**CURRICULUM VITAE**

**General Information:**

*DATE PREPARED*: February 20th, 2020

**Name**: **Bernard Cudjoe Nkum**

**Office Address**: School of Medical Sciences, Kwame Nkrumah University of Science and Technology, Komfo Anokye Teaching Hospital, Box 1934, Kumasi, Ghana

**Home Address**: Block C Plot 5, Brofoyedur , Kumasi, Ghana

**Email**: bnkum10@yahoo.co.uk

**TEL:** Cell: + 233 20 901 7647

**Date/Place of Birth:** January 15th, 1960, at Takoradi, Western Region, Ghana

**Nationality:** Ghanaian

**Marital status & Family**: Married with four children

**Education:**

1984 BSc. (Human Biology); School of Medical Sciences (SMS), Kwame Nkrumah University of Science and Technology (KNUST), Kumasi, Ghana

1987 MB ChB, School of Medical Sciences (SMS), Kwame Nkrumah University of Science and Technology (KNUST), Kumasi, Ghana

1993 Qualifying examination, Human Resource Unit, Ministry of Health, Ghana. Best candidate Internal Medicine

1994 Primary FWACP (Internal Medicine) Best Candidate

1995 USMLE I and II

1997 TOEFL

1998 Part I FWACP (Internal Medicine) Best Candidate

2001 Part II (Final) FWACP (Internal Medicine) Best Candidate

2002 TOEFL (to revalidate ECFMG certificate, valid through April 2004)

2007 Graduate Record Examination

2008 MPH Student Harvard School of Public Health, Boston, Massachusetts , USA

**Postdoctoral Training:**

1991 Problem Solving for Better Health, University of Ghana Medical Health Foundation

1996 Anaemia and Sickle Cell Disease, Ghana Medical Association

1999 Training the Trainers Workshop, Medical Research Council Laboratories, Fajara, The Gambia

2000 Basic Clinical Ultrasound, Medical Research Council Laboratories, Fajara, The Gambia

2001 Health Writing Workshop, British Medical Journal, West African Edition Group

2001 Infectious Diseases Seminar, Ghana Medical and Dental Council

2001 Cardiovascular Disease Seminar, Ghana Medical and Dental Council

2002 19th Scientific Meeting of the International Society of Hypertension and 12th European Meeting on Hypertension, Prague, Czech Republic

2003 E-learning in Continuing Medical Education Workshop, May 12-16th, 2003, at Oxford University, Oxford, UK

2004 Lown Fellowship in Cardiovascular Disease in the Developing World Lown Cardiovascular Research Foundation, Brookline, Brigham and Women’s Hospital, Harvard Medical School (HMS), Harvard University, Boston, MA USA

2004 Completed the BWH HIPAA Mandatory Privacy Training on April 15th, 2004 organized by the Brigham and Women’s Hospital, Harvard Medical School, Boston, MA, USA

2004 Successfully completed the national cognitive and skills evaluation in accordance with the Curriculum of the American Heart Association for Basic Life Support for Health Providers (CPR &AED) Program on August 4th, 2004 organized by the Brigham and Women’s Hospital, HMS. Boston, MA, USA

2004 Attended Cardiac Registry Summer Course 2004 entitled “Introduction to Congenital Cardiac Pathology on July 8-9th, 2004 organized by the Children’s Hospital, Boston, Harvard Medical School, Boston, MA. USA

2004 Completed the program titled Advanced Cardiac Life Support (# 427) on September 18th, 2004, organized by the Brigham and Women’s Hospital, HMS, Boston, MA, USA

2004 Awarded a certificate for participating in the educational activity titled “Update and Review of Echocardiography 2004”, October25-27, 2004. Organized by the Department of Continuing Medical Education of the Harvard Medical School, Boston, MA, USA

2004 Awarded a certificate for successful completion of the program titled IV Conscious Sedation Review on www.medcom.com on November 18, 2004 organized by Brigham and Women’s Hospital, HMS, Boston, MA USA

2004 Attended “Orientation to Radiation Safety” held on December 9th, Organized by the Brigham and Women’s Hospital, HMS, Boston MA USA

2005 Attended the Tutorial on Nuclear Cardiology for fellows/residents organized by the American Society of Nuclear Cardiology on February 4th, 2005 in Boston MA USA

