

CURRICULUM VITAE

1. PERSONAL DETAILS

Full name: Alex Kwame Owusu-Ofori

Gender: Male

Date of Birth: 18th April 1970

Place of Birth: Legon, Accra.

Marital status: Married

Number of Children: Three (3)

Spoken languages: English, Twi, Ga

Written languages: English, Twi, Ga.

Profession: Doctor and Clinical Microbiologist

Address (office): Department of Clinical Microbiology, School of Medicine and Dentistry (KSMD) College of Health Sciences, Kwame Nkrumah University of Science and Technology (KNUST)/Komfo Anokye Teaching Hospital (KATH), Kumasi, Ghana.

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2. CURRENT POSITIONS:

- i) Senior Lecturer, Dept. of Clinical Microbiology, KSMD-KNUST.
- ii) Honorary Consultant and Head of Clinical Microbiology Unit
- iii) Honorary Lecturer in the University of Liverpool, UK
- iv) Research Fellow, School of Health Sciences, University of Kwazulu-Natal, Durban, South Africa
- v) Facilitator and examiner for the Diploma in Project Design and Management, currently run by Ghana College of Physicians and Surgeons

3. ACADEMIC DEGREES

Academic Institution	Qualification	Graduating year
Liverpool School of Tropical Medicine, Liverpool, UK	PhD (Tropical Medicine)	May 2012
Kwame Nkrumah University of Science and Technology (KNUST), Kumasi	MPhil (Clinical Microbiology)	June 2004
Johns Hopkins University, Baltimore, Maryland USA	Certificate in Epidemiology and Statistics	July 1998
KNUST, Kumasi, Ghana	MB ChB	December 1996
KNUST, Kumasi, Ghana	BSc. Human Biology	September 1993
Achimota Secondary School, Accra, Ghana.	General Certificate in Education Advanced Level	September 1989
Achimota Secondary School, Accra, Ghana.	General Certificate in Education Ordinary Level with Distinction	September 1987

4. PREVIOUS APPOINTMENTS

2013 – 2019	Lecturer, Dept of Clinical Microbiology, KNUST, Kumasi
2017 – till date	Deputy Chief Medical Officer, KATH, Kumasi
2009 – 2013	Principal Medical Officer, KATH, Kumasi
2005 - 2013	Clinical Microbiologist, KATH, Kumasi
2006 – 2008	Head, Diagnostics Directorate, KATH, Kumasi
2006 – 2008	Head, Infection Prevention and Control team, KATH, Kumasi.
2003 – 2009	Senior Medical Officer, Child Health Directorates, KATH,
1999 – 2003	Medical Officer, Department of Child Health, KATH, Kumasi
January 1999 – June 1999	Medical Officer, Department of Surgery, KATH, Kumasi
July 1998 – December 1998	Medical Officer, Department of Medicine, KATH, Kumasi

January 1998 – June 1998 House Officer, Department of Obstetrics and Gynaecology, KATH, Kumasi

July 1997 – December 1997 House Officer, Department of Child Health, KATH, Kumasi

5. UNIVERSITY TEACHING AND PROFESSIONAL ACTIVITIES

i) Professional activities

In KATH, I provide the needed support to clinicians who are handling infectious diseases. I do so through one on one discussions, ward rounds, discussions at clinical meetings and presentations at meetings and symposia. I provide direction in how specific samples should be processed depending on the clinical suspicion.

In KATH, I also lead the Infection Prevention and Control (IPC) activities in Komfo Anokye Teaching Hospital (KATH). My activities include drawing up policies and guidelines that will support and enhance IPC practices and also training staff of the hospital to understand and practice the recommendations. I investigate outbreaks of infections in the hospital.

I am involved in teaching postgraduate doctors who come to the microbiology laboratory for their laboratory rotation. Currently, doctors in the Ghana College of Physicians and Surgeons are required to be familiar with a number of laboratory procedures, methods and diagnostic options available. I have been teaching doctors especially from the Family Medicine and Paediatrics departments.

