

## ***CURRICULUM VITAE.***

PROFESSOR AMAM CHINYERE MBAKWEM – MBBS, FWACP, FMed  
DEPARTMENT OF MEDICINE  
COLLEGE OF MEDICINE  
UNIVERSITY OF LAGOS  
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### **CAREER FOCUS**

- ❖ Effective medical education.
- ❖ Preventive Cardiology.
- ❖ Research on hypertension related cardiovascular diseases.
- ❖ The Cardiomyopathies
- ❖ Heart failure
- ❖ Cardiovascular health issues in women.

### **EXPERTISE AND SKILLS.**

- ❖ Patient care and management with special reference to cardiovascular health.
- ❖ Electrocardiographic evaluation, including ambulatory monitoring and stress testing.
- ❖ Echocardiographic evaluation
- ❖ Health management skills.
- ❖ Medical education
- ❖ Communication skills training.

### **PROFESSIONAL EXPERIENCE.**

**September 2015 – Date.**

**Position:**

**Professor of Medicine**

Department of Medicine

College of Medicine of the University of Lagos

Idi Araba.

**Job Description:**

- ❖ Medical research.
- ❖ Formal lectures for medical, pharmacy, dental and physiotherapy students
- ❖ Organisation of tutorials and seminars for medical, dental and pharmacy students.
- ❖ Organising, teaching and examining in the Basic Therapeutic and Clinical skills for new clinical students.
- ❖ Organising, invigilating and marking of medical students examinations.
- ❖ Organising tutorials and seminars for the resident doctors in the department of medicine.
- ❖ Supervision of postgraduate dissertation for resident doctors.
- ❖ Examining at the West African College of Medicine Fellowship Examinations.
- ❖ External examiner for MBBS examination at three Federal Universities and one state university.
- ❖ Participation in lectures for diploma courses for nurses.
- ❖ In-patient and out-patient care of cardiac patients.
- ❖ Participation in Senate activities of the university

**September 2010 – 2015.**

**Position.**

Associate Professor of Medicine.  
Department of Medicine  
College of Medicine of the University of Lagos  
Idi Araba.

**Job Description:**

- ❖ Formal lectures for medical, pharmacy, dental and physiotherapy students
- ❖ Organisation of tutorials and seminars for medical, dental and pharmacy students.
- ❖ Organising, teaching and examining in the Basic Therapeutic and Clinical skills for new clinical students.
- ❖ Organising, invigilating and marking of medical students examinations.
- ❖ Organising tutorials and seminars for the resident doctors in the department of medicine.
- ❖ Participation in medical research.
- ❖ Supervision of postgraduate dissertation for resident doctors.
- ❖ Examining at the West African College of Medicine Fellowship Examinations.
- ❖ External examiner for MBBS examination in two Federal Universities.
- ❖ Participation in lectures for diploma courses for nurses.
- ❖ In-patient and out-patient care of cardiac patients.

**September 2004 – 2010.**

**Position:**

Senior lecturer  
Department of Medicine  
College of Medicine of the University of Lagos  
Idi Araba.

**Job Description.**

- ❖ Formal lectures for medical, pharmacy, dental and physiotherapy students
- ❖ Organisation of tutorials and seminars for medical, dental and pharmacy students.
- ❖ Organising, teaching and examining in the Basic Therapeutic and Clinical skills for new clinical students.
- ❖ Organising, invigilating and marking of medical students examinations.
- ❖ Organising tutorials and seminars for the resident doctors in the department of medicine.
- ❖ Participation in medical research.
- ❖ Supervision of postgraduate dissertation for resident doctors
- ❖ Participation in lectures for diploma courses for nurses.
- ❖ In-patient and out-patient care of cardiac patients.

**September 1999 – August 2004.**

**Position:**

Lecturer 1  
Department of Medicine  
College of Medicine of the University of Lagos  
Idi – Araba.

**Job Description.**

- ❖ Formal lectures for medical, pharmacy, dental and physiotherapy students

- ❖ Organisation of tutorials and seminars for medical, dental and pharmacy students.
- ❖ Organising, teaching and examining in the Basic Therapeutic and Clinical skills for new clinical students.
- ❖ Organising, invigilating and marking of medical students examinations.
- ❖ Organising tutorials and seminars for the resident doctors in the department of medicine.
- ❖ Participation in lectures for diploma courses for nurses.
- ❖ In-patient and out-patient care of cardiac patients.
- ❖ Participation in medical research.

**April – August 1999**

**Position**

Clinical attachment  
 Wolfson Heart Institute  
 Tel Aviv, Israel

**Job Description:**

Participated in non invasive cardiac evaluation:

- ❖ Echocardiography; Transthoracic and transoesophageal
- ❖ Stress ECG and Radionuclide studies.
- ❖ Holter monitoring
- ❖ Attendance at cardiac catheterisation, electrophysiology and pacemaker insertion sessions.
- ❖ Attendance at clinical meetings.

**January 1997 – Date.**

**Position:**

Locum Consultant physician and Cardiologist.  
 Ultima Medicare Centre  
 Palmgrove Estate, Ilupeju  
 Lagos

**Job Description.**

- ❖ Specialist cardiology consultation.
- ❖ Review of medical and cardiac in-patients.

**November 1997 – April 1999.**

**Position:**

Consultant Physician and Cardiologist  
 Iduna Specialist Hospital  
 1A Takoradi Street  
 Apapa, Lagos.

**Job Description**

- ❖ Specialist Cardiology and Medical consultaion.
- ❖ Review of medical and Cardiac in-patients.
- ❖ Participation in gastroenterlogy endoscopy evaluation.
- ❖ Hospital administrative duties.

**April 1993 – Nov 1996**

**Position:**

Senior Registrar  
 Cardiology Unit, Department of Medicine  
 Lagos University Teaching Hospital, Idi – Araba.

**Job Description:**

- ❖ Overseeing the daily activities of the cardiology unit and reporting to the consultant.
- ❖ In-patient care, out-patient consultation and emergency duty cover.
- ❖ Teaching and supervision of interns and junior residents in the unit.
- ❖ Teaching of medical students; tutorials and bedside demonstrations.
- ❖ Assisting in medical examination for both undergraduate and postgraduate students.
- ❖ Presentation of papers at unit, departmental and hospital seminars.
- ❖ Assisting the consultant in research.

### **May – Nov 1996.**

#### **Position**

Chief Resident

Department of Medicine

Lagos University Teaching Hospital, Idi – Araba.

