## Curriculum vitae

## Personal information

Name: ISHMAEL KYEI

Date of birth: 10 February 1979

Marital status: Married

Nationality: Ghanaian

Languages Spoken: English, Twi, Ga

Written: English

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## PROFILE

I am a General Surgeon and Breast Surgeon and a clinical lecturer and researcher with interest in surgical oncology research, I am a site co-investigator with the International Center for the Study of Breast Cancer Subtypes (ICSBCS) based in Weill Cornell Medical College, which aims to understand Breast cancer in ethnic minorities and Africans and the poor outcomes associated with these cancers. I am an Advanced Trauma Life Support (ATLS) Instructor with the Ghana Chapter of the ATLS.

My objective is to maximize my skills and abilities and bring these to the benefit of mankind. My major strengths include excellent communications skills, a strong team player with a strong attention to detail.

## ACADEMIC QUALIFICATIONS

Certificate, Advanced Trauma Life Support Instructor’s Course, Nottingham University Hospital, UK, 2017

Fellow of the Ghana College of Surgeons (FGCS), Ghana College of Physicians and Surgeons, 2014

Fellow of the West African College of Surgeons (FWACS), West African Postgraduate College, 2014

Postgraduate Diploma Certificate, Diploma in Project Design and Management, Liverpool School of Tropical Medicine (LSTM) 2013

MBChB, School of Medicine and Dentistry, Kwame Nkrumah University of Science and Technology (KNUST), 2005

Bachelor of Science (BSc) (Human Biology) KNUST 2002

Senior Secondary School Certificate (SSSCE) 1996

## INSTITUTIONS ATTENDED WITH DATES

Ghana College of Physicians and Surgeons, 2007-2014

West African Postgraduate College, 2007- 2014

Liverpool School of Tropical Medicine (Distance Program)

Kwame Nkrumah University of Science and Technology 1998- 2005

St Peter’s Senior High School, Nkwatia-Kwahu 1994- 1996

## UNIVERSITY TEACHING AND RESEARCH EXPERIENCE

Senior Lecturer, Department of Surgery, SMD, KNUST, 2020 to Date

Clinical Coordinator, Department of Surgery, SMD, KNUST, 2020 to Date

Adjunct Senior Lecturer, Department of Surgery SMD, KNUST 2019 – 2020

Adjunct Lecturer, Department of surgery, SMD, KNUST 2016 -2019

**SUPERVISION AND REVIEW OF STUDENT PROJECTS**

Supervisor for the Fellowship program of the Ghana College of Physicians and Surgeons

Topic:

1. Tumour Characteristics and Biological Markers of Breast Carcinoma: A comparative study of women under 35 years and post menopausal women at the Breast Clinic of KATH. Project being undertaken by Dr Kingsley Bosompem

**REVIEW OF FELLOWSHIP DISSERTATION OF THE GHANA COLLEGE OF PHYSICIANS AND SURGEONS**

Topics

1. The Effectiveness of wound edge protection in reducing surgical site infection following Gastrointestinal laparotomies at the Korle Bu Teaching
2. Paediatric forearm fractures: conservative versus surgical treatment, a study at the Komfo Anokye Teaching Hospital

## OTHER RELATED PROFESSIONAL EXPERIENCE

**Apr 2014 – date Senior Specialist- General Surgery and Breast Surgery**

Directorate of Surgery, Komfo Anokye Teaching Hospital(KATH), Kumasi

**Sep 2007- March 2014 Resident in Surgery,** Directorate of Surgery

Komfo Anokye Teaching Hospital

**Oct 2005- Aug 2007 HouseOfficer ( Medicine, Surgery, Paediatrics**

**And Obstetrics and Gynaecology)**

Komfo Anokye Teaching Hospital

## PROFESSIONAL /RESEARCH AFFILIATION

Member - American Society of Clinical Oncology

Co-Investigator, International Center for the Study of Breast Cancer Subtypes (ICSBCS)

Member, Breast Society of Ghana

Member, Ghana Hernia Society

Member, Ghana Medical Association

## AWARDS

1. Olajide Ajayi Gold Medal Prize in General Surgery for the year 2015.
2. American Society of Clinical Oncology (ASCO) International Education Development Award 2018.

## RELEVANT RESEARCH

1. Agbenorku P, Agbenorku M, Iddi A, Amevor E, Sepenu R Osei D, **Kyei I**. Incidence of breast development anomalies: a study at Sogakope, Ghana,

Nigerian Journal of plastic surgery vol.6 No1, March 2010.