I have also been a facilitator and examiner for the Diploma programme (Diploma in Project Design and Management) organized by KATH, KNUST and Liverpool School of Tropical Medicine.

As an Honorary Research Fellow and Honorary Lecturer with the University of Kwazulu Natal and the Liverpool School of Tropical Medicine respectively, I am involved with supervision of students registered with both institutions.

ii) Teaching: I am involved in teaching undergraduate medical, dental, medical laboratory, nursing, midwifery and sonography students. I am also involved in teaching postgraduate students.

ii) Supervision of students

PhD students: Two of my PhD students have successfully completed their programme and I have four more in various stages of their research

MSc and MPhil Students: I have successfully supervised 30 students for their MSc and MPhil degrees and I have six more students who are yet to complete.

iv) Committees/Other services

I am a member of a Panel of Assessors of the National Accreditation Board for accreditation of Medical Schools (2017 till date)

I serve as a resource person for the National Blood Transfusion Service for many workshops and Continuous Professional Development programmes for Health Workers in Ghana (2014 – till date)

I am a member of the College of Health Sciences-KNUST Audit Team

I am the Examinations Officer for Department of Microbiology and the Deputy School Examinations Officer for the School of Medical Sciences –KNUST

I have served on many committees in KATH and KSMD including

- Investigative committee into leakage of patient information at the Oncology Directorate of KATH
- SMS Committee for the review of the school handbook
- SMS Committee on Health Education Leaflets
- SMS Education committee
- Microbiology Department committee for review of PhD curriculum
- SMS 40th Anniversary Committee

6. RESEARCH EXPERIENCE:

A. Current Research interests and activities

i) Detection and Prevention of Transfusion Transmitted Infections

My work in transfusion transmitted infections focused mainly on syphilis, malaria and bacteria. This work identifies some risks associated with transfused blood. In addition to the risks identified, my work explores ways by which these transfusion risks could be reduced. These are by screening methods and pathogen inactivation (PI). Mirasol, a novel PI system was studied by my team and collaborators and has proven to be very effective. This work has been published in the widely acclaimed Lancet, a leading medical journal.

ii) Antimicrobial resistance surveillance among pathogens from KATH

This component of my research activity is a continuous surveillance that is still ongoing. One component in antimicrobial resistance has focused on the antibiotic risks and utilization. My collaborators and I are currently involved in a nationwide survey among health workers, including nurses, doctors and pharmacists to determine their knowledge and practices that may contribute to antimicrobial resistance. Another component focuses on multi-drug resistant organisms and other difficult organisms that causes infection in KATH.

iii) Nosocomial infections and Infection Prevention and Control practices in KATH

I lead a team that is studying practices related to infection control in the hospital. We monitor activities such as hand hygiene and the use of protective equipment's and conduct investigations into how availability of supplies such as colour coded bags for waste disposal and sharps containers and how they affect practice. I am also involved in identifying contaminated surfaces and the modes of disinfection that eliminate these bacteria.

iv) The epidemiology and burden of Salmonella infections

This area of research combines both Salmonella Typhi and nontyphoidal salmonella infections. One aspect of the study, which looks at severe disease “the Severe Typhoid in Africa Programme” (SETA study) is multi centered and I am the Centre Coordinator for KATH. The other aspect (WHO surveillance study), which focuses on the prevalence and distribution of diseases is supported by the World Health organization.

v) Surveillance of Urinary tract infections for outpatients

This study is a collaboration with the University Medical Centre of Hamburg. Besides the research objectives, we aim to build human and infrastructural capacity to deliver good service and do high level research.

vi) Other studies that I have been conducting include:

1. Epidemiology of Sepsis in Adults patients in KATH
2. Post Caesarean section surgical site infections
3. *Clostridium difficile* diarrhea associated with antibiotic use

B. Previous research experience:

I have worked in various roles in research including conducting studies as an investigator, managing and monitoring of studies as a trial monitor and supervising studies as part of a data safety monitoring board.