#### **Job Description:**

- ❖ Assisting the Head of Department in departmental administration,
- ❖ Drawing up of the duty roster.
- ❖ Posting of interns.
- ❖ Organising the clinical rotation of junior resident doctors.
- ❖ Ensure the smooth running of the departmental research laboratory.
- ❖ Maintaining discipline among both residents and interns.
- ❖ Chairperson of the departmental environmental committee

### **March 1991 – April 1993**

#### **Position**

Junior Resident

Department of Medicine

Lagos University Teaching Hospital, Idi – Araba.

#### **Job Description:**

- ❖ Consultations at the out-patient clinic and in-patient care.
- ❖ Emergency duty cover.
- ❖ Writing up case and discharge summaries.
- ❖ Presentation at unit seminars and departmental grand rounds.
- ❖ Assisting in the organisation of undergraduate and postgraduate examinations

### **July 1985 – February 1991**

#### **Position**

Medical Officer

Nigerian Railway Corporation Medical Centre

Ebute Metta, Lagos

#### **Job Description:**

General medical duties including;

- ❖ In-patient care
- ❖ Out-patient consultations.
- ❖ Accident and Emergency coverage.
- ❖ Rotations through the various industrial clinics as medical officer in charge.

### **November 1983 – June 1985**

#### **Position:**

Medical Officer

Mount Sinai Hospital Group, Lagos

**Job Description:**

General medical duties including

- ❖ In-patient care.
- ❖ Out-patient consultation.
- ❖ Emergency duty cover.
- ❖ Industrial clinic cover

**July 1982 – June 1983.****Position:**

National Youth Service Medical Officer.

Alba Medical centre

Kaduna.

**Job Description:**

- ❖ General medical duties.
- ❖ Community development services.

**July 1981 – June 1982.****Position.**

House Officer.

University of Nigeria Teaching hospital, Enugu.

**Job Description:**

- ❖ Out-patient consultation.
- ❖ In-patient care.
- ❖ Clerking and investigation of patients, phlebotomies and writing up cases and discharge summaries.
- ❖ Emergency duty cover.
- ❖ Rotation through the departments of medicine, surgery, paediatrics and obstetrics and gynaecology.

**OTHER ADMINISTRATIVE RESPONSIBILITIES.**

|                           |   |
|---------------------------|---|
| 2021 – Date:              | Vic President West Africa, Pan African Society of Cardiology.                         |
| 2018 – Date:              | Board member, World Heart Federation  |
| 2017 - 2021 :             | Treasurer Pan African Society of Cardiology.  |
| 2017 - Date:              | President Lagos University Medical society.   |
| 2014 – 2018:              | President, Nigerian Cardiac Society.  |
| 2010 – 2014               | Vice President of the Nigerian Cardiac Society.                                       |
| May 2005 – 2007.          | Vice President of the Nigerian Hypertension society                                   |
| 2004 – 2006               | Treasurer of the Medical and Dental Consultants Association of Nigeria (LUTH chapter) |
| September 2000 – Oct 2004 | Treasurer of the Nigerian Cardiac Society.  |

|                        |  |
|------------------------|--|
| April 2000 – May 2005. | Treasurer of the Nigerian Hypertension Society.            |
| NOV 1997 – MARCH 1999  | Management duties at the Iduna Specialist Hospital, Lagos. |
| JUNE 1996 – NOV 1996   | Chief Resident of the Department of Medicine.              |

***SECONDARY AND POST SECONDARY EDUCATION.***

|             |   |
|-------------|---|
| 1970 - 1974 | Owerri Girl’s Secondary School<br>Owerri.                   |
| 1974 -1975  | Queen’s College Yaba.                                       |
| 1975 -1981  | College of Medicine, University of<br>Nigeria, Enugu Campus |

***ACDEMIC AND PROFESSIONAL QULIFICATIONS.***

**EDUCATIONAL QULIFICATIONS.**

|               |   |
|---------------|---|
| JUNE 1974     | West African School Certificate<br>Examination “O” Level.<br>(seven A and one P)  |
| JUNE 1981     | MB.BS. Nig  |
| NOVEMBER 1991 | Lagos University Teaching Hospital<br><br>Primary Examination of the National<br>Postgraduate Medical College.                  |
| APRIL 1993    | Lagos University Teaching Hospital<br><br>Part 1 Fellowship Examination of the<br>West African Postgraduate Medical<br>College. |
| MAY 1993      | Lagos University Teaching Hospital<br><br>Part 1 Fellowship Examination of the<br>National Postgraduate Medical<br>College.     |
| APRIL 1997    | Lagos University Teaching Hospital  |

Part 11 Fellowship Examination of  
the West African Postgraduate  
Medical College.

**SCHOLARSHIP, PRIZES AND FELLOWSHIPS.**

|                     |   |
|---------------------|---|
| 2007-2009           | Fellowship in Medical Education training at<br>the Foundation for Advanced International Medical<br>Education and Research,<br>Philadelphia, USA        |
| APRIL – AUGUST 1999 | Scholarship for The International<br>Postgraduate Training in Medicine,<br>Organised by the Sackler Faculty of<br>Medicine, Tel Aviv University, Israel |
| 1981                | Graduating Prize for the best student<br>in Medicine, Obstetrics and Gynaecology.   |
| 1976                | University of Nigeria Scholarship<br>For the best First Year student in the College of Medicine.  |

***MEMBERSHIP OF LEARNED ASSOCIATIONS.***

|            |  |
|------------|--|
| MEMBER OF: | Nigerian Cardiac Society.                              |
|            | Nigerian Hypertension society.                         |
|            | Association of Physicians of Nigeria.                  |
|            | Association of Black Cardiologist.                     |
|            | International Society of<br>Cardiovascular Ultrasound. |
|            | World Heart Failure Society.                           |
|            | International Society of Hypertension                  |
|            | European Society of Echocardiography and Heart Failure |
|            | American College of Cardiology                         |
|            | Pan African Society of Cardiology                      |

## CURRENT RESEARCH.

### DISSERTATION:

Electrocardiographic evaluation of women on Hormonal Contraceptives in an urban population (Lagos).

