians and Surgeons at Department of Surgery, Korle Bu Teaching Hospital,  Accra ,2021 | February 2021 |
| *27.* | **Examiner:** Ghana College of Physicians and Surgeons at Department of Surgery, Korle Bu Teaching Hospital,  Accra , 2021. | August 2021 |
| *28.* | **Examiner:** Ghana College of Physicians and Surgeons at Department of Surgery, Korle Bu Teaching Hospital,  Accra , 2021. | August 2021 |
| *29.* | **Resource Person:** Basic Surgical Skills Workshop for House Officers ,Komfo Anokye Teaching Hospital,  Kumasi, Ghana. | 2020 |
| *30.* | **Reviewer: *Dissertation Research Proposal:*** Dr Nana Akua K. Asamoah: “Correlation of Embolic Burden and  Right Heart Dysfunction Parameters with Mortality in  Acute Pulmonary Embolism using Computed Tomography in Pulmonary Angiography” . | 2023 |

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| *31.* | **Reviewer*: Dissertation Research Proposal****:* The Pattern of Outcomes of Patients Presenting with  Traumatic Chest Injuries to the Emerency Deparment of Korle-Bu Teaching Hospital. | 2023/2024. |
| *32.* | **Reviewer*: Dissertation Research Proposal****:* The Pattern of Outcomes of Patients Presenting with  Traumatic Chest Injuries to the Emerency Deparment of Korle-Bu Teaching Hospital. | 2023/2024. |
| *33.* | **Reviewer: Dissertation Research Proposal :** THE BURDEN OF CHEST INJURIES AT AN URBAN  EMERGENCY DEPARTMENT IN KUMASI, GHANA. | 2024 |
| *34.* | **Reviewer/Supervisior: *Dissertation Research:*** “The  Place of Early Removal of Nasogastric Tube Following Small Bowel Surgery in Adults at Komfo Anokye  Teaching Hospital, Kumasi, Ghana” **.** 2019/2020. | 2020. |
| *35.* | **Assessment by Postgraduate Candidate as**  **Reviewer/Supervisior: *Dissertation Research:*** “The Place of Early Removal of Nasogastric Tube Following  Small Bowel Surgery in Adults at Komfo Anokye Teaching Hospital, Kumasi, Ghana” **.** 2019/2020. | 2020 |
| *36.* | **Assessment by Postgraduate Candidate as**  **Reviewer/Supervisior: *Dissertation Research:*** A  Comparative Study of Renal Function versus Serum  Lipid Levels as a Proxy to Assess the Presence and  Severity of Peripheral Arterial Disease Among Persons with Diabetic Foot Ulcer in Komfo Anokye Teaching  Hospital, Kumasi-Ghana: 2022. | 2022 |
| *37.* | **Reviewer/Supervisior: *Dissertation Research:*** A  Comparative Study of Renal Function versus Serum Lipid Levels as a Proxy to Assess the Presence and Severity of Peripheral Arterial Disease Among Persons with Diabetic Foot Ulcer in Komfo Anokye Teaching Hospital, Kumasi- Ghana: 2022. | 2022 |
| *38.* | **Manuscript Reviewer :** Postgraduate Journal of Ghana. | 2020 |
| *39.* | **Manuscript Reviewer :** Ghana Medical Journal. | 2022 |
| *40.* | **External Assessor :** Anglican University College of Technology ,Ghana for the Promotion of a lecturer. | 2021 |
| *41.* | **Guest Speaker :** *46th Annual General and Scientific*  *Meeting of the Ghana Chapter of the West Afrcan College of Physicians* | 2023 |
| *42.* | **Guest Speaker:** “The Heart of Man”: Ashanti Region Church of Pentecost, Pastors Conference.**Church of**  **Pentecost, Ghana.** *(Gathering of over 500 Pastors and Wives Conference in Kumasi)* | March , 2021. |
| *43.* | **Guest Speaker:** Health Talk : The Heart of Man I; The Pentecost International Worship Centre, Bompata,  Kumasi. | 27th Sept., 2021 |