Lead Investigator	Designing, piloting and establishing research tools, monitoring and evaluation systems for infection prevention and control including sharps disposal, waste management and hand hygiene (2007 – 2014)
Co-investigator	A study to assess impact of ART upscale in the care of HIV patients in KATH (January 2005-June 2006)
Principal Investigator	Study on the epidemiology of blood borne pathogens among healthcare workers in Ghana. This was funded by the International Society of Infectious Diseases. (2002 – 2003)
Clinical Investigator	A multi centered NIH sponsored clinical trial on Severe Malaria in African Children (SMAC) (January 2002 – August 2005)
Clinical Investigator	Young infant study which took place in KATH to predict indicators of severe diseases in infants (April 2001- November 2003)

Investigator	A multi-center prospective randomized clinical trial to compare efficacy of oral amoxicillin with that of injection penicillin in children with severe pneumonia. Funded jointly by the WHO and the Harvard Institute for International Development, Cambridge, MA, USA (1999 – 2000)
Investigator	Varied studies on the epidemiology and pathophysiology of severe malaria in children. Funding provided by NIH, USA (1996 – 2004)
Clinical Study monitor	Set up and monitoring of many malaria drugs (Artemisinin combination drugs) and vaccine trials across Africa in countries such as Ghana, Mozambique, Nigeria, South Africa, and Kenya. (2005-2014)
DSMB member	Have served as a DSMB member for 2 studies; Malaria in HIV patients in Kumasi and a randomized controlled trial for effectiveness of artemether-lumefantrine versus artesunate-amodiaquine in Ghanaian children. (2012, 2014)

7. CONTRIBUTION TO SCIENCE

i) Journal reviewer

I am a manuscript reviewer in the following journals

- Clinical Infectious Diseases
- PLoS ONE
- PLoS Neglected Tropical Diseases
- American Journal of Tropical Medicine and Hygiene
- Transfusion
- Journal of Infectious Diseases
- Transfusion Medicine Journal

ii) Editorial board

I am a member of the editorial board for the International Journal for Medical and Clinical Sciences (IJMCS)

8. MEMBERSHIP OF ASSOCIATIONS

I am a member of the following:

Ghana Medical Association

European Society of Clinical Microbiology and Infectious Diseases

Microbiology Society, UK

Infectious Diseases Society of America

9. RECENT CONFERENCES/SEMINARS AND WORKSHOPS

i) Conferences/Workshops attended

20-24 th November 2019	68 th Annual Meeting of American Society of Tropical Medicine and Hygiene in Maryland, USA
13 th -16 th April 2019	29 th European Congress of Clinical Microbiology in Amsterdam, Netherlands.
15-18 th October 2018	Grand Challenges Annual Meeting in Berlin, Germany.
21-24 th April 2018	28 TH European Congress of Clinical Microbiology and Infectious Diseases annual meeting in Madrid, Spain.
1 st -8 th July 2017	Dissemination and Promotion of Transfusion Infection Control in Ghana. This was training workshop in Japan, hosted by the Japanese Red Cross and Terumo BCT and was sponsored by Japanese International Cooperation agency (JICA)
23 rd – 24 th January 2017	Ghana Medical Journal workshop for authors at the Miklin Hotel Kumasi.
9 th June 2016	Good Clinical Practice for clinical monitoring at the 4 th WHO/TDR & EDCTP Alumni Clinical Research and Development Fellows meeting, in Geneva Switzerland.
9-12 th April 2016	26 TH European Congress of Clinical Microbiology and Infectious Diseases annual meeting in Amsterdam, Netherlands.
21 st - 22 nd October 2015	Good Clinical Practice Train-the-Trainer workshop in Cape Town, South Africa
17-20 th August 2015	5 th KNUST Summer School for Senior Members on the theme “Sustainable Development of Tertiary Institutions in Ghana amidst Economic and Security Challenges. Organized by QAPU- KNUST.
18 th -22 nd August 2014	4 th KNUST Summer School for Senior Members on the theme Advancing Science and Technology through Effective Communication. Organized by QAPU- KNUST.