### ARTICLES THAT HAVE ALREADY APPEARED IN LEARNED JOURNALS.

#### Foreign/International publications

1. Amam C Mbakwem, Casmir Ezenwa Amadi, Jayne N Ajuluchukwu, Oyewole A Kushimo. Trends and outcomes of cardiovascular disease admissions in Lagos, Nigeria: a 16-year review. DOI: 10.5830/CVJA-2022-037
2. Auala T, Zavale BG, Mbakwem AÇ, Mocumbi AO. Acute Rheumatic Fever and Rheumatic Heart Disease: Highlighting the Role of Group A Streptococcus in the Global Burden of Cardiovascular Disease. *Pathogens*. 2022; 11(5):496. <https://doi.org/10.3390/pathogens11050496>
3. Alice M. Jackson, Mark C. Petrie, Alexandra Frogoudaki, Cécile Laroche, Finn Gustafsson, Bassem Ibrahim, Alexandre Mebazaa, Mark R. Johnson, Petar M. Seferovic, Vera Regitz-Zagrosek, Amam Mbakwem, Michael Böhm, Hawani S. Prameswari, Doaa A. Fouad, Sorel Goland, Albertino Damasceno, Kamilu Karaye, Hasan A. Farhan, Righab Hamdan, Aldo P. Maggioni, Karen Sliwa, Johann Bauersachs, Peter van der Meer, the PPCM Investigators Group. Hypertensive disorders in women with peripartum cardiomyopathy: insights from the ESC EORP PPCM Registry. *Eur. J. Heart Fail.* 2021;23:2058–2069
4. Simeon Isezuo , MBBS, MD; Mahmoud Umar Sani, MBBS, PhD; Abdullahi Talle , MBBS, MSc; Adeyemi Johnson , MD; Abiodun-Moshood Adeoye , MBBS, MSc; Mehmet S. Ulgen, MD; Amam Mbakwem , MBBS; Okechukwu Ogah, MBBS, MSc, PhD; Emmanuel Edafe , MBBS; Philip Kolo, MBBS; Murtala Nagabea , MBBS; Rasaaq Adebayo, MBChB; Eze Nwafor , BSc, MBBS; Folasade Daniel , MBChB; Muiyawa Zagga, MBBS; Hayatu Umar , MBBS, MSc; Isa Oboirien, MBBS; Balarabe A. Sulaiman , MBBS; Umar Abdullahi, MBBS; Muhammad Sani Mijinyawa, MBBS; Farouk Buba , MBBS; Akinyemi Aje , MBBS; Henry Okolie, MBBS; Muhammad Nazir Shehu , MBBS, MSc; Umar Adamu, MBBS; Akinsanya Olusegun-Joseph , MBBS; Ranti Familoni, MBBS, MD; Nwuriku Chibuzor, MD; Taiwo Olabisi Olunuga, MBChB; Emmanuel Ejim, MBBS; Awodu Rasheed Olaide , MBBS; Dike Ojji , MBBS, PhD; Bushra Sanni , MBBS; Jane N. Ajuluchukwu, MBBS, MMED; Michael O. Balogun , BSc, MBChB, MD; Ayodele B. Omotoso, MBBS; Mulasari Ajit , MD, DM, Dip NB; Ayodele O. Falase , MBBS, MD; RACE-Nigeria Registry Investigators. Registry for Acute Coronary Events in Nigeria (RACE-Nigeria): Clinical Characterization, Management, and Outcome. *J Am Heart Assoc.* 2021;10:e020244. DOI: 10.1161/JAHA.120.020244
5. Ogah, O. S., Umuerrri, E. M., Adebisi, A., Orimolade, O. A., Sani, M. U., Ojji, D. B., Mbakwem, A. C., Stewart, S., & Sliwa, K. (2021). SARS-CoV 2 Infection (Covid-19) and Cardiovascular Disease in Africa: Health Care and Socio-Economic Implications. *Global heart*, 16(1), 18. <https://doi.org/10.5334/gh.829>
6. Karaye, K. M., Ishaq, N. A., Sai'du, H., Balarabe, S. A., Ahmed, B. G., Adamu, U. G., Mohammed, I. Y., Oboirien, I., Umuerrri, E. M., Mankwe, A. C., Shidali, V. Y., Dodiya-Manuel, S., Njoku, P., Olunuga, T., Josephs, V., Mbakwem, A. C., Ogah, O. S., Tukur, J., Okeahialam, B., Stewart, S., Henein, M., Sliwa, K., and Peripartum Cardiomyopathy in Nigeria (PEACE) Registry Investigators (2021) Disparities in clinical features and outcomes of peripartum cardiomyopathy in high versus low prevalent regions in Nigeria. *ESC Heart Failure*, <https://doi.org/10.1002/ehf2.13463>