2005 Attended 6th Annual Partners Physicians Day organized by the Partners HealthCare on February 12th, 2005, in Boston, MA USA

2006 Awarded a certificate (CR# 81235) by the CITI Course, sponsored by the University of Miami, USA, for completion of all CITI Program requirements for the Basic CITI Course in The Protection of Human Research Subjects on February 16th, 2005 at Brigham and Women’s Hospital, Boston, MA USA

2005 Attended the New England Science Symposium organized by the Minority Faculty Development Program, Office for Diversity and Community Partnership, Harvard Medical School and Biomedical Science Careers Program on March 4th, 2005 at Boston MA USA

2005 Awarded a certificate by the Dannemiller Memorial Educational Foundation for participating in the educational activity titled: Emerging Science of Lipid Management 2005 -Key Challenge Forum at Boston, MA on May 17, 2005

2005 Awarded a certificate for participating in the educational activity titled “Cardiovascular Medicine: Review and Update for the practitioner”, May 22-26, 2005. Organized by the Department of Continuing Medical Education of the Harvard Medical School, Boston, MA

2005 Awarded a certificate for participating in the educational activity titled: Managing Acute Heart Failure in Patients with Chronic Kidney Disease on June 15, 2005 organized by i3 DLN, in Boston, MA

2005 Awarded a certificate by the American Society of Echocardiography for participating in the educational activity titled: The Heart of the Matter; Update in the Diagnosis and Management of Heart Disease in Women for the Non-Cardiologist, at the Hynes Convention Center in Boston, MA on June 18, 2005

2005 Awarded a certificate by the American Society of Echocardiography for participating in the educational activity titled: Free CME Workshop for the Medical Practitioner and Scientist: Use of Echo in Medical Practice and Bench Research at the Westin Copley Place in Boston, MA on June 18, 2005

2005 Awarded a certificate by The John Hopkins University School of Medicine (CME) for participating in the educational activity titled: DATAWAVE: Translating the Latest Lipid Evidence into Effective Care at Boston, MA on May 10, 2005

2005 Attended the Oxford Health Alliance Summit at Yale University, New Haven, USA, from October 30 – November 2005

2005 Awarded a certificate by the American Heart Association for participating in the Scientific Sessions held in Dallas, Texas from October 30 to November 02, 2005

2005 Awarded a certificate for participating in the educational activity titled “CVD in Women Series: Managing Cardiovascular Disease in Women: Are We failing Their Hearts”, December 3, 2005. Organized by the Office of Continuing Medical Education, The John Hopkins University School of Medicine, Baltimore, Maryland, USA

2006 Awarded a certificate for participating in the 3rd African Heart Seminar held in Kumasi, Ghana

2006 Attended the workshop entitled “Managing Total CVD risk from 5th -6th of May 2006, in Paris, France

2006 Attended a seminar for training coordinators. West Africa College of Physicians (WACP) in Accra on 25th August 2006

2006 Awarded a certificate by Association for Health Information and Libraries in Africa (AHILA). For attending the 10th AHILA Congress in Mombassa, Kenya from 23rd to 27th October, 2006

2007 Speaker, Arrhythmias/Coronary Artery Disease at the Update Course in Cardiology Organized by the Ghana College of Physicians and Surgeons in collaboration with the West Africa College of Physicians in Accra from 5th -7th June 2007

2007 Attended the European Society of Cardiology (ESC) Congress in Vienna, Austria from 30th – August to 5th September 2007

2008 Attended a Continuing Professional Development Programme on Ethics and Law organized by the Medical and Dental Council, Ghana on 20th September, 2008 in Kumasi

2008 Speaker, Acute Cardiac Care in Ghana, Promises and Challenges organized by the Association of Black Cardiologists symposium on Cardiovascular Disease in Ghana in January 2008

2008 Speaker, Anticoagulation, organized by the West African College of Physicians, Ghana Chapter in Kumasi

2009 Participated in the Strategic Leadership and Management Course for the Enhancement of Education of Health Professionals from 11th -16th January, 2009

2009 Speaker, Investigation in Cardiology and Ischaemic Heart Disease during a Revision Course organized by the West African College of Physicians in July 2009 in Accra

2010 Awarded a certificate for attending The Doctors as Educators workshop organized by the Royal College of Physicians in Ibadan, Nigeria from 14th -17th April 2010