ii) Invited oral presentations - International

Meeting	Title of Presentation
Grand Challenges Meeting, Berlin, Germany 15 th -18 th October 2018	Connecting capacity building and surveillance of antibiotic resistance
34 th International Congress of the International Society of Blood Transfusion, Dubai, UAE. 3-8 th September 2016	Global challenges of managing malaria risk
17 th International Haemovigilance Seminar, Paris, France. 9-11 th March 2016	Clinical and Biological Efficacy of Mirasol-treated fresh whole blood for the prevention of Transfusion-transmitted malaria.

48 th Annual Congress of the German Society for Transfusion (DGTI), Basel, Switzerland. 15-18 th September 2015	The African investigation of Mirasol system for whole blood.
47 th Annual Congress of the German Society for Transfusion Medicine (DGTI), Dresden, Germany 9 th – 12 th September 2014	AIMS-Mirasol Whole Blood Trial in Ghana

ii) Recent poster presentations

1. Owusu-Ofori A, Owusu-Ofori S, Nsiah S, Wilkinson S, Masaki M, Cardoso M, Knox P. Acute transfusion reactions in a teaching hospital in Ghana. Poster presentation at the 18th International Haemovigilance Seminar, 10-11th July 2018 in Manchester, UK.
2. Alex Owusu-Ofori, Eno Biney Chris Oppong. Antibiotic use in the accident and emergency department of a teaching hospital in Ghana. Poster presentation at the ID Week 2017, 4th- 8th October 2017, San Diego, California, USA.
3. Alex K Owusu-Ofori, Djeneba Bouare, Shirley Owusu-Ofori, Imelda Bates. Detection of Post –transfusion Malaria in children under five by a rapid diagnostic test. Presented at the American Association of Blood Banks annual meeting; 22-25th October 2016 at Orlando, Florida, USA
4. Alex Owusu-Ofori, Yaw Boaitey, Enoch Frimpong. Urinary tract infections in an African Teaching Hospital, a comparison of antimicrobial susceptibility of inpatients and outpatients and catheter associated risks. Poster presentation at ID Week 2014. 8-12th October 2014, Philadelphia, PA, USA
5. Sarkodie F, Bygberg I, Hassall O, Bates I, Owusu-Ofori A, Kordai Ansah J, Owusu-Ofori S and Ullum H. Syphilis testing and cross reactions for syphilis in Ghanaian blood donors. 23rd regional congress of the International Society of Blood Transfusion, 2nd – 5th June 2013, Amsterdam, Netherlands.
6. Owusu-Ofori A, Owusu-Ofori S, Parry C and Bates I. Adverse events of transfusion in a teaching hospital in Ghana. 23rd regional congress of the International Society of Blood Transfusion 2nd – 5th June 2013, Amsterdam, Netherlands.
7. Owusu-Ofori A and Bates I. Is malaria transmission through blood transfusion a problem for malaria endemic countries in Africa? 23rd regional congress of the International Society of Blood Transfusion. 2nd – 5th June 2013 Amsterdam, Netherlands.

8. Bacterial contamination of donated blood in a teaching hospital in Ghana (abstract number 1080). Oral presentation at the 31st International congress of the International Society of Blood Transfusion in Berlin, Germany. June 2010

9. Transfusion practices in a teaching hospital in Ghana (abstract number 1225). Oral presentation at the 31st International congress of the International Society of Blood Transfusion in Berlin, Germany. June 2010

10. Syphilis screening of donated blood in a teaching hospital in Ghana (abstract number 1222). Oral presentation at the 31st International congress of the International Society of Blood Transfusion in Berlin, Germany. June 2010

11. Prevalence of Malaria in Children under three months in a Malaria Endemic Area. (Abstract number 759). Presented at the annual meeting of the Infectious Diseases Society of America, at San Diego, California, October 2003.