7. Mbakwem A, Kok A, Ogola Elijah, Anzouan-Kacou J-B, Jithoo N. Challenges and opportunities with respect to NCDs in SSA. *Specialist Forum* 2021;21(5):6-11.
8. Freedman, B., Hindricks, G., Banerjee, A., Baranchuk, A., Ching, C.K., Du, X., Fitzsimons, D., Healey, J.S., Ikeda, T., Lobban, T.C.A., Mbakwem, A., Narasimhan, C., Neubeck, L., Noseworthy, P., Philbin, D.M., Pinto, F.J., Rwebembera, J., Schnabel, R.B., Svendsen, J.H., Aguinaga, L., Arbelo, E., Böhm, M., Farhan, H.A., Hobbs, F.D.R., Martínez-Rubio, A., Militello, C., Naik, N., Noubiap, J.J., Perel, P., Piñero, D.J., Ribeiro, A.L. and Stepinska, J., 2021. World Heart Federation Roadmap on Atrial Fibrillation – A 2020 Update. *Global Heart*, 16(1), p.41. DOI: <http://doi.org/10.5334/gh.1023>
9. Mbakwem AC. What can be learned from the Global Registry on PPCM? In ED; Sliwa K. *Peripartum Cardiomyopathy: From Pathophysiology to Management*. Ed. Karen S. 1st ed. Academic Press; 12th January 2021
10. Mbakwem, A. C., Bauersachs, J., Viljoen, C., Hoelmann, J., van der Meer, P., Petrie, M. C., Mebazaa, A., Golland, S., Karaye, K., Laroche, C., Sliwa, K., and Peripartum Cardiomyopathy Investigators Group (2021) Electrocardiographic features and their echocardiographic correlates in peripartum cardiomyopathy: results from the ESC EORP PPCM registry. *ESC Heart Failure*, <https://doi.org/10.1002/ehf2.13172>
11. Kamilu M. Karaye, Hadiza Sa'idu, Sulaiman A. Balarabe, Naser A. Ishaq, Umar G. Adamu, Idris Y. Mohammed, Isa Oboirien, Ejiroghene M. Umuerrri, Abaram C. Mankwe, Vincent Y. Shidali, Paschal Njoku, Sotonye Dodiya-Manuel, Taiwo Olunuga, Veronica Josephs, Amam C. Mbakwem, Henry Okolie, Mohammed A. Talle, Muhammad S. Isa, Okechukwu S. Ogah, Simon Stewart. Clinical Features and Outcomes of Peripartum Cardiomyopathy in Nigeria. *Journal of the American College of Cardiology*, Volume 76, Issue 20, 17 November 2020, Pages 2352-2364.
12. Amadi, C., Lawal, F., Ajiboye, W., Mbakwem A., Ajuluchukwu J., Oke A. D.. Opportunistic screening of cardiovascular disease risk factors in community pharmacies in Nigeria: a cross-sectional study. *Int J Clin Pharm* 42, 1469–1479 (2020). <https://doi.org/10.1007/s11096-020-01112-2>
13. Joselyn Rwebembera, MBCHB, FCARD,a,\* Mohamed Jeilan, MD,b,\* Olujimi A. Ajijola, MD, PHD,c Mohammed Talle, MD, MSC, MEDSC,d Mahmoud U. Sani, MD, PHD,e Kamilu M. Karaye, BMBCH, PHD,e Matthew F. Yuyun, MD, PHD,f George Nel, MSC, ED,g Loreen Akinyi, BSC,b Saad Subahi,h Mervat Aboulmaaty, MD,I Felix Sogade, MD,j Yazid Aoudia, MD,k Amam Mbakwem, MD,l Cabral Tantchou, MD, PHD,m Mohamed Salim, MD, CEPS,n Muzahir H. Tayebjee, MBCHB, MD,o Joseph W. Poku, MD,p Brian Vezi, MBCHB, MPHARMMED,q Bundhoo Kaviraj, MD,r Marcus Ngantcha, MSC,s Ashley Chin, MBCHB, MPHIL,t Aimé Bonny, MD, MSCs,u. Cardiac Pacing Training in Africa. *J Am Coll Cardiol* 2020;76:465–72
14. .M. Karaye<sup>1,2,3\*</sup>, N.A. Ishaq<sup>2</sup>, H. Sa'idu<sup>1</sup>, S.A. Balarabe<sup>4</sup>, M.A. Talle<sup>5</sup>, M.S. Isa<sup>6</sup>, U.G. Adamu<sup>7</sup>, H. Umar<sup>8</sup>, H.I. Okolie<sup>9</sup>, M.N. Shehu<sup>10,11</sup>, I.Y. Mohammed<sup>12,13</sup>, B. Sanni<sup>2</sup>, O.S. Ogah<sup>14</sup>, I. Oboirien<sup>15</sup>, E.M. Umuerrri<sup>16</sup>, A.C. Mankwe<sup>17</sup>, V.Y. Shidali<sup>18</sup>, P. Njoku<sup>19</sup>, S. Dodiya-Manuel<sup>20</sup>, T.T. Shogade<sup>21</sup>, T. Olunuga<sup>22</sup>, D. Ojji<sup>23</sup>, V. Josephs<sup>22</sup>, A.C. Mbakwem<sup>24</sup>, J. Tukur<sup>25,26</sup>, S.A. Isezuo<sup>8</sup> on behalf of PEACE Registry Investigators Incidence, clinical characteristics, and risk factors of peripartum cardiomyopathy

in Nigeria: results from the PEACE Registry. *ESC Heart Failure* (2020) DOI: 10.1002/ehf2.12562

15. Mbakwem A.C, Bauersachs J, Viljoen C, Van Der Meer P, Petrie M, Mebazaa A, Goland S, Karaye K, Hovelmann J, Sliwa K. Electrocardiographic features and their echocardiographic correlates in peripartum cardiomyopathy based on the EURObservational registry on PPCM *Eur Heart J*, Volume 40, Issue Supplement\_1, October 2019, ehz748.0138,
16. Bauersachs J, König T, van der Meer P, Petrie MC, Hilfiker-Kleiner D, Mbakwem A, Hamdan R, Jackson AM, Forsyth P, de Boer RA, Mueller C, Lyon AR, Lund LH, Piepoli MF, Heymans S, Chioncel O, Anker SD, Ponikowski P, Seferovic PM, Johnson MR, Mebazaa A and Karen Sliwa. Pathophysiology, diagnosis and management of peripartum cardiomyopathy: a position statement from the Heart Failure Association of the European Society of Cardiology Study Group on peripartum cardiomyopathy. *European Journal of Heart Failure* (2019) doi:10.1002/ejhf.1493
17. Amadi CE, Mbakwem AC, Kushimo OA, Ajuluchukwu JN, Akinkunmi M. Prevalence of positive chronic kidney Disease screening in professional male long haul drivers at risk of Cardiovascular Disease in Lagos, Nigeria: a cross-section study. *BMC Public Health* (2019) 19:1032; <https://doi.org/10.1186/s12889-019-7328-6>
18. Karen Sliwa, Amam Mbakwem, Carla Carrilho, Liesl Zühlke, Kemi Tibazarwa, Ana Mocumbi. Building a Strong Network Among Female Cardiovascular Clinician Scientists and Researchers in Africa. *J Am Coll Cardiol Case Rep* 2019;1:40–3)
19. Amaechi U, Mbakwem AC, Kehinde MO. Iron status and correlates of its deficiency in chronic heart failure patients in a west African cardiology practice. *European Journal of Heart Failure* 2019;21(S1):100-101
20. Ogah OS, Arije A, Xia X, Beaney T, Adebisi A, Sani MS, Ojji DB, Sogade TT, Isezuo S, Chukwuonye II, Akinwusi P, Mbakwem AC, Daniel FA, Omotoso AB, Poulter NR. May Measurement Month 2017: screening for hypertension in Nigeria—Sub-Saharan Africa. *European Heart Journal Supplements* (2019) 21 (Supplement D), D86–D88
21. OA Kushimo, AC Mbakwem, JNA Ajuluchukwu, CE Amadi. Clinical and echocardiographic correlates of pulmonary hypertension among heart failure patients in Lagos, south-western Nigeria. *Cardiovasc J Afr* 2018; 29:DOI: 10.5830/CVJA-2018-05
22. Mbakwem AC, Kushimo O, Ajuluchukwu JNA. Influence of pulmonary hypertension on the 6 and 12 months outcome in acutely decompensated heart failure patients. *EJHF* 2018;20(Suppl S1):452-453.
23. Casmir E. Amadi, Folasade O. Lawal, Amam C. Mbakwem, Jayne N. Ajuluchukwu David A. Oke. Knowledge of cardiovascular disease risk factors and practice of primary prevention of cardiovascular disease by Community Pharmacists in Nigeria: a cross-sectional study. *International Journal of Clinical Pharmacy* 2018; doi.org/10.1007/s11096-018-0744-3
24. Macoumbi AO, Jammal K, Mbakwem A, Shun-Kind M, Sliwa K. The Pan-African Society of Cardiology position paper on reproductive healthcare for women with rheumatic heart disease. *Cardiovasc J Afr* 2018;29:DOI:10.5830/CVJA-2018-044