2010 Awarded a certificate of completion for Good Clinical Practice Training provided by the London School of Tropical Medicine, on 11th July, 2010

2011 Attended the Royal College of Physicians /West African College of Physicians Doctors as Educators Faculty Development workshop from 21 – 23 March 2011 in Ibadan, Nigeria

2011 Participated in the 2nd International Update Course in Cardiology, 24th – 27th May 2011, Accra, Ghana

2012 Attended the 2012 Cardiovascular Summit on the 28th July 2012 at the Holiday Inn Hotel, Accra, Ghana

2013 Attended the 53rd Annual Scientific Conference of the West African College of Surgeons with the theme “Surgery and the Millennium Development Goals: Two years to go” in Lome, Togo from 10th March – 15th March 2013

2013 Attended the 2013 Cardiovascular Summit on 1st August 2013 at the Holiday Inn Hotel, Accra, Ghana

2013 Attended the European Society of Cardiology Congress 2013 in Amsterdam, Netherlands from 31st August to 4th September 2013

2014 Attended the Heart Health Symposium 2014, from 13 – 15 February 2014, in Dusseldorf, Germany

2014 Participated in the 37th Annual General & Scientific Meeting of the West African College of Physicians (Ghana Chapter) with the theme “New era for Mental Health in Ghana” on 29th August 2014 in Accra

2015 Attended the European Society of Cardiology Congress 2015 in London, UK from 29th August -2ndSeptember, 2015

**Internships, residencies, clinical and research fellowships:**

1988-1990 Internship in Obstetrics and Gynaecolgy, Internal Medicine, Surgery, Child Health at KomfoAnokye Teaching Hospital (KATH), Kumasi

1994-1998 Residency in Internal Medicine

1997 Revision Course in Internal Medicine UCH, Ibadan, Nigeria

1998-2001 Senior Resident in Internal Medicine

1999-2000 West African Fellow at the Medical Research Council Laboratories, United Kingdom (MRC Labs, UK), Fajara, The Gambia

2004-2006 Lown Fellowship in Cardiovascular Disease in the Developing World, Lown Cardiovascular Research Foundation, Brigham and Women’s Hospital, Harvard Medical School, Boston, Massachusetts, USA

July 5th–August 19th 2005 Awarded a certificate for completing the Program in Clinical Effectiveness; A Joint Program of Brigham and Women’s Hospital, Massachusetts General Hospital, Harvard Medical School & Harvard School of Public Health

March 1st–February 28th 2006 Clinical/Research Fellow, Brigham and Women’s Hospital, Boston, MA USA

March 1st 2004–February 28th 2006 Research Fellow, Harvard Medical School, Boston, MA, USA

**Licensure/Certificate**

1988 MB ChB Medical and Dental Council, Ghana

2000 MB ChB Medical and Dental Council, The Gambia

2001 FWACP Medical and Dental Council Ghana

2004-2006 MD Commonwealth of Massachusetts, Board of Registration in Medicine, Massachusetts, USA

2005 Foundation Fellow Ghana College of Physicians and Surgeons (FGCP)

2006 Fellowship in Cardiovascular Disease. Lown Cardiovascular Research Foundation. Harvard Medical School. Brigham and Womens’ Hospital

2012 Elected to the fellowship of the Royal College of Physicians (FRCP), London

**Type of License or Certification:**

MB Ch.B, Medical and Dental Council, Ghana.

(Kwame Nkrumah University of Science and Technology-School of Medical Sciences): Annual Retention Certificate

MB ChB Medical and Dental Council, The Gambia: One year Certificate

FWACP (Fellow of the West African College of Physicians): Annual Retention Certificate

FGCP (Fellow of the Ghana College of Physicians and Surgeons): Annual Retention Certificate

MD Commonwealth of Massachusetts, Board of Registration in Medicine, Massachusetts, Boston, USA Certificate of Limited Registration

Fellowship in Cardiovascular Disease, Lown Cardiovascular Research Foundation

FRCP (Fellow of the Royal College of Physicians, London)