1. Proctor EN,Jiagge E, Besenhaver J,Kidwell K, Baffour Awuah,Toy K, Oppong J, **Kyei I,**Ohene Yeboah M, Wicha M,Kleer CG, Newman LA. Characterizing Breast Cancer in Women with African Ancestry: Triple-Negative tumors, Androgen Receptor and ALDH1 Expression

Ann Surg Oncol 2015 Nov; 22(12): 3831-5

1. **Kyei I**, Dogbe J, Larsen-Reindorf R, Mensah S. Scope of Non-Traumatic Lower Limb Amputation at the Komfo Anokye Teaching Hospital

MOJ Orthopedics and Rheumelogy. Vol-3 Issue 5-2015

1. Mensah S, Dogbe J, **Kyei I**, Addofoh N, Painstil V, Osei-Tutu L. Determinants of Late Presentation and Histologic Types of Breast Cancer in Women presenting at a Teaching Hospital in Kumasi, Ghana.

Journal of Cancer Prevention and Current Research Vol 3 Issue 4-2015

1. Gyedu A, Abantanga F, **Kyei I**, Boakye G, Stewart BT. Changing Epidemiology of Intestinal Obstruction in Ghana; Signs of Increasing Surgical Capacity and Aging Population.

Diag Surg 2015:32(5):389-96.

1. Jiagge E, Jibril AS, Chitale D, Besenhaver JM, Awuah B, Hoenerhoff M, Adjei E, Bekele M, Abebe E, Nathanson SD, Gyan K, Salem B, Oppong J, Aitpillah F, **Kyei I**, Bonsu EO, Proctor E, Marejver SD, Wicha M, Stark A, Newman L. Comparative Analysis of Breast Cancer: Phenotypes in African American, White Americans and West versus East African Patients; Correlation between African Ancestry and Triple-Negative Breast Cancer.

Ann Surg Oncl 2016 Nov; 23 (12): 3843-3849

1. Mensah S**, Kyei I**, Ohene-Yeboah M, Adjei E. Extragonadal Sclerosing Stromal Tumor in the Transverse Colon

Ghana Med J 2016 Mar: 50(1)

1. Jiagge E, Oppong JK, Besenhaver J, Aitpillah F, Gyan K, **Kyei I**, Osei-Bonsu E, Ohene Yeboah M, Toy K, Jackson KE, Akpaloo M, Acheampong D, Antwi B, Agyeman FO, Alhassan Z, Fondjo LA, Awuah B, Newman L. Breast Cancer and African Ancestry: Lessons learned at the 10-year Anniversary of

the Ghana-Michigan Research Partnership and International Collaboration.

J Glo Onco (2016 Aug 150)

1. Sarfo-Kantanka O, Sarfo FS, Oparebea Ansah EO,**Kyei I** Spectrum of Endocrine Disorders in Central Ghana

Int J Endocrinal 2017; 2017:5470731 Epub 2017 Feb 23

1. Sarfo-Kantanka O, **Kyei I,** Sarfo FS, Ansah EO Thyroid Disorders in Central Ghana: The influence of 20 years of Iodization

Journal of Thyroid Research 2017, 7843972

1. Sarfo Kantanka O,**Kyei I**,Mbanya JC,Owusu Ansah M Diabetes related foot disorders among adult Ghanaians

Diabetic Foot and Ankle 2018; 9(1):1511678

1. Sarfo Kantanka O,Sarfo FS,Ansah EO,**Kyei I** Grave’s Disease in Central Ghana: Characteristics and Associated Factors

Clinical Medicine Insights: endocrinology and Diabetes 20118 https//doi.org/10.1177

1. Sarfo Kantanka O,Sarfo FS,Ansah EO,**Kyei I** The effect of Thyroid dysfunction on the Cardiovascular Risk and Type 2 Diabetes

Mellitus Patients in Ghana

Journal of Diabetes Research, Vol. 2018, Article 114783093

1. Jiagge E,Oppong J,Harvey K,Bensenhaver J,Adjei E,Chang X,Ulitz P,Gyan K, Salem B, **Kyei I**, Baffour Awuah,Wicha M, Newman L,Marejver S. Biologic Diversity of Breast Cancers in women with African Ancestry