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| *44.* | **Guest Speaker:** Health Talk: The Heart of Man II; The  Pentecost International Worship Centre, Bompata, Kumasi. | 29th Oct. 2023 |
| *45.* | **Guest Speaker :** The Bantama Area of the Church of Pentecost Health Professional Network. | 2023 |
| *46.* | **Facilitator:** Medical Outreach, (Health Screening ) at SOBOLO , Kumasi . | March , 2024. |
| *47.* | **Member :** Symposium Committee : Asokwa Area of the Church of Pentecost. | 2021 |
| *48.* | **Facilitator :** Academic Presentation , directorate of Surgery, Komfo Anokye Teaching Hospital, Kumasi, Ghana | 2020 |
| *49.* | **Facilitator :** Academic Presentation , directorate of Surgery, Komfo Anokye Teaching Hospital, Kumasi, Ghana | 2020 |
| *50.* | **Coordinator:** Postgraduate Training Coordinator in  Cardiovascular and Thoracic Surgery: Surgery  Directorate ,Komfo Anokyeteaching Hospital, Kumasi, Ghana. | 2023 |
| *51.* | **Vice-Chairman : *Parent Teachers Association : Opoku Ware Senior High School*** | 2022-to-date |
| *52.* | **Presiding Elder :** Presiding Elder of the Church of  Pentecost, Asokwa McKeown Temple, Kumasi: ***October 2020-August 2022.*** | 2020-2022 |
| *53.* | **Chairman :** COVID Management Committee of the Asokwa Area of the Church of Pentecost, Kumasi. | 2020-to-date |
| *54.* | **District Executive Member:** Church of Pentecost,  Asokwa District: ***2020-2022.*** | 2020-2022 |
| *55.* | **Member :** District Executive: Pentecost International Worship Centre,Asokwa , Kumasi. | 2023-to-date |
| *56.* | **Vice President:** *The Church of Pentecost Global Health*  *Professional Network Guild:* ***2023 to date*** | 2023-to-date |
| *57.* | **Member :** Finance Committee of the Pentecost Interanl Worship Centre, Asokwa, Kumasi. | 2023- |
| *58.* | **Member: *Tender Evaluation Panel*** , Komfo Anokye Teaching Hospital, Kumasi-Ghana from ***2020.*** | 2020 |
| *59.* | **Member*: Tender Evaluation Panel,*** Komfo Anokye Teaching Hospital, Kumasi-Ghana, ***2021.*** | 2021 |
| *60.* | **Council Member:** The Global Council of the **Church of Pentecost , Ghana***.(Global Pentecostal Church of over*  *4.5 Million Members).* | 2024 |
| *61.* | **Council Member:** The Global Council of the **Church of Pentecost , Ghana***.(Global Pentecostal Church of over*  *4.5 Million Members).* | 2021 |
| *62.* | *Consultant Cardiovascular and Thoracic Surgery Trainer:*  ***AsafoBoakye Specialist Hospital, Kokoben , Kumasi*** | 2019-to- date. |