**Academic Appointments:**

2000-2010 Lecturer, Department of Medicine, SMS/KNUST, Kumasi, Ghana

2011 External Examiner, School of Medical Sciences, University of Cape Coast, Cape Coast, Ghana

2010 Senior Lecturer, Department of Medicine, SMS/KNUST, Kumasi, Ghana

2012 Part time teaching appointment (M Phil) Department of Biochemistry, KNUST, Kumasi, Ghana

2014 Part-Time teaching appointment in the School of Medical Sciences, University of Cape Coast, Cape Coast, Ghana

2014 Associate Professor Department of Medicine, SMS, KNUST, Kumasi, Ghana

2014 External Examiner,Faculte a Caractere Special de Formation Medicale, UniversiteD’Abomey-Calavi, Republique Du Benin

2016 External Examiner, University of Ghana School of Medicine and Dentistry, University of Ghana, Legon, Ghana

**Hospital or Affiliated Institution Appointments:**

1988 House Officer, KATH, Kumasi, Ghana

1989-1990 Medical Officer, KATH, Kumasi, Ghana

1990-1992 Medical Officer in Charge, Juaben Teaching Health Centre, SMS/KNUST and Ministry of Health Joint Project

1991-1992 Acting District Medical Officer of Health, EjisuJuaben District, Ashanti Region, Ghana

1992-1994 Medical Officer of Health Kumasi, Ghana

1992-1994 Medical Officer, KATH, Kumasi, Ghana

1994-2001 Senior Medical Officer of Health, KATH, Kumasi , Ghana

2001-2009 Specialist Physician, KATH, Kumasi, Ghana

2002 Team Head, Department of Medicine, KATH, Kumasi, Ghana

2004-2006 Clinical Fellow, Cardiovascular Division, Department of Medicine, Brigham and Women’s Hospital, Harvard Medical School, Boston, MA, USA

2009 Honorary Consultant Cardiologist, KATH, Kumasi Ghana from January 1st, 2009

**Other Professional Positions and Major Visiting Appointments:**

Oct 1999-Oct 2000 West African Fellow at Medical Research Council Laboratories, Fajara, The Gambia

2002-2004 Secretary, Faculty of Internal Medicine, Ghana Chapter, West Africa College of Physicians

2002 Teaching of residents in the Department of Medicine, KomfoAnokye Teaching Hospital

2003 Tutor (academic) for medical students of the School of Medical Sciences, KNUST

2006 Examiner (Internal Medicine), West Africa College of Physicians

2007-2010 Assistant Secretary General, West Africa College of Physicians

2006 Co-Director, Ashanti-ProCOR Project

2007-2009 Member of the School Board of the School of Medical Sciences, KNUST

2011-2014 Secretary-General, West Africa College of Physicians

2011 Member of the Internal Medicine Faculty Board, GCPS

2013 Moderator for the Physician Assistantship programme(s) at the Narh-Bita College, Tema, Ghana

2014 Moderator for the BSc. Physician Assistantship Programme at Radford University College. Accra Ghana

2015 Immediate Past Secretary-General, West African College of Physicians

2015 Elected as the Subspeciality Head (Acute Medicine) of the Faculty of Internal Medicine of the West African College of Physicians

2015 Member, Quality Assurance Committee of the West African College of Physicians

2017 Member of the School Board of the School of Medical Sciences, KNUST

2018 Chief Examiner, Internal Medicine, Ghana College of Physicians and Surgeons

2019 Member, Quality Assurance Committee of the School of Medicine and Dentistry, KNUST

**Hospital, Health Care Organization Service Responsibilities:**

2007 Member, Expert Committee for the Standard Treatment Guidelines, Ghana National Drugs Programme, Ministry of Health, Ghana

**Major Administrative Responsibilities:**

1990-1992 Medical Officer-in Charge, Juaben Teaching Health Centre, SMS/KNUST and Ministry of Health Joint Project

1991-1992 Acting District Medical Officer of Health, EjisuJuaben District, Ashanti Region, Ghana

12/05/06 – 20/05/06 Acting Head , Department of Medicine, School of Medical Sciences , Kwame Nkrumah University of Science and Technology, Kumasi Ghana

09/05/2006 Attended the 9th Emergency Meeting of the Board of the College of Health Sciences, KNUST as Acting Head, Department of Medicine

01/08/2018 Head, Department of Medicine, School of Medical Sciences , Kwame Nkrumah University of Science and Technology, Kumasi, Ghana

01/08/2018 Head, Medicine Directorate, Komfo Anokye Teaching Hospital, Kumasi, Ghana