25. Sliwa K, Petrie MC, Hilfiker-Kleiner D, Mebazaa A, Jackson A, Johnson MR, Vander Meer P, Mbakwem A, Bauersachs J. Long-term prognosis, contraception and overall management of peripartum Cardiomyopathy: Practical guidance paper from the heart Failure association of the European Society of Cardiology study group on peripartum cardiomyopathy. *EJHF* 2018;doi.1002/ejhf.1178.
26. Olusegun-Joseph AD, Ajuluchukwu JNA, Okany CC, Mbakwem AC, Oke DA, Okubadejo NU. **Echocardiographic abnormalities and disease severity (based on CD4 count) in treatment-naive HIV positive patients.** *HIV AIDS Rev* 2017; 16, 3: 169-175
27. Amadi CE, Grove TP, Mbakwem AC, Ozoh OB, Kushimo OA, Wood DA, Akinkunmi M. Prevalence of cardiometabolic risk factors among professional male long-distance bus drivers in Lagos, south-west Nigeria: a cross-sectional study. *Cardiovasc J Afr* 2018; 29: DOI: 10.5830/CVJA-2018-006
28. Wolfram Doehner W, Ural D, Haeusler KG, Celutkien J, Bestetti R, Cavusoglu Y, Peña-Duque MA, Glavas D, Iacoviello M, Laufs U, Alvear RM, Mbakwem A, Piepoli MF, Rosen SD, Tsiavgoulis G, Vitale C, Yilmaz MB, Anker SD, Filippatos G, Seferovic P, Coats AJD, Ruschitzka F. Heart and brain interaction in patients with heart failure: overview and proposal for a taxonomy. A position paper from the Study Group on Heart and Brain Interaction of the Heart Failure Association. *European Journal of Heart Failure* (2017) doi:10.1002/ejhf.1100
29. Onyemelukwe GC, Ogunfowokan O, Mbakwem A, Alao AK, Soroh K, Omorodion O, Abreu P. Cardiovascular risk factors in adult general out-patient clinics in Nigeria: a country analysis of the Africa and Middle East Cardiovascular Epidemiological (ACE) study. *Afri Health Sci.*2017;17(4): 1070-1081. <https://dx.doi.org/10.4314/ahs.v17i4.15>
30. Bonny A, Ngantcha M, Jeilan M, Okello E, Kaviraj B, Talle M, Nel G, Morijon E, Sanni M, Youseef Z, Karaye KM, Toure IA, Awad MA, Millogo G, Kologo J, Kane A, Houndolo R, Dzudie A, Mbakwem A, Mayosi B, Chin A. Statistics on the use of cardiac electronic devices and interventional electrophysiological procedures in Africa from 2011 to 2016: report of the pan African Society of Cardiology (PASCAR) Cardiac Arrhythmia and Pacing Task Forces. *Europace* 2017;0:1-14.
31. Kushimo OA, Mbakwem AC, Ajuluchukwu JNA. Clinical and echocardiographic correlates of pulmonary hypertension amongst heart failure patients. *EJHF* 2017;19(suppl 1):5-601
32. Sliwa K, Mebazaa A, Hilfiker-Kleiner D, Petrie MC, Maggioni AP, Laroche C, Regitz-Zagrosek V, Schaufelberger M, Tavazzi L, Van der Meer P, Roos-Hesselink JW, Seferovic P, Van Spandonck-Zwarts K, Mbakwem A, Böhm M, Mouquet F, Pieske B, Hall R, Ponikowski P, Bauersachs J. Clinical characteristics of patients from the worldwide registry on peripartum cardiomyopathy (PPCM). EURObservational Research Programme in conjunction with the heart Failure Association of the European Society of Cardiology Study Group on PPCM. *Eur J Heart Fail* 2017doi:10.1002/ejhf.780
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41. **Mbakwem AC, Aina FO, Amadi CE, Akinbode A, Mokwunye J. Comparative analysis of the quality of life of heart failure patients in south western Nigeria. *WJCD* 2013;3:146-153.**
42. Ale OK, Ajuluchukwu JN, Oke DA, Mbakwem AC. QT dispersion in hypertensive Nigerians with and without left ventricular hypertrophy. *WAJM* 2013;32(10):57-61.
43. Olusegun-Joseph DA, Ajuluchukwu JNA, Okany CC, Mbakwem AC, Oke DA, Okubadejo NU. Echocardiographic patterns of treatment-naïve HIV-positive patients in Lagos, South-West Nigeria. *Cardiovasc J Afri* 2012, 23; DOI:10.5830/CVJA-2012-048
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58. Mbakwem AC, Aina FO. Comparative study of depression in hospitalized and stable heart failure patients in an urban Nigerian teaching hospital. *GHP* 2008;30:435-440.
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### **National publications**

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65. Bello BT, Amadi CE, Amira CO, Mbakwem AC. Antihypertensive prescription patterns of nonspecialist general practitioners in Lagos Nigeria. *Niger J Gen Pract* 2016;14:6-10
66. Otinwa GO, Mbakwem AC. Body composition and cardiovascular status of women: implications for healthy living. *Journal of Research and Contemporary Issues in Human kinetics and Health Education* 2015;2(1):54-63.
67. Amadi CE, Adeyemi OA, Joda AE, Mbakwem AC, Ajuluchukwu JN. Self reported adherence to antihypertensive drugs in a Nigerian population using the Morisky Medication Adherence Scale. *Nig Qt J Hosp Med* 2014;24(2):144-149.
68. Ale OK, Ajuluchukwu JN, Oke DA, Mbakwem AC. QT dispersion in healthy adult Nigerians. *Nig Qt J Hosp Med.* 2013; 23(4):243-247.
69. Ajuluchukwu JNA, Abdulkareem FB, Achusi IB, Mbakwem AC. Clinical and autopsy parameters of acute medical deaths in an emergency facility in South-West Nigeria. *Journal of Clinical Sciences* 2013;10(1):21-26
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71. Aina OF, Mbakwem AC. Psychosocial correlates of subjects with heart failure in Lagos, Nigeria. *Nig Hosp Pract* 2009;4:29-33.
72. Mbakwem AC, Oke DA, Ajuluchukwu JNA, Abdulkareem FB, Ale O, Odunlami K. Trends in acute emergency room hypertension deaths: an autopsy study. *Nigerian Journal of Clinical Practice* 2009;12:15-19.
73. Mbakwem AC, Ajuluchukwu JNA. Perception of Nigerian Internal Medicine residents on the diagnosis and management of heart failure. *Nigerian Postgraduate Medical Journal* 2007; 14(4):336-340.