12. Persistent Bacteremia and High Serum TNF- α . Levels in Glutamine Depleted Rats with Experimental Streptococcal Meningitis (Abstract number 154). Presented at the Infectious Diseases Society annual meeting, Diego, California, October 2002.

13. Routine Lumbar Puncture in Children with Febrile Seizures: Is it justified? (Abstract number 2111). Presented at the annual meeting of the American Society of Tropical Medicine and Hygiene, Atlanta, Georgia, November 2001.

14. Persistent Bacteremia and Rapid onset of Death in Zinc-Deficient Rats with *Streptococcus Pneumoniae* Meningitis (Abstract number 121). Presented at the Infectious Diseases Society annual meeting, San Francisco, California, October 2001.

15. The Potential Role of Micronutrients in Acute Bacterial Meningitis. 10th anniversary meeting of NIAID/ICTDR at NIH, Bethesda, MD, May 9-10 2001.

Workshops I have recently organized

1. Fighting Antibiotic Resistance – A pathway to Stewardship in KATH. I organized this workshop for Heads of Departments and Lead Clinicians at the Golden Tulip with support from ESTHER –Germany on the 29th August 2019.
2. The role of microbiology laboratory in Antimicrobial Stewardship. I organized this workshop for medical laboratory Scientist in KATH at the In-Service training Centre in September 2018
3. Workshop on Antimicrobial Stewardship for Healthworkers from KATH and KNUST Hospital. This took place at KCCR in October 2017

4. Workshop on Microbiological Methods, techniques of urine and blood culturing. A hands-on workshop organized in KATH microbiology laboratory

10. AWARDS/FELLOWSHIPS

- 2009 Named as an International Ambassador by the Society for Healthcare Epidemiology of America (SHEA) for outstanding contribution to Infection Prevention and Control in Africa.
- 2008 Scholarship award from the Commonwealth Scholarship Secretariat and the British Council to pursue a PhD.
- 2004 The World Health Organization Special Programme for Research and Training in Tropical Diseases (TDR) Career Development fellowship in Clinical Study management. A one year clinical research attachment with GSK Biologicals and TDR/WHO.
- 2000 International Training and Research in Emerging Infectious Diseases (ITRIED) fellowship supported by the National Institutes of Health- USA.
- 1998 Fogarty International Centre educational award to attend epidemiology course in Johns Hopkins

11. PUBLICATIONS

1. Acheampong, G., M. Owusu, A. Owusu-Ofori, I. Osei, N. Sarpong, A. Sylverken, H. J. Kung, S. T. Cho, C. H. Kuo, S. E. Park, F. Marks, Y. Adu-Sarkodie and E. Owusu-Dabo (2019). "Chromosomal and plasmid-mediated fluoroquinolone resistance in human *Salmonella enterica* infection in Ghana." *BMC Infect Dis* 19(1): 898.
2. Agyepong, N., U. Govinden, A. Owusu-Ofori, M. Allam, A. Ismail, T. Pedersen, A. Sundsfjord and S. Essack (2019). "Whole-Genome Sequences of Two Multidrug-Resistant *Acinetobacter baumannii* Strains Isolated from Patients with Urinary Tract Infection in Ghana." *Microbiol Resour Announc* 8(31).
3. Agyepong, N., U. Govinden, A. Owusu-Ofori, D. G. Amoako, M. Allam, J. Janice, T. Pedersen, A. Sundsfjord and S. Essack (2019). "Genomic characterization of multidrug-resistant ESBL-producing *Klebsiella pneumoniae* isolated from a Ghanaian teaching hospital." *Int J Infect Dis* 85: 117-123.
4. Konadu, D. G., A. Owusu-Ofori, Z. Yidana, F. Boadu, L. F. Iddrisu, D. Adu-Gyasi, D. Dosoo, R. L. Awuley, S. Owusu-Agyei and K. P. Asante (2019). "Prevalence of vulvovaginal candidiasis, bacterial vaginosis and trichomoniasis in pregnant women attending antenatal clinic in the middle belt of Ghana." *BMC Pregnancy Childbirth* 19(1): 341.
5. Okyere, B., A. Owusu-Ofori, D. Ansong, R. Buxton, S. Benson, A. Osei-Akoto, E. W. Owiredu, C. Adjei, E. Xorse Amuzu, J. Marfo Boaheng and T. Dickerson (2020). "Point