**Major Committee Assignments:**

2002 Faculty Secretary, Faculty of Internal Medicine, West African College of Physicians

2002 National Non-Communicable Diseases Committee, Member, Ministry of Health, Ghana

2002 Oxford E-Learning Certificate Programme for Global Health, Author/Development Partner/Programme Manager, University of Oxford, Oxford, UK

2002 Ghana College of Physicians and Surgeons (GCPS), Faculty of Internal Medicine Organizing Group, Member

2006 Member, Cardiology Subspecialty Committee to draft fellowship training programme for the Ghana College of Physicians and Surgeons

2007 Member, Expert Committee for the Standard Treatment Guidelines, Ghana National Drugs Programme, Ministry of Health Ghana

2016 Team Leader (Other members, Professor Jenifer Welbeck, Professor Michael Ohene-Yeboah, Professor Samuel Obed) to conduct Medical Educational Needs Assessment of postgraduate teaching hospitals in Liberia supported by American International Health Alliance (AIHA) and the Health Resources and Services Administration (HRSA) USA

**Professional Societies:**

1988 Ghana Medical Association

1988 Ghana Catholic Doctors Guild

2001 Fellow of the West African College of Physicians

2003 Foundation Fellow of the Ghana College of Physicians and Surgeons

2005 KNUST North American. / KNUST Alumni

2005 American Heart Association

2006 Ghana Society of Internal Medicine

2006 Ghana Society of Hypertension and Cardiology

2006 Harvard Alumni Association

2013 Acute Cardiovascular Care Association

**Community Service Related to Professional Work:**

1992 HIV/AIDS Counseling: Ministry of Health, Ashanti Region, Ghana. Delivered several lectures to associations and groups in Ghana on topics such as AIDS, diabetes, and hypertension

2005 Participated in the teaching of the course “Every Step Counts”, a Nutrition and Exercise Prevention Course for Codman Academy, Dorchester, MA USA organized by Susanna E. Bedell, MD, FACP, Lown Cardiovascular Center, Harvard Medical School from March to June 2005

2007 Guest Speaker at the symposium titled “Innovative Management of Hypertension with Multiple Risk Factors” in Accra on March 20th 2007

2007 Reviewer of the book titled “Cardiovascular Diseases in Sub-Saharan Africa at the launch of the book in Kumasi on 22nd May 2007

2008 Delivered a lecture on the topic “Anticoagulation: under the theme Prevention and Treatment of CVD in Ghana” at annual AGSM of the Ghana Chapter of the West African College of Physicians in Kumasi in October 2008

**Editorial Boards:**

2005 Contributing editor, [www.procor.org](http://www.procor.org) ,Lown Cardiovascular Research Foundation, Harvard School of Public Health, Boston MA USA

2007 Reviewer Ghana Medical Journal from 15th June 2008

2008 Assistant Editor-in-Chief of the West African Journal of Medicine, 30th October 2008

2012-2014 Reviewer for Clinical Case Reports

2015 - Editorial Board Member, West African Journal of Medicine

**Awards and Honours:**

1992 Certificate, World Health Organization, Africa Region, for MB ChB Community Health Thesis on Hypertension

1998 Ayo Iyun Memorial Prize, Best Candidate in Internal Medicine Part I Examination (FWACP)

2001 S.F. Kuku Prize, Best Overall Performance Parts I and II Examinations in Internal Medicine (FWACP)

2001 Certificate of Honour in appreciation of hard work and dedicated service, Department of Medicine, School of Medical Sciences, KNUST

2005 Trophy: Member of the three–man Cardiology fellows team of the Massachusetts General Hospital /Brigham and Women’s (Lown Cardiovascular Center) which won “The Pfizer 7th Annual Cardiology Bowl” held at the Seaport Hotel, Boston, MA on October 11, 2005

2015 Awarded a certificate of appreciation by the OtumfuoOsei Tutu II Charity Foundation in recognition of valuable support in health delivery activities in deprived areas

**Professional Publications and Scientific Papers:**

1 Correcting Total Serum Calcium The Lancet March 11, 1989

2 Deliberate Self Harm Ghana Medical Journal Vol 13 No 21 June 1989: 81-87

3. Bernard Nkum Malaria Pulmonary Oedema(file://D:\HTA\Malaria\ClinicalCases\ClinicalCases.hta 2003 E-learning in Global Health for Africa: Specialist author on the pulmonary oedema in Malaria; virtual clinical case of the Malaria module