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75. Ajuluchukwu JNA, Okubadejo NU, Mabayoje M, Ojini FI, Okwudiafor RN, Mbakwem AC, Fasanmade OA, Oke DA. Comparative study of the effect of Tocotrienols and  $\alpha$ -tocopherol on fasting lipid profiles in Nigerians with mild hypercholesterolaemia: a preliminary report. Nigerian Post Graduate Medical Journal 2007;14(1):30-3.
76. Oke DA, Mbakwem AC. Erectile Dysfunction in 101 Consecutive Hypertensive patients and 86 Normotensive controls. Nigerian Medical Practitioner. 2004; 45(6): 98 – 101.
77. Ajuluchukwu JNA, Mbakwem AC, Ajuluchukwu SC. Evaluating Knowledge of Atrial Fibrillation amongst Nigerian Internal Medicine Residents. Niger Med J. 2004; 45(2): 27 – 30.
78. Mbakwem AC, Ajuluchukwu JNA. Survey of Primary Care Physicians Perception On diagnosis and Management of Congestive Cardiac Failure in Lagos, Nigeria. Nig Qt J Hosp Med. 2004; 14(2):130-135.
79. Mbakwem AC, Fadayomi MO. Lipid Profile in Nigerian women on Hormonal contraceptives. Journal of Clinical Sciences. 2003; 3(2): 16 – 20.
80. Ajuluchukwu JNA, Mbakwem AC. Evaluation of Chest Pain in ambulatory patients in Lagos using the Rose Questionnaire and resting Electrocardiogram. Nig Qt J Hosp Med. 2002; 12(1-4): 60 – 64.
81. Mbakwem AC, Fadayomi MO. A Study of Cardiovascular Profile of Women using Hormonal Contraceptives. Nig Qt J Hosp Med. 2002; 12(1-4): 29 – 33.
82. Mbakwem AC, Ajuluchukwu JNA, Oke DA. Clinical, Electrocardiographic and Echocardiographic Features of Atrial Fibrillation in Nigerians: an analysis of 39 patients seen at the Lagos University Teaching Hospital. Nig Qt J Hosp Med. 2002; 12(1-4): 13 -16.

#### **WORK COMPLETED BUT NOT YET PUBLISHED.**

- ❖ Relationship between serum magnesium, potassium and calcium in Nigerian patients with congestive cardiac failure.

#### **RESEARCH IN PROGRESS**

- ❖ Effect of exercise training on patients with congestive heart failure in Lagos.
- ❖ Pulmonary hypertension in patients with Sickle cell disease.
- ❖ African registry of pulmonary hypertension and maternity and the heart.
- ❖ Euroobservational registry for pregnancy and heart disease/ peripartum cardiomyopathy.

- ❖ Building primary care physicians’ capacity in the managemnet of heart failure in nigeria: a pilot multi- pronged programme.
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**CONFERENCES ATTENDED.**  
**PAPERS PRESENTED.**

| TITLE   | WHERE READ   | DATES                   |
|---|--|-------------------------|
| Stable heart failure: Myth or fact.   | Nigerian Cardiac Society conference, Enugu                                   | September 2019          |
| Electrocardiphic features and their echocardiographic correlates in PPCM – EURObservational registry on PPCM.   | European Society of Cardiology / World Congress of Cardiology, Paris, France | August – September 2019 |
| Delivering public health in difficult circumstances   | European Society of Cardiology / World Congress of Cardiology, Paris, France | August – September 2019 |
| Iron status and correlates of its deficiency in chronic heart failure patients in a west African cardiology practice. European Journal of Heart Failure | Heart Failure Association of the ESC congress, Athens, Greece                | May 2019                |
| Hypertension in Women across the life span  | World Congress of Cardiology, Dubai, UAE                                     | December 2018           |
| “Heart Failure with Preserved Ejection Fraction: Diagnostic Work-Up and Emerging Therapies”.  | Nigerian Cardiac Society meeting, Kano, Kano State.                          | September 2018          |
| Peripartal cardiomyopathy in Nigeria  | Cardiac Disease in Maternity congress, Cape Town, South Africa               | September 2018          |
| Relationship between QTc interval and diastolic dysfunction in African hypertensive patients.   | ESC congress in Munich, Germany  | August 2018             |
| Management of hypertension in pregnancy.  | Nigerian Hypertension Society meeting, Abuja                                 | June 2018               |
| <b>Influence of pulmonary hypertension on the 6 and 12 months outcomes in acutely decompensated heart failure patients.</b>                             | Herat Failure Association of the ESC congress, Vienna, Austria               | May 2018                |
| Management of the high risk hypertensive patient – Are we doing enough?   | Kenyan Cardiac Society meeting, Mombasa, Kenya.                              | June 2017               |
| Clinical and echocardiographic correlates of pulmonary hypertension amongst heart failure patients.   | Heart Failure Association of the ESC congress 2017, Paris France             | May 2017.               |
| Peripartum cardiomyopathy: Early diagnosis is critical.   | Heart Failure Association of the ESC congress 2017, Paris France             | May 2017.               |
| Burden of Heart disease in the African woman: What is the role of reproductive health services?   | 66 <sup>th</sup> American College of Cardiology Congress, Washington, USA    | March 2017              |