Journal and Clinical Oncology 2018, 36, e13111 – e13114

1. Sarfo-Kantanka O, Sarfo FS, **Kyei I**, Agyemang C, Mbanya JC. Incidence and Determinants of Diabetes related Lower Limb Amputation in Ghana 2010-2015, a retrospective cohort study

BMC Endocr Disord. 2019 March 1;19(1):27

1. Newman LA, Jenkins B, Chen Y, Oppong JK, Adjei E, Jibril AS, Hoda S, Cheng E, Chitale D, Bensenhaver JM, Awuah B, Bekele M, Abebe E, **Kyei I**, Aitpillah F, Adinku M, Nathanson SD, Jackson L, Jiagge E, Merajver S, Petersen LF, Proctor E, Gyan KK, Martini R, Kittles R, Davis MB. Hereditary Susceptibility for Triple Negative Breast Cancer Associated with Western Sub-Saharan African Ancestry: Results from an International Surgical Breast Cancer Collaborative

Ann Surg. 2019 Sep;270(3):484-492. doi: 10.1097/SLA.0000000000003459.

1. Gyan K, **Kyei I**, Susick L,Chen Y, Davies M, Salem B, Newman LA. African Clinicians Prioritization of Needs in International Breast Cancer Partnerships

JAMA Surg 2019; 154(2):182-184 doi

1. Sarfo Kantanka O, Ansah EO, **Kyei I**, Barnes NA Causes and Predictors of mortality among Ghanaian hospitalized with endocrine disorders

Int. Health 2020 Feb 12;12(2):107-115

1. Bayard S, Susick L**, Kyei I**, Chen Davis MB, Gyan K, Newman LA. Brief Report: Global health initiatives and breast oncology capacity building in Africa

Am J Surg. 2020 Apr;219(4):563-565. doi :10.1016/j.amjsurg.2020.01.034

1. Agbeko AE, Arthur J, Bayuo J, Kaburi BB**, Kyei I.** Seeking Healthcare at their ‘right time’, the iterative decision process of women with Breast cancer

BMC Cancer 2020 Oct 19;20(1):1011 doi: 10.1186/s12885-020-07520

1. Jiagge EM, Ulintz PJ, Wong S, McDermott SP, Fossi SI, Suhan TK, Hoenerhoff M, Besenhaver JM, Salem B, Dziubinski M, Oppong JK, Aitpillah F, **Kyei I,** Osei-Bonsu E, Adjei E, Awuah Baffour, Aldrich J, Kurdoglu A, Fernando K, Craig DW, Trent JM, Li J, Chitale D, Newman L , Carpten JD, Wicha MS, Marejver SD. Multiethnic PDX models predict a possible Immune Signature with TNBC of African Ancestry

Breast Cancer Res Treat 2021 Feb 12, doi:10.1007/s10549-021-068976-8

1. Mensah S, MaisonPOM**, Kyei I,** Adjei GA, Morna MT, Debrah S, Rahman GA

Evaluation of External Abdominal Wall Hernia Surgery in a Secondary Level Facility in Kumasi, Ghana

Jammr 2020 vol 32(11) 1-7 doi:10.9734/jammr/2020/v32i1130524

1. Gyasi-Sarpong CK, Maison POM, Dally CK, Azorliade R, Arhin KAA**, Kyei I**, Amoah M, Amoah G, Sagoe R, Otu Boateng K, Yifieyeh AC, Nimako B, Yorke J, Adinku MO, Aitpillah FSK, Darkwah DO, Frimpong- Twumasi B, Agbeko AE, Gyamfi FE, Oppong J

Default to elective surgery appointment at the Komfo Anokye Teaching Hospital, Kumasi, Ghana

Med.Med.Sci.8(2):014-017 doi:10.15413/mms.2020.0103

1. Martini R, Chen Y,Jenkins BD, Elhussin IS,Cheng E, Hoda SA, Ginter PS, Hanover J, Zeidan RB, Oppong JK, Adjei EK, Jibril A, Chitale D, Bensenhaver JM, Baffour Awuah, Bekele M, Abebe E, **Kyei I,** Aitpillah FS, Adinku MO, Ankomah K, Osei-Bonsu EB, Nathansan SD, Jackson L, Jiagge E, Peterson LF, Proctor E, Nikolinakos P, Gyan K, Yates C, Kittles R, Newman LA, Davis MB. Investigation of triple-negative breast cancer risk alleles in an International African- enriched cohort

Sci Rep. 2021 Apr 29;11(1):9247.doi: 10.1038/s41598-021-88613-w