4. 2004: The Test of Time (ProCOR) New goals recommended for cholesterol (response): procorbounces-bounces@healthnet org on behalf of Nkum Bernard C, MD Friday, August 06, 2004

5. 2004: Availability and Cost of Internet access in Ghana. (ProCOR).procorbounces-bounces@healthnet org on behalf of Nkum, Bernard C, MD Thursday, October 14, 2004

6. 2004: Passive smoking and risk of Coronary Heart Disease and Stroke: Prospective study with cotinine measurement. (ProCOR) (review) procorbounces-bounces@healthnet org on behalf of Dean, Eric and Nkum, Bernard C, MD Friday, November 5, 2004

7. 2004: C- Reactive Protein and Atherosclerosis of the Thoracic Aorta. (ProCOR). (review) procorbounces-bounces@healthnet org on behalf of Dean, Eric and Nkum, Bernard C, MD Friday, November 5, 2004

8. 2004 Overweight and Obesity among Ghanaian Women. (ProCOR).:procorbounces-bounces@healthnet org on behalf of Nkum, Bernard C, MD Wednesday, December 1, 2004

9. 2005: Trends in blood pressure over 10 years in adolescents: analysis of cross-sectional surveys in the Northern Ireland Young Hearts Project. (ProCOR) (reviw): procorbounces-bounces@healthnet org on behalf of Nkum, Bernard C, MD and Dean, Eric. Friday, January 21, 2005

10. 2005 Is debt relief all it claims to be? (ProCOR) (response): procorbounces-bounces@healthnet org on behalf of Nkum, Bernard C, MD Toesday, June 21, 2005

11. 2005: Assessment of Absolute Cardiovascular risk as a starting point for interventions to reduce cardiovascular risk in hypertensive patients. (ProCOR) (commentary): procorbounces-bounces@healthnet org on behalf of Nkum, Bernard C, MD Thursday, June 30, 2005

12. 2005: Africa’s role in health research. (ProCOR): procorbounces-bounces@healthnet org on behalf of Nkum, Bernard C, MD September 27, 2005

13. 2005 Iinternational consensus on CPR (ProCOR): procorbounces-bounces@healthnet org on behalf of Nkum, Bernard C, MD Tuesday, 2005

14. 2005: Cost-Effectiveness Analysis of Hypertension Guidelines South Africa (2) (ProCOR) (response): procorbounces-bounces@healthnet org on behalf of Nkum Bernard C, MD Wednesday, December 21, 2005

15. B. C. Nkum, O. Nyan, T. Corrah, T. C. Ankrah, S. Allen, F. B. Micah and K. MacAdam, Resting electrocardiographic and echocardiographic findings in an urban community in The Gambia. Journal of Science and technology, Vol. 29, No. 1, April 2009

16. Agyemang Yeboah F, Bernard Nkum. HIV/AIDS: an overview (2011): In Colin R. Martin and V. R Preedy (Editors) Scientific Basis of Healthcare. AIDS and Pregnancy. Science Publishers (USA) Copyright ©2011 CRC

17. F. B. Micah and B. C. Nkum, Lipid disorders in hospital attendants in Kumasi, Ghana, Ghana Medical Journal, March 2012, Vol 46 No1 pp14-21

18. C. Agyemang, G Attah-Adjepong, E. Owusu Dabo, A. DeDe-Graft Aikins, J. Addo, A K. Edusei, B. C. Nkum and G. Ogedegbe Stroke in Ashanti Region of Ghana. Ghana Medical Journal Vol 46 No 2 suppl June 2012 pp12-17

19. A. K. Edusei, J. Bentum and B. Nkum, Birth weight of newborns in relation to nutritional status of pregnant women attending antenatal clinic at the Nkawie Government Hospital in Atwima Nwabiagya District, Ghana, Journal of Ghana Science Association, Vol 15 No 1 2013 pp24-29

20. Bernard C. Nkum and Francis Agyemang-Yeboah. Point of care testing in modern medical practice (2013): In Francis Agyemang –Yeboah, Henry Asare-Anane and Sylvester Yaw Oppong (Editors) Tropical series in Health Science 1 Research Signpost Publishers (India) Rights Reserved 2013