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| In-hospital training: Strengthening and improving in-training assessment   | 40 <sup>th</sup> AGSM of the West African College of Physicians meeting, Monrovia, Liberia | November 2016  |
| ESC 2016 Congress update on arrhythmias.   | Joint ESC and Saudi Heart Association meeting in Dammam, Saudi Arabia                      | November 2016  |
| The J-curve hypothesis in hypertension.  | 45 <sup>th</sup> AGSM of the Nigerian Cardiac Society, Abuja, Nigeria                      | September 2016 |
| Management of the high risk hypertensive patient   | 45 <sup>th</sup> AGSM of the Nigerian Cardiac Society, Abuja, Nigeria                      | September 2016 |
| Diagnostic algorithm and work-up for suspected PPCM.   | World Congress of Cardiology, Mexico   | June 2016      |
| Adherence of primary care physicians to guideline management of hypertension in a sub-Saharan metropolis.                            | World Congress of Cardiology, Mexico   | June 2016      |
| Comparative analysis of left ventricular systolic function in patients with peripartum cardiomyopathy and idiopathic cardiomyopathy. | 2016 Heart Failure Association Congress meeting in Florence, Italy                         | May 2016       |
| How to advise and manage women with CVD on risk with pregnancy   | 2015 Pan African Society of Cardiology meeting in Mauritius.                               | October 2015   |
| Pattern of Arrhythmia and its correlates in acutely decompensated heart failure patients at a West African Cardiology practice.      | 2015 Heart Failure Association congress meeting, Seville, Spain                            | May 2015       |
| Hypertension guidelines: Do they impact the management of hypertension in Nigeria?   | American College of Cardiology Congress, San Diego, USA.                                   | March 2015     |
| Current concepts in diagnosis and management of pulmonary hypertension.  | Nigerian Cardiac society annual general and scientific conference, Uyo, Akwa Ibom          | September 2014 |
| Relationship between left atrial volume and diastolic dysfunction in Nigerian Hypertensives  | European Society of Cardiology meeting, Barcelona, Spain.                                  | September 2014 |
| Profile of Peripartum Cardiomyopathy in South Western Nigeria  | 2014 European Heart Failure Association, Athens, Greece                                    | May 2014       |
| Quality of Life in Hypertensive patients in South West Nigeria.  | World Congress of Cardiology, Melbourne  | May 2014       |

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| Cost of hospitalization of heart failure in a developing economy.  | European Society of Cardiology, Heart failure 2013 meeting, Lisbon         | May 2013        |
| Electrocardiographic features of Sick cell disease patients with pulmonary hypertension.   | Pulmonary Vascular Research Institute meeting 2013, Istanbul               | January 2013    |
| Evaluation of psychological pain, a measure of suicidal tendencies, among chronic heart failure patients at an academic hospital in West Africa. | European Society of Cardiology, Munich                                     | August 2012     |
| <b>Self Esteem and suicidal risk among patients with heart failure in a west African cardiology practice</b>                                     | European Society of Cardiology, Heart failure 2012 meeting                 | May 2012        |
| <b>Comparative analysis of quality of life of heart failure patients in south western Nigeria</b>  | World Congress of Cardiology, Dubai  | April 2012      |
| <b>C-reactive protein levels in adult Nigerians with non-valvular atrial fibrillation.</b>   | World Congress of Cardiology, Dubai  | April 2012      |
| <b>Correlating microalbuminuria with left ventricular hypertrophy in hypertensive patients seen in LUTH, Nigeria.</b>                            | World Congress of Cardiology, Dubai  | April 2012      |
| Peripartal cardiomyopathy in Nigeria.  | Maternity and Heart disease workshop.                                      | April 2012.     |
| Non-invasive evaluation of pulmonary hypertension and its correlates among adult patients with sickle cell disease.                              | Pulmonary Vascular Research Institute conference, Cape Town, South Africa. | February 2012   |
| Heart Failure in Nigeria   | Nigerian Cardiac Society AGSM, Port Harcourt, Rivers State.                | September 2011. |
| Left ventricular geometry in normotensive adolescent progeny of Nigerian Hypertensives   | European Society of Cardiology, Paris, France.                             | August 2011.    |
| Left Ventricular function in Adult Nigerians with Central Obesity  | International Hypertension Society, Vancouver, Canada                      | October 2010    |
| Left Ventricular Mass of Normotensive Adolescent progeny of patients with Hypertension.  | International Hypertension Society, Vancouver, Canada                      | October 2010    |
| Cost and price of Cardiovascular disease.  | Pfizer Cardiovascular summit Lagos   | July 2010       |

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| Determinants of length of Hospital stay in Nigerian Academic Hospital  | World Congress of Cardiology, China   | June 2010               |
| Dyslipidemia, a growing problem in Nigeria   | African Heart Network, 2009, Abuja  | September 2009          |
| Patients' Role in the Management of Cardiovascular Diseases  | Pfizer Cardiovascular summit, Lagos   | July 2009               |
| Improving Medical Students' skills to Counsel Hypertensive patients  | 3 <sup>rd</sup> International Conference on Medical Education in the Sudan                                | October – November 2009 |
|  | Foundation for the Advancement of International Medical Education and Research, poster day, Philadelphia. | October 2008            |
| Assessment of Medical Student's attitude to the introduction of communication and counseling skills training | 1 <sup>st</sup> National Health Sciences Education Conference, 2008, Cape Town                            | June 2008.              |
| Depression in hospitalized patients at the Lagos University Teaching Hospital                                | Nigerian Hypertension Society.  | July 2006               |
| Pattern of death in Hypertensive patients presenting at the accident and emergency room of LUTH.             | World Congress of Cardiology, Barcelona   | September 2006          |
|  | Nigerian Hypertension Conference, Port Harcourt.  | May 2005                |
|  | 1 <sup>st</sup> Pan-African Congress on Hypertension, Yaoundé.  | December 2005           |
| Survey of Primary Care Physicians perception of symptoms and treatment of heart failure                      | Nigerian Cardiac Society Conference, Lagos  | Oct 2004.               |
| Electrocardiographic and echocardiographic features of atrial fibrillation in Nigerians                      | A) ) 8 <sup>th</sup> World Congress of Echocardiography and Vascular Ultrasound, Turkey                   | May 2004.               |
|  | B) Association of Nigerian Physicians Conference, Abuja.  | Feb 2003                |
|  | C) Lagos University Medical society Conference, Lagos.  | Dec 2002                |
| Contrast Echocardiograph an emerging new technique.  | Nigerian Cardiac Society conference, Calabar.   | Nov 2003                |
| Blood pressure profile in adults.  | Nigerian Hypertension conference, Benin.  | April 2002              |
|  |   | Oct 2001.               |

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|---|--|------------|
| A study of Cardiovascular profile of Women Using Hormonal Contraceptives                              | Cardiology updates 2001 of Heart Friends around the world, Italy.                          |            |
| Clinical, electrocardiographic and echocardiographic features of Hypertrophic Cardiomyopathy in Lagos | A) 5 <sup>th</sup> world Congress Echocardiography and Vascular Ultrasound, Seoul.         | May 2001   |
|   | B) 7 <sup>th</sup> Ordinary Congress of Pan African Society of Cardiology, Benin Republic. | Sept 2001. |
| Efficacy, tolerability and safety profile of Diovan(valsartan) in Nigerian subjects.                  | Nigerian Cardiac Society conference, Enugu   | 2000       |
| Complications associated with hypertensive heart disease – an autopsy study                           | Association of Nigerian Physicians conference  | 1996       |
| Echocardiographic values in normal Nigerians.   | Nigerian Cardiac society conference, Ibadan  | 1996       |