prevalence of asymptomatic Plasmodium infection and the comparison of microscopy, rapid diagnostic test and nested PCR for the diagnosis of asymptomatic malaria among children under 5 years in Ghana." PLoS One 15(7): e0232874

6. Stewardson AJ, Marimuthu K, Sengupta S, Allignol A, El-Bouseary M, Carvalho MJ, et al. Effect of carbapenem resistance on outcomes of bloodstream infection caused by Enterobacteriaceae in low-income and middle-income countries (PANORAMA): a multinational prospective cohort study. *Lancet Infect Dis.* 2019;19(6):601-10.

7. Donkor GY, Dontoh E, Owusu-Ofori A. A cross-sectional study on the prevalence of antibiotic use prior to laboratory tests at two Ghanaian hospitals. *PLoS One.* 2019;14(1):e0210716.

8. Agyepong N, Govinden U, Owusu-Ofori A, Amoako DG, Allam M, Janice J, et al. Genomic characterization of multidrug-resistant ESBL-producing *Klebsiella pneumoniae* isolated from a Ghanaian teaching hospital. *Int J Infect Dis.* 2019;85:117-23.

9. Konadu DG, Owusu-Ofori A, Yidana Z, Boadu F, Iddrisu LF, Adu-Gyasi D, et al. Prevalence of vulvovaginal candidiasis, bacterial vaginosis and trichomoniasis in pregnant women attending antenatal clinic in the middle belt of Ghana. *BMC Pregnancy Childbirth.* 2019;19(1):341.

10. Acheampong G, Owusu M, Owusu-Ofori A, Osei I, Sarpong N, Sylverken A, et al. Chromosomal and plasmid-mediated fluoroquinolone resistance in human *Salmonella enterica* infection in Ghana. *BMC Infect Dis.* 2019;19(1):898.

11. Adusei KA, Owusu-Ofori A. Prevalence of Plasmodium parasitaemia in blood donors and a survey of the knowledge, attitude and practices of transfusion malaria among health workers in a hospital in Kumasi, Ghana. *PLoS One.* 2018;13(11):e0206303

12. Agyepong, N., Govinden, U., Owusu-Ofori, A., & Essack, S. Y. (2018). Multidrug-resistant gram-negative bacterial infections in a teaching hospital in Ghana. *Antimicrobial Resistance and Infection Control*, 7(1). doi:10.1186/s13756-018-0324-2

13. Karikari, A.B., Frimpong, E., & Owusu Ofori, A. (2017). Methicillin-resistant *Staphylococcus aureus* among patients in a teaching hospital in Ghana. *International journal of One Health*, 3, 46-49. doi:10.14202/IJOH.2017.46-49

14. Owusu-Ofori, A., Owusu-Ofori, S., & Bates, I. (2017). Global challenges of malaria risk – perspectives from transfusion-transmitted malaria. *ISBT Science Series*, 12(1), 68-72. doi:10.1111/voxs.12318