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| *63.* | *Consultant Cardiovascular and Thoracic Surgery Trainer:*  ***Legacy Hospital , Asokore Mamapong, Kumasi.*** | 2019 to date. |
| *64.* | **Consultant Cardiovascular and Thoracic Surgery Trainer:** Frimpong Boateng Medical Centre, Toase,  Kumasi. | 2019-2020. |
| *65.* | **Faciltator:** Represented Department of Surgery, Komfo  Anokye Teaching Hospital, on Ghana Electronic  Procurement System Workshop, 29th October, 2020, MIKLIN Hotel, Kumasi, Ghana. | 2020 |
| *66.* | **Proposal to establish Heart Centre at KATH** | 2014 |
| *67.* | **Lead Organizer and Coordinator: Pediatric** Open  Heart Surgery at the Komfo Anokye Teaching Hospital in collaboration with BostonChildren’s Hospital, USA. | 2007-2020 |
| *68.* | **Lead Organizer and Coordinator:** Adult Open Heart Surgery at the Komfo Anokye Teaching Hospital in  collaboration with Guangdong University Hospital, Guangdong State, China. | 2016-2019 |
| *69.* | **Lead Organizer and Coordinator:** Adult Open Heart Surgery at the Komfo Anokye Teaching Hospital in  collaboration with Guangdong University Hospital, Guangdong State, China. | 2015-2020 |
| *70.* | **Lead Organizer and Coordinator:** Adult Open Heart Surgery at the Komfo Anokye Teaching Hospital in  collaboration with Cardiostart International, USA. | 2016-2020 |
| *71.* | **Lead Organizer and Coordinator:** Adult Open Heart Surgery at the Komfo Anokye Teaching Hospital in  collaboration with James Cook University Hospital, Middlesbrough, UK. | 2019-2020 |
| *72.* | **Presiding Elder :** *Pentecost International Worship Centre (PIWC) of the Church of Pentecost, Asokwa*  *Kumasi.* | 2023-to date |
| *73.* | **Visiting Cardiovascular and Thoracic Surgeon,**  University of Ghana Medical Centre, Accra, Ghana. | 2024 |
| *74.* | **Assisting the Establishment of the Cardiovascular and Cardiology Centre,** University of Ghana Medical Centre, Accra, Ghana. | 2024 |
| *75.* | **External Examiner :** University of Cape Coast School of Medical Sciences, Cape Coast,Ghana. | 2022 |

**c) Voluntary Free Heart Sugeries at Komfo Anokye Teahing Hospital:**

Collaborated with the following International Institutions for free Cardiac Surgeries at the Komfo Anokye Teaching Hospital and University of Ghana Medical Centre:

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| **SN** | **Team/Group** | **Countr y** | **Year** | **Program** | **Leaders/Surgeons** |
| *1.* | James Cook University Hospital,  Middlesbrough,UK | UK | 2022-  2023 | Adult Cardiac Surgery and Pacemaker  Implantation. | **Dr Isaac Okyere**  and Professor Enoch Akowuah |
| *2.* | James Cook University Hospital,  Middlesbrough, UK. | UK | 2019-  2020 | Adult Cardiac Surgery and Pacemaker  Implantation. | **Dr Isaac Okyere**  and Professor  Enoch Akowuah |
| *3.* | Boston Children’s Hospital, Boston, MA and Harvard Medical School,  USA | USA | 2007-  2020 | First  Pediatric  Open Heart Surgeries at the Komfo  Anokye Teaching Hospital. | **Dr Isaac Okyere**  and Professor Francis Fynn- Thompson |
| *4.* | Cardiostat  International , USA | USA | 2009- to - date | First Adult Open Heart Surgery at the Komfo Anokye  Teaching Hospital. | **Dr Isaac Okyere** , Professor Marath  Aubyn and Dr Emily Farkas |

**d) Community leadership and Service to the Nation**

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| **SN** | **Position** | **Organisation** | **Place** | **Date** |
| *1.* | *Council Member* | *The Global General*  *Council of the Church of Pentecost:* | Church of Pentecost , Ghana.(Global  Pentecostal Church of  over 4.5 Million Members) | *2021 to date.* |
| *2.* | *Guest*  *Speaker* | “The Heart of Man”:  Ashanti Region Church of  Pentecost Pastors Conference. | Church of Pentecost , Ghana.(Gathering of over 500 Pastors and Wifes Conference in Kumasi) | *March, 2021.* |