21. Bernard Cudjoe Nkum, Frank Botsi Micah, Theophilus C. Ankrah, Ousman Nyan, Left ventricular hypertrophy and insulin resistance in adults from an urban community in the The Gambia: Cross-sectional study, PLOS ONE, [www.plos.org](http://www.plos.org)Vol 9, issue 4, April 2014, e93606

22. Mavis Aggrey, Frank Frimpong Opuni, Bernard Cudjoe Nkum, Time as a determinant National Health Insurance Scheme subscriber health care utilization, Journal of Social Sciences (COES&RJ-JSS) Vol 3, No 3 Jul 2014, pp399-407

23. D. N. Ofosu, C. Opoku-Okrah, B. Nkum and J Murphy The expression of SLAMF7levels in malignant B cells: A novel therapeutic pathway for patients with CLL Journal of Science and Technology, Vol. 35, No. 1(2015), pp1-10

24. Claudia Donkor, Anthony Kwaku Edusei, Kofi Akohene Mensah, Bernard Nkoom, Paul Okyere, Emmanuel Appiah Brempong, Rose Odotei Adjei, Prevalence of hypertension and obesity among women in reproductive age in the Ashaiman municipality in the Greater Accra Region of Ghana, Developing \Country Studies, Vol. 5. No 2 2015, pp89-96

25. Enoch Owusu Afriyie, Anthony Kwaku Edusei, Bernard Nkoom, Paul Okyere, Rose Odotei Adjei, Emmanuel Appiah-Brempong Antibiotics availability and usage in health facilities: A case of the Offinso South Municipality of Ghana, Journal of Biology, Agriculture and healthcare, Vol 5, No 2 2015, pp139-144

26. Bernard C. Nkum, Frank B. Micah, Theophilus C. Ankrah, Ousman Nyan, Metabolic syndrome in The Gambia; Comparison of the International Diabetes Federation and Adult Treatment Panel III definitions, Open Science journal of Clinical Medicine, 2015; 3(2): 27-32

27. Modou Jobe, Adama Kane, Joquina Chiquita Jones, Soulemane Pessinaba, Bernard C. Nkum, Serigne Abdou Ba, Ousman Nyan, Electrocardiographic left ventricular hypertrophy among Gambian diabetes mellitus patients Ghana Medical Journal, March 2015, Vol 49 No1 pp19-24

28. Frank B. Micah, Bernard C. Nkum, Urine examination and renal function in adult patients attending outpatient clinics in Kumasi: Cross-sectional study Open Science journal of Clinical Medicine, July 10, 2015; 3(4): 129-135

29. Bernard C. Nkum, Frank B. Micah, Theophilus. C. Ankrah, Ousman Nyan, A. E. Ohwovoriole. High glucose abnormalities and its risk factors in adult patients attending outpatient clinics in Banjul, the Gambia. Open Science journal of Clinical Medicine, August 2015; 3(4): 145-152

30. G. Nkum, A. Lartey, C. Frimpong, F. Micah and B Nkum, Knowledge and awareness of glaucoma among adult patients attending an eye clinic of a teaching hospital Ghana Medical Journal September 2015, Vol 49 No 3 pp195-199

31. Nkum BC, Micah FB, Eghan BA, Ankrah TC, Nyan O. The association between chronic kidney disease, hyperuricaemia and proteinuria in adult patients attending outpatient clinics in Banjul, The Gambia. Postgraduate Medical Journal of Ghana, September 2015 Vol 4, No. 2.: 73-83.

32. Frank B. Micah, Bernard C. Nkum, Francis A. Yeboah, E. Timmy-Donkor, Factors Associated with Hyperuricaemia in a Tertiary Care Center in Ghana.International Journal of Applied Science and Technology.October 2015 Vol. 5, No. 5

33. Bernard C. Nkum, Frank B. Micah, Theophilus C. Ankrah, Ousman A. Nyan, Lipid Levels and Disorders in Hospital Attendants in Banjul, The Gambia. Open Access Library Journal, 7 March 2016 3: e2333. <http://dx.doi.org/10.4236/oalib.1102333>