15. Sarkodie, F., Hassall, O., Owusu-Dabo, E., Owusu-Ofori, S., Bates, I., Bygbjerg, I. C., .Owusu-Ofori, A., Harritshoj, L.H & Ullum, H. (2017). Improving the screening of blood donors with syphilis rapid diagnostic test (RDT) and rapid plasma reagin (RPR) in low- and middle-income countries (LMIC). *Transfus Med*, 27(1), 52-59. doi:10.1111/tme.12363

16. Owusu-Ofori, S., Allain, J. P., & Owusu-Ofori, A. (2017). Prevention of transfusion-transmitted malaria. *ISBT Science Series*, 12(1), 161-167. doi:10.1111/voxs.12338
17. Owusu-Ofori, A. K., Owusu-Ofori, S. P., & Bates, I. (2017). Detection of adverse events of transfusion in a teaching hospital in Ghana. *Transfus Med*. doi:10.1111/tme.12392
18. Sarkodie, F., Ullum, H., Owusu-Dabo, E., Owusu-Ofori, S., Owusu-Ofori, A., & Hassall, O. (2016). A novel strategy for screening blood donors for syphilis at Komfo Anokye Teaching Hospital, Ghana. *Transfus Med*, 26(1), 63-66. doi:10.1111/tme.12279
19. Allain, J. P., Assennato, S. M., Osei, E. N., Owusu-Ofori, A. K., Marschner, S., Goodrich, R. P., & Owusu-Ofori, S. (2016). Characterization of posttransfusion Plasmodium falciparum infection in semi-immune nonparasitemic patients. *Transfusion*, 56(9), 2374-2383. doi:10.1111/trf.13706
20. Allain, J. P., Owusu-Ofori, A. K., Assennato, S. M., Marschner, S., Goodrich, R. P., & Owusu-Ofori, S. (2016). Effect of Plasmodium inactivation in whole blood on the incidence of blood transfusion-transmitted malaria in endemic regions: the African Investigation of the Mirasol System (AIMS) randomised controlled trial. *Lancet*, 387(10029), 1753-1761. doi:10.1016/S0140-6736(16)00581-X
21. Owusu-Ofori, A., Gadzo, D., & Bates, I. (2016). Transfusion-transmitted malaria: donor prevalence of parasitaemia and a survey of healthcare workers knowledge and practices in a district hospital in Ghana. *Malar J*, 15, 234. doi:10.1186/s12936-016-1289-3
22. Owusu-Ofori, S., Kusi, J., Owusu-Ofori, A., Freimanis, G., Olver, C., Martinez, C. R., Wilkinson, S., Mundt, J.M., Keil, S.D., Goodrich, R.P., & Allain, J. P. (2015). Treatment of Whole Blood With Riboflavin and UV Light: Impact on Malaria Parasite Viability and Whole Blood Storage. *Shock*, 44 Suppl 1, 33-38. doi:10.1097/SHK.0000000000000280
23. Owusu-Ofori, A., Owusu-Ofori, S., & Bates, I. (2015). Transfusion-transmitted Malaria in Sub-Saharan Africa. *ISBT Science Series*, 10(S1), 206-210. doi:10.1111/voxs.12138
24. Owusu-Ofori, A. K., Betson, M., Parry, C. M., Stothard, J. R., & Bates, I. (2013). Transfusion-transmitted malaria in Ghana. *Clinical Infectious Diseases*, 56(12), 1735-1741.
25. Brenyah, R. C., Arkoful, J. G., Amoako, J. A., and Owusu-Ofori, A. RDT usage in the Out-Patients Department of a Teaching Hospital in a Malaria-Endemic Region. *Int. Journal of Biomedical and Healthcare Science*. 2013. Vol 3 (2): pp. 103-111
26. Owusu-Ofori A. K, Bates I Impact of inconsistent policies for transfusion-transmitted malaria on clinical practice in Ghana. *PloS One*. 2012; 7(3):e34201
27. Owusu-Ofori A. K, Parry CM, Bates I. Transfusion-transmitted syphilis in teaching hospital, Ghana [letter]. *Emerg Infect Dis* 2011; 17(11): 2080-2