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| *3.* | *Guest*  *Speaker* | 3-Day Talk on the “The Heart of Man: The  Biblical and Medical Perspectives” . | McKeown Temple of  the Church of Pentecost. | *December, 2021.* |
| *4.* | *Guest*  *Speaker* | *Excellence in Health Care Delivery.* | Church of Pentecost Health Professionals network, Bantama  Area. | Bantama  Area of the Church of Pentecost  Health  Profession als  network. |
| *5.* | *Guest*  *Speaker* | Health Talk : The Heart of Man I; The Pentecost  International Worship Centre, Bompata,  Kumasi. | Church of Pentecost | *27th*  *September, 2021.* |
| *6.* | *Guest*  *Speaker* | Health Talk: The Heart of  Man II; The Pentecost International Worship Centre, Bompata,  Kumasi. | Church of Pentecost | *29th*  *October, 2023.* |
| *7.* | *Vice*  *President* | The Church of Pentecost Global Health  Professional Network. | Church of Pentecost: Global. | *2023 to date.* |
| *8.* | *Presiding Elder* | Pentecost International  Worship Centre (PIWC) of the Church of Pentecost,  Asokwa Kumasi. | Overseeing over 2400 congregants. | *July 2023 to date.* |
| *9.* | *District*  *Executive Member* | *Pentecost International Worship Centre (PIWC), Asokwa, Kumasi.* | Church of Pentecost. | *July 2023 to date.* |
| *10.* | Presiding Elder | Church of Pentecost, Asokwa McKeown  Temple, Kumasi. | Church of Pentecost  (Overseeing over 2000 Congregants) | *October 2020-*  *August 2022.* |
| *11.* | Area  Executive Member | Church of Pentecost | Church of Pentecost,  Asokwa Area, Kumasi. | *2020-to- date.* |
| *12.* | Area  Executive Member | Men’s Fellowship of the Church of Pentecost. | Church of Pentecost,  Asokwa Area, Kumasi. | *2018-to- date.* |

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| *13.* | District  Executive Member | The Church of Pentecost | Church of Pentecos, Asokwa District,  Kumasi. | *2020- 2022.* |
| *10.* | *Member* | Easter Convention Health Committee. | Church of Pentecost,  Asokwa Area, Kumasi. | *April, 2022.* |
| *11.* | *Member* | Smposium Committee | Church of Pentecost,  Asokwa Area, Kumasi. | *9th*  *September, 2021.* |
| *12.* | *Member* | Professional’s Day  Planning Committee. | Church of Pentecost,  Asokwa Area, Kumasi. | *19th*  *August, 2021.* |
| *13.* | *Member* | *Health Screening Outreach Programme* | Sobolo, Kumasi | *February ,2024.* |

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| **SN** | **Service To The International Community** | **Date** |
| 1. | **Member:** The Jim Nwobodo Prize Committee of the West African College of Surgeons. To Award the Best Fellowship Dissertation of the West African College of Surgeons.***(2023).*** | 2023 |
| 2. | **Member:** The Jim Nwobodo Prize Committee of the West African College of Surgeons. To Award the Best Fellowship Dissertation of the West African College of Surgeons. ***(2021).*** | 2921 |
| 3. | **Travel Grant/Visiting Scholar for the** West African College of Surgeons at the Annual Congress of the  Association of Academic Surgeons, and Association of University Surgeon, Houston, USA. | 2023 |
| 4. | **Travel Grant/Visiting Scholar for the** West African College of Surgeons at the Annual Congress of the  Association of Academic Surgeons, and Association of University Surgeons,Houston, USA. | 2023 |
| 5. | **Visiting Scholar for the** West African College of Surgeons at the Annual Congress of the Association of Academic | 2022 |