34. Clement Opoku-Okrah, Daniel Kwasi Sam, Bernard Nkum, Elliot Eli Dogbe, Lilian Antwi-Boateng, Benedict Sackey, Daniel Gyamfi, Kwabena Owusu Danquah, Sports anaemia and anthropometric evaluation of footballers at Kwame NkrumahUniversity of Science and Technology (KNUST). Pan African Medical Journal. 2016; 24:25 doi:10.11604/pamj.2016.24.25.7244

35. Maclean R. Akpa, Bernard C. Nkum, Frank B. Micah, Atrial Fibrillation: Current Trends and Management in the West African Sub Region. Open Science Journal of Clinical Medicine. Vol. 4, No. 2, 2016, pp. 5-10

36. Emmanuel Acheamfour-Akowuah, Isaac Kofi Owusu, Bernard C. Nkum. Demographic and Clinical Characteristics of Hypertensive Patients Attending a Specialist Clinic in Techiman, Ghana. Open Science Journal of Clinical Medicine. Vol. 4, No. 4, 2016, pp. 15-20.

37. Acheamfour-Akowuah Emmanuel, Owusu Isaac Kofi, Nkum Bernard C. Blood Pressure Control Status of Hypertensive Patients Attending an Out-Patient Specialist Clinic in Ghana. Open Science Journal of Clinical Medicine. Vol. 4, No. 5, 2016, pp. 28-34.

38. B. C. Nkum, F. B. Micah, T. C. Ankrah, O. A. Nyan, A. E. Ohwovoriole. Dysglycaemia among Adult Outpatients in Banjul, The Gambia. Bingham Journal of Medicine. Vol. 1 No. 1, January – June, 2017.

39. Yeboah, F.A., Nkum, B., Amankwaa, B., Eghan Jr., B.A., Acheampong, E., Nsiah, P., Okyere, P., Owusu, L., Nsenba, E.B. and Odame, E. Anto (2017) Metabolic Syndrome among Ischaemic Stroke Patients in Ghana: The Possible Role of Renin and Aldosterone. Open Access Library Journal , 4: e3952. <https://doi.org/10.4236/oalib.1103952>

40. Sarfo-Kantanka O, Sarfo FS, Ansah EO, Yorke E, Akpalu J, Nkum BC, Eghan B. Frequency and determinants of thyroid autoimmunity in Ghanaian type 2 diabetes patients: a case-control study. BMC EndocrDisord. 2017 Jan 17;17(1):2. doi: 10.1186/s12902-016-0152-4.

41. Amoako YA, Laryea DO, Bedu-Addo G, Nkum BC, Plange-Rhule J. Left ventricular hypertrophy among chronic kidney disease patients in Ghana. Pan Afr Med J. 2017 Sep 27;28:79. doi: 10.11604/pamj.2017.28.79.9183.

42. Patricia Kwakai Brown, Sandra Asomaniwaa Boamah, Emefa Abena Ashiadey, Bernard Cudjoe Nkum, Frank Botsi Micah. Cardiovascular and Other Risk Factors Among Kwame Nkrumah University of Science and Technology Students. Open Science Journal of Clinical Medicine. Vol. 5, No. 6, 2017, pp. 35-42.

43. Obinna O Oleribe, Kathryn Kirby, Olabisi Oladipo, Maud Lemoine, Mairi McConnochie, Matthew Foster, Jin Un Kim, Babatunde Salako, Albert Akpalu, M. Mourtalla Ka, Peter Newman, Sonny Kuku, Bernard Nkum, Abel Onunu, Simon D Taylor-Robinson. The Millennium Development Goal 6 Partnership for African Clinical Training (M-PACT) Clinical Course: A Six months’ Post Training Impact Survey. Ann Med Health Sci Res. 2017; 7:284-288

44. Frank Botsi Micah, Bernard Cudjoe Nkum, Michael Ntim. Lifestyle Risk Factors in Hospital Attendants in Kumasi, Ghana: Cross-Sectional Study. Open Science Journal of Clinical Medicine. Vol. 6, No. 3, 2018, pp. 15-23.

45. Frank Botsi Micah, Bernard Cudjoe Nkum. Resting Electrocardiographic Abnormalities in Patients at the Medical Outpatient Clinics of Komfo Anokye Teaching Hospital, Kumasi, Ghana. Medicine Journal. Vol. 6, No. 1, 2019, pp. 1-10.