28. Owusu-Ofori, A. K, Parry C, Bates I. Transfusion-transmitted malaria in countries where malaria is endemic: A review of the literature from sub-Saharan Africa. *Clinical Infectious Diseases*. 2010;51(10):1192-8.
29. Owusu-Ofori, A., Jennings R, Burgess J, Prasad PA, Acheampong F, Coffin SE. Assessing hand hygiene resources and practices at a large African teaching hospital. *Infection Control and Hospital Epidemiology*. 2010;31(8):802-8.
30. Thera MA, Doumbo OK, Coulibaly D, Diallo DA, Kone AK, Guindo AB, Traore K, Dicko A, Sagara I, Sissoko MS, Baby M, Sissoko M, Diarra I, Niangaly A, Dolo A, Daou M, Diawara SI, Heppner DG, Stewart VA, Angov E, Bergmann-Leitner ES, Lanar DE, Dutta S, Soisson L, Diggs CL, Leach A, Owusu A, Dubois M-, Cohen J, Nixon JN, Gregson A, Takala SL, Lyke KE, Plowe CV. Safety and immunogenicity of an AMA-1 malaria vaccine in Malian adults: Results of a phase 1 randomized controlled trial. *PLoS ONE*. 2008;3(1)
31. Phillips EK, Owusu-Ofori, A, Jagger J. Blood borne pathogen exposure risk among surgeons in sub-Saharan Africa. *Infection Control and Hospital Epidemiology*. 2007; 28(12):1334-6.
32. Macete, E.V., Sacarlal, J., Aponte, J.J., Leach, A., Navia, M.M., Milman, J., Guinovart, C., Mandomando, I., López-Púa, Y., Lievens, M., Owusu-Ofori, A., Dubois, M.-., Cahill, C.P., Koutsoukos, M., Sillman, M., Thompson, R., Dubovsky, F., Ripley, W.R., Cohen, J. & Alonso, P.L.. Evaluation of two formulations of adjuvanted RTS, S malaria vaccine in children aged 3 to 5 years living in a malaria-endemic region of Mozambique: A phase I/IIb randomized double-blind bridging trial. *Trials*. 2007;8.
33. Polage, C.R., Bedu-Addo, G., Owusu-Ofori, A., Frimpong, E., Lloyd, W., Zurcher, E., Hale, D. & Petti, C.A.. Laboratory use in Ghana: Physician perception and practice. *Am J Trop Med Hyg*. 2006;75(3):526-31.
34. Evans, J.A., May, J., Ansong, D., Antwi, S., Asafo-Adjei, E., Blay Nguah, S., Osei-Kwakye, K., Osei Yaw Akoto, A., Owusu Ofori, A., Sambian, D., Sylverken, J., Busch, W., Timmann, C., Agbenyega, T. & Horstmann, R.D. Capillary refill time as an independent prognostic indicator in severe and complicated malaria. *J Pediatr*. 2006;149(5):676-81.
35. Owusu-Ofori A, Agbenyega T, Ansong D, Scheld WM. Routine lumbar puncture in children with febrile seizures in Ghana: Should it continue? *International Journal of Infectious Diseases*. 2004;8(6):353-61.
36. Planche, T., Agbenyega, T., Bedu-Addo, G., Ansong, D., Owusu-Ofori, A., Micah, F., Anakwa, C., Asafo-Agyei, E., Hutson, A., Stacpoole, P.W. & Krishna, S. A prospective comparison of malaria with other severe diseases in african children: Prognosis and optimization of management. *Clinical Infectious Diseases*. 2003;37(7):890-7.
37. Agbenyega, T., Planche, T., Bedu-Addo, G., Ansong, D., Owusu-Ofori, A., Bhattaram, V.A., Nagaraja, N.V., Shroads, A.L., Henderson, G.N., Hutson, A.D., Derendorf, H., Krishna,

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