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|  | Surgeons, and Association of University Surgeons,Houston, USA |  |
| 6. | **Guest Speaker.** The Heart Beat of Kumasi. TheGhanaian Cardiac Team, South Tees Research Innovation on Education. The James Cook University Hospital Marton Road, Middlesbrough,Ts4, 3Bw, UK. | 2019 |
| 7. | **Guest Speaker.** The Heart Beat of Kumasi. TheGhanaian Cardiac Team, South Tees Research Innovation on Education. The James Cook University Hospital Marton Road, Middlesbrough,Ts4, 3Bw, UK. | 2019 |
| 8. | **As an African Cardiac Surgeon brand** on the main Flyer of the 8th World Congress of Pediatric Cardiology and Cardiac Surgery, August 27-September 1, 2023,Washington DC ,USA. | 2023 |
| 9. | **Guest Speaker :** The Heart of Man : Hypertensive Heart  Disease: ***The Church of Pentecost, Denmark.*** | 2023 |
| 10. | **Guest Speaker :** Joint International Conference for  Pediatric cardiac surgeons, organized by the Pediatric and Congenital Heart Surgery Society (AAPCHS) and African Association of Thoracic and Cardiovascular Surgeons  (AATCVS), Radisson Blu Hotel, Abidjan Airport, Cote  d'Ivoire. | 2023 |
| 11. | **Guest Speaker :** Joint International Conference for  Pediatric cardiac surgeons, organized by the Pediatric and Congenital Heart Surgery Society (AAPCHS) and African Association of Thoracic and Cardiovascular Surgeons  (AATCVS), Radisson Blu Hotel, Abidjan Airport, Cote  d'Ivoire. | 2023 |
| 12. | **Guest Speaker:** 5th World Congress on Clinical Surgery and Anesthesia; Journal of Clinical Diagnosis and Treatment, by PULSUS, London UK. **(Webinar).** | 2021 |
| 13. | **Guest Speaker:** 5th World Congress on Clinical Surgery and Anesthesia; Journal of Clinical Diagnosis and Treatment, by PULSUS, London UK. **(Webinar).** | 2021 |
| 14. | **Guest Speaker:** 5th World Congress on Clinical Surgery and Anesthesia; Journal of Clinical Diagnosis and Treatment, by PULSUS, London UK. **(Webinar).** | 2021 |
| 15. | **Guest Speaker/Faciltator :** Pericardiectomy for  Constrictive Pericarditis in Resource Constraits Setting :  **Academic Surgical Congress,Houston ,Texas , USA** | 2023 |
| 16. | **Guest Speaker/Faciltator:** Pericardiectomy for Constrictive Pericarditis in a Resource Constraint Setting. Academic Surgical Congress (ASC), Houston, Texas,USA | 2023 |
| 17. | **Speaker / Facilitator:** Surgical management of traumatic diaphragmatic rupture: Ten-year experience at the Komfo | 2021 |

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|  | Anokye Teaching Hospital, Kumasi: Proceedings of : 61st Annual General Meeting & Scientific Conference of the West African College of Surgeons (WACS), Cotonou, Republic of Benin ,14th -26th June, 2021, Page 73 |  |
| 18. | **Speaker / Facilitator:** Pericardiectomy for constrictive pericarditis in a resource constraint setting. Proceedings of : 61st Annual General Meeting & Scientific Conference of the West African College of Surgeons (WACS), Cotonou, Republic of Benin ,14th -26th June, 2021, Page 73 : | 2021 |
| 19. | **Speaker / Facilitator:** Emergency Thoracic Surgery in Chest Trauma at the Komfo Anokye Teaching Hospital in Ghana: The Role of Sternotomy and Thoracotomy:  Proceedings of : 61st Annual General Meeting & Scientific  Conference of the West African College of Surgeons (WACS), Cotonou, Republic of Benin ,14th -26th June, 2021, Pge 78 | 2021 |
| 20. | **Speaker / Facilitator:** Vascular Access for Haemodialysis in Ghana: A Single Centre Experience: Proceedings of : 61st Annual General Meeting & Scientific Conference of the West African College of Surgeons (WACS), Cotonou, Republic of Benin ,14th -26th June, 2021, Page 82 : | 2021 |
| 21. | **Speaker / Facilitator:** Portacath Implantation in Ghana: Initial Experience at the Komfo Anokye Teaching Hospital, Kumasi: 61st Annual General Meeting & Scientific Conference of the West African College of Surgeons (WACS), Cotonou, Republic of Benin ,14th -26th June, 2021, Page 82. | 2021 |
| 22. | **Speaker / Facilitator:** Update of the experience of the first implantation of the novel biological heart valve, the inspiris resilia aortic tissue valve in Africa. 63rd Annual General Meeting & Scientific Conference of the West African College of Surgeons (WACS), 20th – 24th March 2023, Lome, Togo.Page 93 | 2023 |
| 23. | **Speaker / Facilitator:** Surgery of impalement injury of the chest in aresource limited centre. Proceedings of: 63rd Annual General Meeting &Scientific Conference of the West African College of Surgeons (WACS), 20th – 24th March 2023, Lome, Togo, Page 93 | 2023 |
| 24. | **Speaker / Facilitator:** Surgical management of arteriovenous malformation at the Komfo Anokye Teaching Hospital, Ghana. Proceedings of : 63rd Annual General Meeting &Scientific Conference of the West African College of Surgeons (WACS), 20th – 24th March 2023, Lome, Togo , Page 90 | 2023 |
| 25. | **Speaker / Facilitator:** Congenital heart surgery in Ghana: the experience of Kumasi, Ghana. Proceedings of : 62nd Annual General Meeting &Scientific Conference of the West | 2022 |