#### ATTENDED.

- ❖ European Hypertension meeting: Milan 2015
- ❖ European Heart Failure Association Congress: Belgrade 2012, Lisbon 2013, Athens 2014, Seville 2015, Florence 2016; Paris 2017, Vienna 2018, Athens 2019
- ❖ World Congress of Cardiology: Beijing 2012, Dubai 2012, Melbourne 2014; Mexico 2016, Dubai 2018
- ❖ American Society of Cardiology Congress, New Orleans 2010, San Diego 2015, Chicago 2016, Washington 2017. Orlando 2018
- ❖ 3<sup>rd</sup> International Conference on Medical Education in the Sudan, October – November 2009.
- ❖ African Heart Network meeting, Abuja, September 2009, 2013
- ❖ European Society of Cardiology congress: Vienna 2003, Stockholm 2005, Barcelona 2006, Vienna 2007, Munich 2008, Stockholm 2010, Paris 2011, Munich 2012, Amsterdam 2013, Barcelona 2014; London 2015, Rome 2016, Barcelona 2017, Munich 2018, Paris 2019
- ❖ 1<sup>st</sup> National Health Sciences Education Conference, Cape Town 2008,
- ❖ 6<sup>th</sup> Annual Congress of the South African Heart Association, Cape Town 2006.
- ❖ Joint World Congress on Stroke, Cape Town, 2006.
- ❖ 1<sup>st</sup> Pan African Congress on Hypertension, Yaoundé, Cameroon, 2005; 3<sup>rd</sup> Congress of the International Forum for Hypertension prevention and control in Africa, Abuja September 2009.

- ❖ World Congress of Echocardiography and Vascular Ultrasound, Cairo, Egypt, January 19-21 2000, Korea 2001, Turkey 2004.
- ❖ 5<sup>th</sup> Ordinary Congress of the Pan African society of cardiology, Cotonou, Benin, November 24<sup>th</sup> – 27<sup>th</sup> 1999, Abuja Sept 2009, Kampala, Uganda 2011, Dakar 2013; Mauritius 2015; Imaging meeting in Sudan 2016, RHD meeting in Cairo 2017
- ❖ 3<sup>rd</sup> International Meeting on Interventional Cardiology, Jerusalem, Israel, June 27 – July 1 1999.
- ❖ 3<sup>rd</sup> World Congress of Echocardiography and Vascular Ultrasound, Rio de Janeiro, Brazil, April 23<sup>rd</sup> – 25<sup>th</sup> 1998.
- ❖ XIII World Congress of Cardiology, Rio de Janeiro, Brazil; April 26<sup>th</sup> – 30<sup>th</sup> 1998, Barcelona, Spain 2006; Beijing, China, June 16<sup>th</sup> – 19<sup>th</sup> 2010.
- ❖ Annual General and Scientific Conference of the Nigerian Cardiac Society 1994, 1995, 1996, 1997, 1998, 2000, 2001, 2002, 2003, 2004, 2006, 2007, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016.
- ❖ Annual General and Scientific meeting of the Nigerian Hypertension Society; 1996, 1997, 2000, 2003, 2005, 2006, 2007.
- ❖ Annual General and scientific meeting of the West African College of Physicians 1998, 2007, 2009, 2010, 2011, 2012.
- ❖ Annual General and scientific meeting of the Association of Physicians of Nigeria; 1993, 1994, 1995, 2003.

#### **ACTIVITIES WITHIN THE UNIVERSITY:**

|             |  |
|-------------|--|
| 2009 – 2012 | Member integrated seminar committee for medical Students.                          |
| 2009 – Date | Member Curriculum Review Committee of the College of Medicine, University of Lagos |
| 2009 – Date | Member Medical Education Unit of the College of Medicine, University of Lagos.     |
| 2006 - 2009 | Chairman educational committee of the Lagos University Medical Society.            |

#### ***COURSES AND WORKSHOPS ATTENDED***

|               |   |
|---------------|---|
| July 2013     | 45 <sup>th</sup> 10-day teaching seminar on cardiovascular disease epidemiology and prevention. |
| December 2012 | Basic and advanced life Support for Health professionals  |

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| July 2011   | Bioethics and Good clinical practice.   |
| March 2011  | Advanced Research Methodology course.   |
| 2007:       | NIMR/EDCTP health research ethics capacity building workshop  |
| 2005        | How to manage clinical trials, organized by Howard University USA in collaboration with NIPRID, Abuja, Nigeria.                             |
| 2004:       | Cardiac Rehabilitation workshop organized by Heart Friends Around the World at the cardiology unit of Azienda Sanitaria, Tuscany, Italy.    |
| 1999:       | Postgraduate Training Programme in Medicine; organised by the Sackler Faculty of Medicine, Tel Aviv University.                             |
| 1997, 1993: | Update course in Internal Medicine; organised by the National Postgraduate Medical College.   |
| 1997:       | Computer Appreciation course at Beta Computers, Lagos.  |
| 1996:       | Workshop on Computer Appreciation and Use in Research; organised by the West African Postgraduate Medical College.                          |
| 1996:       | Workshop on Health Service Management; organised by the West African Postgraduate Medical College   |
| 1996        | Workshop on Educational Methods in the Health Sciences; organised by the College of Medicine, University of Lagos.                          |
| 1994:       | Workshop on Research Methodology; organised by the National Postgraduate Medical College and the West African Postgraduate Medical College. |

***HOBBIES;***

❖ Sewing.

❖ Music.

***REFEREES.***

❖ Dr J. N. A. Ajuluchukwu.  
Professor and Consultant Cardiologist  
Department of Medicine,  
College of Medicine, University of Lagos.  
P. M. B. 12003, Idi Araba, Surulere  
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❖ Dr Akin Ladehinde.  
Professor and Consultant Oral and Maxillofacial Surgeon.  
Department of Oral and Maxillofacial Surgery  
College of Medicine, University of Lagos  
P. M. B. 12003, Idi Araba, Surulere,

A handwritten signature in blue ink, consisting of a large, stylized 'A' followed by a large, stylized 'L' and a horizontal line extending to the right.

May 20, 2019.