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|  | African College of Surgeons (WACS), 21st – 24th March 2022, Monrovia, Liberia ,Page 28 |  |
| 26. | **Speaker / Facilitator:** Successful surgical management of intralobar pulmonary sequestration in Ghana. Proceedings of : 62nd Annual General Meeting &Scientific Conference of the West African College of Surgeons (WACS), 21st – 24th March 2022, Monrovia, Liberia, Page 28 | 2022 |
| 27. | **Speaker/ Facilitator:** Open surgical retrieval of rare aerodigestive tract foreign bodies in Kumasi, Ghana. Proceedings of : 62nd Annual General Meeting &Scientific Conference of the West African College of Surgeons (WACS), 21st – 24th March 2022, Monrovia, Liberia, Page 28. | 2022 |
| 28. | **Speaker / Facilitator:** Surgical Management of Traumatic Diaphragmatic Rupture: Ten-year Experience at the Komfo Anokye Teaching Hospital, Kumasi, Ghana. Proceedings of: 60th Annual General Meeting and Scientific Conference of the West African College of Surgeons (WACS), Abuja, Nigeria, 17th -20th February, 2020. Page 37 | 2022 |
| 29. | **Speaker / Facilitator**: Emergency Thoracic Surgery in Chest Trauma in a Teaching Hospital in Ghana: 5-year review ofthe Role of Sternotomy and Thoracotomy. Proceedings of: Proceedings of: 60th Annual General Meeting and Scientific Conference of the West African College of Surgeons (WACS), Abuja, Nigeria, 17th -20th February, 2020. Page 47 | 2022 |
| 30. | **Speaker / Facilitator:** Management of Thoracic Impalement Injury in Ghana: A Five-Year Experience at the Komfo Anokye Teaching Hospital. Proceedings of: 60th Annual General Meeting and Scientific Conference of the West African College of Surgeons (WACS), Abuja, Nigeria, 17th -20th February, 2020. Page 47 | 2022 |
| 31. | **Speaker / Facilitator:** Management of Thoracic Impalement Injury in Ghana: A Five-Year Experience at the Komfo Anokye Teaching Hospital. Proceedings of: 60th Annual General Meeting and Scientific Conference of the West African College of Surgeons (WACS), Abuja, Nigeria, 17th -20th February, 2020. Page 47 | 2022 |
| 32. | **Speaker / Facilitator:** Transition from Humanitarian Open Heart Surgery Mission to Local Independent Heart Surgery Service: The case of Komfo Anokye Teaching Hospital, Kumasi-Ghana. Proceedings of: Proceedings of: 60th Annual General Meeting and Scientific Conference of the West African College of Surgeons (WACS), Abuja, Nigeria, 17th - 20th February, 2020. Page 47 | 2022 |
| *33.* | **Reviewer :** BMJ Case Reports | 2023 |

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| *34.* | **Speaker / Facilitator:** 8th World Congress of Pediatric Cardiology and Cardiac Surgery, at the Walter E.  Washington Convention Center ,***Washington, D.C., USA*** | 2023 |
| 35. | **Speaker / Facilitator**: 64th Annual General Meeting and Scientific Conference of West African College of Surgeons, Freetown, Sierra Leone, 4th – 7th , March 2024, Page 39. | 2024 |

**e) Service to the International Community**

I have projected the Name of KNUST and Ghana through serving as faculty or facilitator at several local and international workshops, or conferences. I am a regular reviewer for journals and I have and continue to play my role as a mentor by imparting my knowledge and skills to local and international students and doctors. Examples of my service to the international community are as follows: