

CURRICULUM VITAE

A. GENERAL INFORMATION

1. **Name:** Abimbola Ololade, ODEYEMI
2. **Date and Place of Birth:** 16th October, 1980; Ile-Ife, Nigeria.
3. **Gender:** Female
4. **Nationality:** Nigerian
5. **State of Origin:** Osun State
6. **Local Government Area:** Ife East
7. **Marital Status:** Married
8. **Names and Ages of Children:** Olamide ODEYEMI; 16 years
Oyinkansola ODEYEMI; 14 years
Omolola ODEYEMI; 11 years.
9. **Name and Relationship of Next of Kin with Telephone Number** Abiona O ODEYEMI; Husband
07032512473
10. **Permanent Contact Address:** 26, Zone D, Halleluyah Estate
Osogbo
11. **E-Mail Address:** abimbola.odeyemi@uniosun.edu.ng
12. **Registration with Research Gates:** Yes
13. **Research gate Link:** <https://www.researchgate.net/profile/Abimbola-Odeyemi>
14. **If No, Why:** Not Applicable
15. **Registration with Google Scholar:** Yes
16. **Link:** <https://scholar.google.com/citations?user=LhKZs64AAAAJ&hl=en>
17. **If No, Why:** Not Applicable

18.	Cell Phone Number:	08034959560
19.	College / Faculty:	College of Health Sciences / Faculty of Clinical Sciences.
20.	Department:	Paediatrics and Child Health
21.	Position on First Appointment:	Senior Lecturer
22.	Current Position/ Present Salary:	CONUASS 5
23.	Date of Present Position:	01/06/2022
24.	Is your appointment confirmed?	Yes
25.	If No, why Not?	Not applicable
26.	Date of Confirmation of Appointment:	10/02/2025

B: EDUCATIONAL BACKGROUND

1. Educational Institutions Attended with Dates:

- i. Ladoke Akintola University of Technology
(LAUTECH) Teaching Hospital, Osogbo, Osun state. 2009- 2018
- ii. Ladoke Akintola University of Technology
(LAUTECH) Ogbomoso, Oyo state. 1997 – 2005

2. Academic and Professional Qualifications with Dates/ Issuing Authority:

- i. Doctor of Medicine (MD) June 2024. National Postgraduate Medical College of Nigeria
- ii. Fellowship of the National Postgraduate Medical College of Nigeria (FMCPaed).
May 2019. National Postgraduate Medical College of Nigeria.

- iii. Fellowship of the West African college of Physicians (FWACP). Oct 2018. West African College of Physicians
- iv. Bachelor of Medicine, Bachelor of Surgery (MBBS). 2005. Ladoke Akintola University of Technology (LAUTECH) Ogbomosho, Oyo state

3. Other Relevant Qualifications:

- i. Certificate of training in Asthma care. National Asthma Educational Programme, South Africa. March- October 2025.
- ii. Certificate of Participation by the Fleming Fund Antimicrobial Resistance courses in conjunction with The Open University, United Kingdom. March- April 2025.
- iii. Certificate of participation from the Boston University School of Medicine following the successful completion of the Post Graduate Program in Pediatric Nutrition. 2016.

4. Honours, Awards and Distinctions

(a) Scholarship: Nil

(b) Research Grants:

Co- investigator, Bowen University Research Grant for the project titled “Prevalence of Hepatitis B virus infection among children attending outpatient clinic of a tertiary health centre in south west Nigeria.

Other Awards

- i. Award of Excellence by Ladoke Akintola University Medical Students Association in recognition of a laudable contribution to medical practice and education on the occasion of LAUMSA Health week 2019.

- ii. Award of recognition by Wyeth Nutrition Science center. As a keynote speaker during a scientific symposium on Nutrition. 2022.

5. Research Fellowships with dates: Nil

C: WORK EXPERIENCE OUTSIDE THE UNIVERSITY SYSTEM

- i. Honorary Consultant Paediatrician, Bowen University Teaching Hospital, Ogbomoso. August 2019 till May 2022.
- ii. Consultant Paediatrician, LAUTECH Teaching Hospital, Osogbo. May 2019 to July 2019.
- iii. Resident Doctor; Paediatrics Department, LAUTECH Teaching Hospital, Osogbo. 2009 - 2019.
- iv. Medical officer, General Hospital Ijan – Ekiti, Ekiti State. 2008 – 2009.
- v. Volunteer Doctor, Global HIV/AIDS Initiative Nigeria May-Sept 2008.
- vi. Medical officer (NYSC), Primary Health centre, Gidan Madi, Sokoto state. 2007 – 2008.
- vii. House officer, LAUTECH Teaching hospital Osogbo, Osun State. 2006 – 2007.
- viii. House officer, State Hospital Osogbo. March - August 2006.

D: WORK EXPERIENCE IN OTHER UNIVERSITIES WITH DATES

- i. Lecturer I, College of Health Sciences, Bowen University, Iwo, Osun State. August 2019 till May 2022.

E: WORK EXPERIENCE IN OSUN STATE UNIVERSITY:

- i. Senior Lecturer, Faculty of Clinical Sciences, College of Health Sciences, Osun State University. 1st June, 2022 till date.

F: CO-CURRICULAR PROFESSIONAL EXPERIENCE

(a) Member, Editorial board;

- i. Nigerian Journal of Chest Disease. April 2024 till date.

(b) Reviewer;

- ii. BMC Pediatrics. October 2024 till date.
- iii. Nigerian Journal of chest disease. September 2024 till date.
- iv. Nigerian Journal of chest disease. September 2024 till date.
- v. Western Nigerian Journal of Medical Sciences. July 2023 till date.
- vi. Ethics and Research Committee, UNIOSUN Teaching Hospital, 2023 till date.
- vii. UNIOSUN Health Research Ethics Committee. August 2022 till date.

(c) Keynote speaker;

- i. Online scientific symposium on; Impact of weight-based Paediatric treatment outcomes: A focus on Acute Respiratory Tract Infection. Organized by Sanofi Nigeria. June 2022.
- ii. Online scientific symposium on; Early years: A window of opportunity for proper growth and development. Organized by Nestle Nutritional Institute. April 2021.

(d) Moderator;

- i. Online scientific symposium on; Nutrition and learning in early childhood: The cognitive implication. Organized by Wyeth Nutrition Science center. May 2022.

(e) Resource person;

- i. Nestle Nutrition symposium. September 2020.
- ii. The Nurses nutrition week organised by Wyeth nutrition. August 2019.
- iii. Training workshop for Doctors and Nurses Organised by The Department of Paediatrics LAUTECH Teaching Hospital Osogbo. July 2016.

G: MEMBERSHIP OF PROFESSIONAL BODIES

- i. Member, World association for Bronchology and Interventional Bronchology- Nigerian chapter. Dec 2024 till date.
- ii. Fellow, National Postgraduate Medical College of Nigeria. 2019 till date.
- iii. Member, Nigerian Thoracic Society. 2019 till date.
- iv. Fellow, West African College of Physicians. 2018 till date.
- v. Member, Medical and Dental Consultants association of Nigeria. 2018 till date
- vi. Member, Paediatric Association of Nigeria. 2018 till date.
- vii. Member, Medical Women Association of Nigeria. 2010 till date.
- viii. Member, Nigerian Medical Association. 2005 till date

H: SERVICE

i. WITHIN OSUN STATE UNIVERSITY:

a. Departmental level

- i. Mentoring of sub-group of 500L MBBS students during their senior Paediatrics posting. February 2025 till June 2025.

- ii. Acting Head, Department of Paediatrics and Child Health, Osun State University. August 2022 till July 2024.
- iii. Acting Head, Department of Paediatrics and Child Health, Osun State University. July 2024 - November 2024.
- iv. Member, quality assurance committee for the Department of Paediatrics and Child Health. September 2022 till date.
- v. Member, Examination committee, Department of Paediatrics and Child Health. September 2022 till date.
- vi. Chairman, Sent-forth committee, Department of Paediatrics and Child Health. September 2022 till date.

b. Faculty level

- i. Member, committee on production of clinical gown and log book production for MBBS students. June 2022.
- ii. Member, LOC Faculty of Clinical Sciences, Faculty day Lecture. June 2022.
- iii. Member, committee on posting schedule for MBBS students. June 2022.

c. College level

- i. Member, Committee on UNIOSUN 22nd Inaugural lecture of Professor Asekun-Olarinmoye. October 2024.
- ii. Member, Committee on assessment and scoring of the Professor Akinwusi Annual Essay Competition. July 2024.
- iii. Member, Committee on MBBS result processing. February 2024.
- iv. Member, College of Health sciences time-table committee. May 2023.

- v. Member, LOC Grantsmanship workshop of College of Health Sciences, Osun State University. April 2023.
- vi. Member, Committee on Book Launch of Essential Textbook of Medicine. February 2022.
- vii. Reviewer, Research Journal of Health Sciences. June 2020 till date.
- viii. Reviewer, UNIOSUN Health Research Ethics Committee. August 2022 till date.

d. University level

- i. Member, University Senate. August 2022 – November 2024.
- ii. Invigilator, GNS 104 Examination Rain Semester. July 2024.
- iii. Member, Central Examination Malpractice Investigation Panel. June 2023 till date.
- iv. Member, LOC UNIOSUN Women’s Day celebration. April 2023 till date.

ii: OUTSIDE OSUN STATE UNIVERSITY:

- a. Examination officer, Department of Paediatrics, Bowen University. May 2020 till May 2022.
- b. Member, quality assurance committee for the Department of Paediatrics and Child Health, Bowen University. March 2019.
- c. Invigilator, Part II MBBS examination, Bowen University. July 2018.
- d. Member, Committee on Theatre user, UNIOSUN teaching Hospital. April 2025 till date
- e. Member, Residency training committee, UNIOSUN teaching Hospital. January 2025 till date.
- f. Head, Department of Paediatrics and Child Health, UNIOSUN Teaching Hospital, June 2024 till date.
- g. Member, Medical advisory committee of UNIOSUN teaching Hospital. June 2024 till date.

- h. Member, Committee on assessment of UNIOSUN Teaching Hospital Annex. December 2024 till date.
- i. Coordinator II, Residency training programme, Department of Paediatrics and Child Health, UNIOSUN Teaching Hospital, Osogbo. April 2024 till date.
- j. Coordinator, Academic Committee for Residency Accreditation renewal of the Department of Paediatrics of LAUTECH Teaching Hospital, Osogbo. 2018 – 2019.
- k. Member, Paediatric ART switch committee, LAUTECH Teaching Hospital, Osogbo, Osun State. 2019.
- l. Member, Organizing Committee for the National Postgraduate medical college of Nigeria accreditation visit to the Department of Paediatrics and Child Health, UNIOSUN Teaching Hospital, Osogbo. 2019.
- m. Member Expanded executives, National Association of Resident Doctors, LAUTECH Teaching Hospital Osogbo chapter. 2017.
- n. Chief Resident, Department of Paediatrics and Child Health, LAUTECH Teaching Hospital, Osogbo. 2016 – 2017.
- o. Financial officer/ Treasurer, Department of Paediatrics and Child Health, LAUTECH Teaching Hospital, Osogbo. 2014 - 2016.

ii. WITHIN THE COMMUNITY

- a. Head of Paediatrics team, Imole free Surgical and Medical outreach. Organized by the Osun state government. December- February 2025.
- b. Guest speaker, UNIOSUN medical half hour on Rave FM radio enlightening programme on Measles infection in children. March 2024.

- c. Member, Technical Advisory Group on Pneumonia, Diarrhoea and Malaria research in Osun State, Equitable Health Access Initiative. June 2023.
- d. Member of Paediatrics Team, Imole free Surgical and Medical outreach. Organized by the Osun state government. March/April 2023.
- e. Financial Secretary, Gilead medical unit, Living Faith Church, Osogbo. 2021- 2023.
- f. Community outreaches to Orisumbare market Osogbo. Organized by Medical women association of Nigeria, Osun state chapter. 2021.
- g. Inter- secondary school debate organised by Medical Women association of Nigeria, Osun state chapter. March 2021.
- h. Community research work on lung function assessment among secondary school students in Osogbo local government. March - May 2018.
- i. Keynote speaker at the inauguration of new members into Nigeria girls Guide association, Osogbo chapter, 2017.
- j. Coordination and participation in the annual community medical outreach programmes organised by Living Faith Church, Osogbo. 2013- 2024.
- k. Volunteer Doctor, Global HIV/AIDS Initiative Nigeria May-Sept 2008.
- l. INEC Ad-hoc staff, Sokoto state gubernatorial by-election. 2008.
- m. Deworming exercise at model primary school, Tangaza local government, Sokoto state. 2008
- n. Independent monitor, National immunization Days, Tangaza local government, Sokoto State. 2007- 2008.

iv. NATIONAL

- a. National youth service corps (NYSC), Primary Health centre, Gidan Madi, Sokoto state.
2007 – 2008.
- b. Osun State Representative, National Annual Severe Malaria stakeholder meeting organised by the Federal Ministry of Health, Abuja. July 2023.

v. INTERNATIONAL: nil

I: COURSES TAUGHT DURING THE CURRENT ACADEMIC SESSION

- a) PAE 501- Introduction to Paediatrics and Child Health
- b) PAE 503- Respiratory disorders
- c) PAE 505- Gastrointestinal system
- d) PAE 507- Endocrine system
- e) PAE 511- Specific Infectious Diseases
- f) PAE 513- Clinics, Call Duty and Bed Side Teaching I
- g) PAE 502- Nutrition, Growth and Development
- h) PAE 504- Child Health and Primary care
- i) PAE 512- Clinics, Call Duty and Bed Side Teaching II

J: Graduate Studies Supervision:

1. **Name of candidate:** Oladimeji, Adenike Oluwakemi.

Project/ Thesis: The relationship between serum vitamin D, superoxide dismutase levels and community acquired pneumonia among under five children at UNIOSUN Teaching Hospital, Osogbo.

Nature of thesis: Fellowship

Completed /On-going: Completed.

Year of completion: 2025

2. **Name of candidate:** Adegbite, Kehinde Rukayat.

Project/ Thesis: The clinic-laboratory determinant of short-term outcome among babies with perinatal asphyxia in UNIOSUN Teaching Hospital, Southwest Nigeria.

Nature of thesis: Fellowship

Completed /On-going: Ongoing

Year of completion: 2026

3. **Name of candidate:** Aderinto Noah

Project/ Thesis: Association between serum Zinc and Bilirubin concentration in term Neonate with Hyperbilirubinaemia at UNIOSUN Teaching Hospital Osogbo, Nigeria.

Nature of thesis: Fellowship

Completed/ On-going: Ongoing

Year of completion: 2026

K: PUBLICATIONS:

I. **Books (authored/co-authored):** Nil

II. **Books (edited/co-edited):** Nil

III. **Monographs:** Nil

IV. **Chapters in books:**

1. **Odeyemi, A.O.** (2023). Paediatric Pulmonology. In: Alebiosu O. (ed): *Companion to Tropical Medicine*. Ile-Ife Nigeria. Obafemi Awolowo University Press. P 514-519.

ISBN 978-978-136-105-0. Number of pages: 817. Available at

https://www.researchgate.net/publication/390897451_Paediatric_pulmonology_case_presentation (On shore)

V. **Articles in learned journals:**

2. **Odeyemi, A.O.**, Olasinde, Y.T., Odeyemi, A.O, Oni, O.O., Idowu, O.J., Adeyemo, A.T. (2025) *Hypoxaemia And Associated Factors Among Children And Adolescents With Sickle Cell Anaemia In Steady State In A Tertiary Hospital In Nigeria*. Sierra Leone Journal of Medicine 2(1):53-58. **Official Publication of the University of Sierra Leone Teaching Hospitals. Publisher: the University of Sierra Leone Teaching. Hospitals complex. Freetown.** <https://sljm.org/journal/index.php/sljm/article/view/154> (Off shore)
3. Adeyemo, A.T., Ojewuyi, A.R., **Odeyemi, A.O.**, Adeyemo, A.T., Olumakinde, T.S., Akokhia, A.O. et al. (2025) *Patterns of Antibiotic Resistance in Children Hospitalized with Urinary Tract Infection in a Teaching Hospital, South South-West Nigeria*: Sierra Leone Journal of Medicine 2(1):7-15. **Official Publication of the University of Sierra Leone Teaching Hospitals. Publisher the University of Sierra Leone Teaching Hospitals complex. Freetown.** <https://sljm.org/journal/index.php/sljm/article/view/108> (Off shore)
4. Olasinde, Y.T., Ibrahim, R.O., Abolarin, A.T. **Odeyemi, A.O.**, Olasinde, A. Kofoworade, O.O. et al. (2024) *Disease Severity of Children Attending the Pediatric Sickle Cell Clinic of a Tertiary Health Institution in Southwest Nigeria*. Nigerian Journal of Basic and Clinical Sciences 21(1):52-57. **Official Publication of the of College of Health Sciences, Bayero University Kano, Nigeria. Publisher: Wolters-Kluwer-**

- Medknow, India.** Available at https://journals.lww.com/nbcs/fulltext/2024/21010/disease_severity_of_children_attending_the.11.aspx **(On shore)**
5. **Odeyemi, A.O.,** Oninla, S.O. Olagunju, F.A., Ayeni, T.O., Afolabi, R.G., Ajagunna, T.E. (2024) *Assessment of Pre-Referral Treatment of Severe Malaria among Children Seen at a Referral Health Facility in South-Western Nigeria.* Sierra Leone Journal of Medicine 1(2):141-146. **Official Publication of the University of Sierra Leone Teaching Hospitals. Publisher the University of Sierra Leone Teaching Hospitals complex. Freetown.** Available at <https://sljm.org/journal/index.php/sljm/article/view/102> **(Off shore)**
6. **Odeyemi, A.O.,** Odeyemi, A.O., Ojewuyi, A.R., Olasinde, Y.T., Oni, O.O., Ojo, O.T. (2023) *Factors associated with mortality among patients with tuberculosis in a tertiary hospital in South West Nigeria.* Assam Journal of Internal medicine 13(2):57-63. **Official Publication of the association of Physicians of India, Assam chapter. Publisher: Wolters-Kluwer-Medknow, India.** Available at https://journals.lww.com/ajim/fulltext/2023/13020/factors_associated_with_mortality_among_patients.3.aspx **(Off shore)**
7. Oni, O.O., Odeyemi, A.O., Olasinde, Y.T., **Odeyemi, A.O.,** Olufemi-Aworinde, K.J., Abolarin, A.T., Ala, O.A. (2023) *Pulmonary Hypertension and left ventricular geometric types in sickle cell anaemia.* American Journal of Cardiology 203:175-183. **Publisher: Elsevier Inc.** Available at [https://www.ajconline.org/article/S0002-9149\(23\)00510-6/abstract](https://www.ajconline.org/article/S0002-9149(23)00510-6/abstract) **(Off shore)**

8. Ojewuyi, A.R., Odeyemi, A.O., **Odeyemi, A.O.**, (2022) *Extra-pulmonary presentation of Tuberculosis among Patients managed for Tuberculosis at a Tertiary Hospital in South-west Nigeria: A Retrospective Study*. *Western Journal of Medical and Biomedical Sciences*. 2(3):183-187. **Journal of the University of Medical Sciences, Faculty of Basic Clinical Sciences, Ondo-city, Ondo-State, Nigeria. Publisher: The University of Medical Sciences, Faculty of Basic Clinical Sciences, Ondo-city, Ondo-State, Nigeria.** Available at <https://wjmb.com.ng/index.php/wjmb/article/view/64> (On shore)
9. **Odeyemi, A.O.**, Olasinde, Y.T., Ojewuyi, A.R., Odeyemi, A.O., Ala, O.A., (2022) *Malaria parasitaemia and its associated factors among febrile children in a tertiary hospital in Southwest Nigeria*. *West African Journal of Medicine*. 39(3): 314-319. **Journal of the West African College of Physician and West African College of Surgeons. Publisher: The West African College of Physician and Surgeons.** Available at https://www.researchgate.net/publication/359773190_Malaria_Parasitaemia_and_its_Associated_Factors_among_Febrile_Children_in_a_Tertiary_Hospital_in_Southwest_Nigeria (Off shore)
10. Odeyemi, A.O., Olufemi-Aworinde, K.J., **Odeyemi, A.O.**, Oni, O.O., Olasinde, Y.T., Akande, J.O. (2022) *Lung function abnormalities in patients with sickle cell disease in a Nigerian tertiary health centre*. *Alexandria Journal of Medicine* 58(1):31-37. **Journal of the Alexandria University Faculty of Medicine. Publisher: Taylor and Francis online UK. Available at** <https://www.tandfonline.com/doi/full/10.1080/20905068.2022.2057146> (Off shore)

11. **Odeyemi, A.O.**, Olasinde, Y.T., Ojewuyi, A.R., Odeyemi, A.O., Ala, O.A., Agelebe, E. (2022). *Utilization of long-lasting insecticidal net among children aged less than five years in a tertiary health facility in south-west Nigeria*. Alexandria Journal of Medicine 58(1):44-51. **Journal of the Alexandria University Faculty of Medicine. Publisher: Taylor and Francis online UK.** Available at <https://www.tandfonline.com/doi/full/10.1080/20905068.2022.2067678> (Off shore)
12. Kayode, O.V., Oninla, S.O., Okeniyi, J.A.O., Oyedeji, G.A., **Odeyemi A.O.**, Abayomi, A.O. (2022) *Primary Hypertension with target organ damage among apparently healthy secondary school students in Osogbo, south-Western Nigeria*. West African Journal of Medicine. 39(6): 573-579. **Journal of the West African College of Physician and West African College of Surgeons. Publisher: The West African College of Physician and Surgeons.** Available at <https://wajmed.com/index.php/wajmed/article/view/145> (Off shore)
13. Agelebe, E., Oseni, S.B., Adebami, O.J., Oyedeji, O.A., **Odeyemi, A.O.** (2022) *Influence of social disadvantage among children admitted to the Pediatric Emergency Unit of a tertiary Hospital in Nigeria*. Nigerian Journal of Clinical Practice 25(7)1021-1028. **Journal of the Medical and Dental Consultants' Association of Nigeria. Publisher: Wolters-Kluwer-Medknow, India.** Available at https://journals.lww.com/njcp/fulltext/2022/25070/influence_of_social_disadvantage_among_children.7.aspx (Off shore)
14. **Odeyemi, A.O.**, Odeyemi, A.O., Musa, T.L. (2021). *Determinants of Outcome among Under-Five Children Hospitalized with Pneumonia at a Tertiary Health Facility in South-West Nigeria*. West African Journal of Medicine. 38(2):114-119. **Journal of the**

West African College of Physician and West African College of Surgeons.

Publisher: West African College of Physician and Surgeons. Available at

<https://wajmed.com/index.php/wajmed/article/view/951> (Off shore)

15. Ojewuyi, A.R., Odeyemi, A.O., **Odeyemi, A.O.**, Olotu, A.A., Oladipo, T.S., (2021).

Prevalence of rifampicin-resistant tuberculosis and its associated factors in a tertiary health centre, South-West Nigeria: A 5-year review. Caliphate Medical Journal.

9(1):513-516. **Publication of Nigerian Medical Association, Sokoto state chapter.**

Publisher: Nigerian Medical Association, Sokoto state chapter, Nigeria. Available

at <https://nmasokoto.org/cmj/papers/CMJ-2021-9-1-2.pdf> (On shore)

16. Odeyemi, A.O., **Odeyemi, A.O.**, Awopeju, O.F., Adewole, O.O., Tanimowo, M.O.,

Erhabor, G.E. (2021). *Community-acquired lower respiratory tract infections in an adult population with HIV infection in a Nigerian tertiary hospital.* Research Journal of Health

Sciences. 9(2):150-157. **Journal of the College of Health sciences, Osun state**

university. Publisher: Osun State University. Available at

<https://www.ajol.info/index.php/rejhs/article/view/205855> (On shore)

17. Odeyemi, A.O., **Odeyemi, A.O.**, Awopeju, O.F., Adewole, O.O., Tanimowo, M.O.,

Erhabor, G.E. (2021). *Pulmonary Tuberculosis in a cohort of HIV patients in a tertiary hospital in Osogbo, south-western Nigeria.* Niger Delta Medical Journal. 5(2):7-15.

Journal of the Medical and Dental Consultants' Association of Niger Delta

University Teaching Hospital. Publisher: The Medical and Dental Consultants'

Association of Niger Delta University Teaching Hospital, Bayelsa state, Nigeria.

Available at

https://www.researchgate.net/publication/352169734_PULMONARY_TUBERCULOSIS

[IS IN A COHORT OF HIV PATIENTS IN A TERTIARY HOSPITAL IN OS](#)

[OGBO SOUTHWESTERN NIGERIA](#) Journal url: <https://ndjmmr.org/> (On

shore)

18. Kayode, O.V., Adebami, O.J., Oyedeji, O.A., Oninla, S.O., Oseni, S.B.A., **Odeyemi, A.O.** (2021). *Abnormal biochemical parameters among term neonates with perinatal asphyxia and their non-asphyxiated controls in Osogbo*. Research Journal of Health Sciences. 9(3):308-319. **Journal of the College of Health sciences, Osun state university. Publisher: Osun State University** Available at <https://www.ajol.info/index.php/rejhs/article/view/210157> (On shore)
19. Olasinde, Y.T., Ibrahim, O.R., Idowu, A., **Odeyemi, A.O.**, Olasinde, A., Agelebe, E et al. (2021). *Determinants of Exclusive Breastfeeding Practices among Mothers of Infants Less Than Six Months Attending an Immunization Clinic in Southwestern Nigeria*. Cureus 13(6): e15975. **Publisher: Cureus (part of Springer nature)**. Available at <https://www.cureus.com/articles/57785-determinants-of-exclusive-breastfeeding-practices-among-mothers-of-infants-less-than-six-months-attending-an-immunization-clinic-in-southwestern-nigeria#!/> (Off shore)
20. **Odeyemi, A.O.**, Adebami, O.J., Okeniyi, J.A.O., Odeyemi, A.O., Kayode, O.V., (2020). *Hypoxaemia and its clinical predictors among children with pneumonia at a tertiary centre in Osogbo, Southwestern, Nigeria*. Research Journal of Health Sciences. 8(2):80-91. **Journal of the College of Health sciences, Osun state university. Publisher: Osun State University.** Available at <https://www.ajol.info/index.php/rejhs/article/view/197482> (Off shore)

21. **Odeyemi, A.O.**, Oyedeji, A.O., Adebami, O.J., Odeyemi, A.O., Agelebe, E. (2020). *Complications of Pneumonia and its associated factors in a pediatric population in Osogbo, Nigeria*. Nigerian Journal of Paediatrics. 47(4):318-323. **Journal of the Paediatric Association of Nigeria. Publisher: Paediatrics association of Nigeria.** Available at <https://www.ajol.info/index.php/njp/article/view/199131> (On shore)
22. Oyedeji, O.A., Afolabi, A.A., **Odeyemi, A.O.**, Kayode, V.O., Agelebe, E. (2020). *Atopy in HIV-infected children attending the pediatric antiretroviral clinic of LAUTECH Teaching Hospital, Osogbo*. Nigerian Journal of Clinical Practice.23:1061-1067. **Journal of the Medical and Dental Consultants' Association of Nigeria. Publisher: Wolters-Kluwer-Medknow, India.** Available at https://journals.lww.com/njcp/fulltext/2020/23080/atopy_in_hiv_infected_children_ending_the.6.aspx (Off shore)
23. **Odeyemi, A.O.**, Odeyemi, A.O., Kayode, O.V., Oseni, S.B.A., Oyedeji, O.A. (2020). *Exercise-induced bronchospasm and its associated factors among secondary school students in an urban community*. Alexandria Journal of Medicine. 56(1):203-209. **Journal of the Alexandria University Faculty of Medicine. Publisher: Taylor and Francis online UK.** Available at <https://www.tandfonline.com/doi/full/10.1080/20905068.2020.1848238> (Off shore)

VI. **Review Articles:** Nil

VII. **Refereed Conference Proceedings:** Nil

VIII **Book Reviews:** Nil

IX. **Technical Reports:** Nil

X. **Patents and Inventions:** Nil

XI. Online Journal Articles (For Journals with no hard copies only): Nil

L: CURRENT RESEARCH ACTIVITIES

(i) Funded Research: Nil

(ii) Non- funded/self-sponsored Research

1. Survey of Healthcare Workers' knowledge of oxygen therapy in Paediatric patients at Nigerian tertiary hospitals.
2. Pre-hospital antibiotics use and disease outcome among children hospitalized with community-acquired pneumonia.
3. The relationship between serum vitamin D, superoxide dismutase levels and community acquired pneumonia among under five children at UNIOSUN Teaching Hospital, Osogbo.
4. Patterns of Antimicrobial Use in a Nigerian Hospital and Broader Trends across Nigeria and Africa: A Multi-Level Analysis.
5. Spectrum of skin disorders seen among Children attending the paediatric Outpatient clinic of a health institution in South-west Nigeria tertiary
6. The clinic-laboratory determinant of short-term outcome among babies with perinatal asphyxia in UNIOSUN Teaching Hospital, Southwest Nigeria.
7. Assessment of disease control using the Asthma Control Test (ACT) score among children with asthma in UNIOSUN Teaching Hospital, Osogbo.
8. Haematology parameter and clinical association in Children with Steady-state Sickle cell Anaemia in Southwest Nigeria.

9. Facility-Based Study of Socio-clinical predictors of treatment outcomes among Human Immunodeficiency Virus-exposed Nigerian Infants.
10. Tuberculosis and HIV Co-infection Admissions and Outcome in Children at a Nigerian Tertiary Hospital.
11. Profile of relative systemic hypertension in patients with sickle cell disease: an observational study from Ogbomoso, Nigeria.
12. Assessment of the risk of antibiotics resistance in childhood pneumonia in a tertiary hospital in Nigeria.

M: CONFERENCES (SEMINARS AND WORKSHOPS) ATTENDED.

CONFERENCES

- I. Annual Scientific Conference and All Fellows Congress of the National Postgraduate Medical College of Nigeria. Port Harcourt, September 2024.
- II. 54th Annual General Meeting and Scientific Conference of the Paediatric Association of Nigeria, Akure, January 2023.
- III. Annual General Meeting and Scientific Conference of the Nigerian Thoracic Society, Abuja, November, 2022.
- IV. 2nd Annual Scientific Conference of the College of Health Sciences, Osun State University. Osogbo. August 2022.
- V. 52nd/ 53rd Annual General Meeting and Scientific Conference of the Paediatric Association of Nigeria, Uyo, January 2022.
- VI. Annual General Meeting and Scientific Conference of the Nigerian Thoracic Society, Lagos, November, 2021.

- VII. 5th Biennial General Meeting and Scientific Conference of the Nigerian Society for Paediatric Infectious Disease, Anambra, November, 2021.
- VIII. 51st Annual General Meeting of the Paediatric Association of Nigeria (Virtual). 2021.
- IX. Annual General Meeting and Scientific Conference of the Nigerian Thoracic Society, Asaba, November, 2020.

SEMINARS/WORKSHOPS

- I. Training on pre- and post-analytical aspects of antibiotics/ diagnostic stewardship, organized by Nigeria Centre for Disease Control (NCDC). February 2025.
- II. 1-Day training workshop for Academic staffs. Organized by Osun State University. February 2025.
- III. 2-Day Capacity building workshop organized by UNIOSUN Teaching Hospital. January 2025.
- IV. Global Disaster Preparedness eLearning course organized by the American Academy of Pediatrics in conjunction with the Paediatrics Association of Nigeria. January- February 2025.
- V. Antimicrobial stewardship (AMS) training organized by the Fleming fund grant in collaboration with Nigeria Centre for Disease Control (NCDC). November 2024.
- VI. Master Training of Trainers workshop on Maternal, Infant and Young Child nutrition (MIYCN). Federal Ministry of Health and Social Welfare in collaboration with Osun State Ministry of Health. June 2024.
- VII. Faculty day workshop on impact of blue-light on the eyes and circadian rhythm. Organized by the Faculty of Clinical Sciences, Osun State University. July 2024.

- VIII. Acute symptomatic seizures in children. Limi Hospital webinar series. June 2023
- IX. Wyeth Nutrition Science centre Africa (WNSC) symposium and learning in Childhood (virtual). July 2023.
- X. Severe Malaria stakeholder workshop. Organised by the Federal Ministry of Health, Abuja. July 2023
- XI. Dilated Cardiomyopathy. Webinar organised by the Nigerian society of Paediatric Cardiology (NISOPAC); Virtual, June 2023.
- XII. Leadership and strategic planning retreat. Osun State University. May 2023.
- XIII. Grantsmanship workshop of College of Health Sciences, Osun State University. April 2023.
- XIV. Non-communicable diseases in the West African region organised by Commonwealth Medical Association. (Virtual), March 2023.
- XV. PATS & ERS Paediatric webinar: Sickle Cell Disease and the Lung. August 2023
- XVI. Paediatric Association of Nigeria (PAN) webinar series. Vaccine communication. (Virtual), November 2022.
- XVII. Workshop on Quantitative Data Analysis SPSS organised by the college of Health Sciences, Osun State University. August, 2022.
- XVIII. Faculty day workshop on sudden death among intellectuals. Organized by the Faculty of Clinical Sciences, Osun State University. July 2022.
- XIX. Friesland Campina Institute and Nigeria Society of Paediatric Gastroenterology, Hepatology and Nutrition Symposium, June 2022.
- XX. Basic life support organised by the National Postgraduate Medical College of Nigeria in conjunction with the American Heart Association. January 2022.

- XXI. Paediatric advance life support organised by the National Postgraduate Medical College of Nigeria in conjunction with the American Heart Association. January 2022.
- XXII. Respiratory workshop (Asthma and allergy) organised by little lung Africa in conjunction with Nigeria Thoracic Society. January, 2022
- XXIII. Medical Education course organised by the National Postgraduate Medical College of Nigeria. November 2021.
- XXIV. CardioCare webinar/ symposium. July 2021.
- XXV. Workshop on Adult Vaccination: organized by Nigerian Medical Association in collaboration with Pfizer. July 2021.
- XXVI. Treatment of pre-malignant cervical lesion using thermos-ablation, organised by the Medical Women association of Nigeria. July 2021.
- XXVII. Training Workshop on Research organized by the Directorate of Research and strategic partnership, Bowen University, Iwo. June 2021.
- XXVIII. NESTLE: Nutrition and learning webinar lectures May 2021.
- XXIX. CardioCare webinar/ training session. March 2021.
- XXX. Paediatric Association of Nigeria (PAN) webinar series. Epidemiology and risk of COVID-19 among children in Nigeria. Virtual plenary seminar, January 2021
- XXXI. Nestle symposium. August 2020.
- XXXII. Nestle Nutrition workshop. July 2020.
- XXXIII. Training of Trainers on Grantsmanship. Faculty of Paediatrics (Nigeria chapter) virtual, West African College of Physicians. December 2020.

N: EXTRA-CURRICULAR ACTIVITIES

Reading

Listening to music

Meeting people

O. OTHER RELEVANT INFORMATION

(i) Manuscripts submitted for publication

1. Oyedeji O.A., Olagunju F.A., **Odeyemi A.O.**, Afolabi A.A., Agelebe E., Kayode O.V., Oninla SO. Tuberculosis and HIV co-infection admissions and outcome in children at a Nigerian tertiary hospital
2. Olagunju F.A., Oninla S.O., Adeyemo S.C., Fadahunsi K.P., **Odeyemi A.O.**, Olabode E.D. et al. Predictors of virological Outcomes in patients with Human Immunodeficiency Virus on Antiretroviral Therapy in Osogbo, Southwest Nigeria: Cross-Sectional Study.
3. Odeyemi A.O., Adewole O.O., **Odeyemi A.O.**, Ojo O.T., Adedire A., and Azeez L. Ambient air pollution exposure and lung function assessments of fuel station attendants in Osogbo, Nigeria: a cross-sectional study. American Journal of Medicine Open. AJMO-D-24-00217.

(ii) Professional Accomplishments:

I establish a Paediatric pulmonology unit at the Bowen University Teaching Hospital. Spirometry is now being done and interpreted for paediatric patients with pulmonary disorders for diagnostic and therapeutic purpose.

P. SUMMARY OF CONTRIBUTION TO KNOWLEDGE

My major research interest is in Paediatric pulmonary particularly the lungs in systemic diseases and lung infections mainly childhood pneumonia and Pulmonary Tuberculosis

The lungs in systemic diseases and lung infections.

The lungs are the vital organs of respiration. It performs a major role in the exchange of gases. Respiratory disorders remain one of the leading causes of ill- health and death in children globally, particularly so in resource poor countries. The respiratory disorders in children can be related to infectious and non-infectious agents. Haematologic disorder such as sickle cell anaemia (SCA) affect the respiratory system and may bring about abnormality of lung function and/ or pulmonary hypertension in the affected individuals. The prevalence of hypoxaemia in SCA patients was 16.7%. Hypoxaemia was significantly associated with increasing age, repeated episodes of crisis of three or more times in the preceding year, type of crisis, non-usage of hydroxyurea and tricuspid regurgitant velocity ≥ 2.5 m/s. Hypoxaemia occurs among children with sickle-cell anaemia even in steady-state; hence, there is need to monitor the oxygen saturation of SCA patients. **(paper 2)** Children with sickle cell anaemia have varying degree of severity. Our study showed that up to 80 percent of children with SCA had a mild index of disease severity. A low steady state white blood cell count predicted a mild disease severity. **(paper 4)**

Tuberculosis (TB) is a prevalent lung infection. Recently, tuberculosis disease is on the increase due to increase prevalence of HIV infection and drug resistant TB in the developing countries. Tuberculosis is a significant cause of morbidity and mortality, particularly in developing countries. The mortality rate in our study was 12.2%. TB mortality was associated with age > 60 years, HIV infection, sputum smear negativity and extra-pulmonary TB. Prevention of HIV infection will have a substantial impact on the reduction of TB burden and mortality. **(paper 6)** Extra pulmonary TB

(EPTB) is a common form of tuberculosis in our environment with a frequency of 16.3% among our subjects. TB of the spine was the commonest form of EPTB. EPTB was particularly seen in those with newly diagnosed TB (**paper 8**). Pulmonary hypertension and lung function abnormalities occur frequently among people with SCD. Our study recorded a 6.2% prevalence of pulmonary hypertension in while a 40.7% prevalence of abnormal lung function was recorded. The restrictive pattern (abnormality) occurred most commonly with a prevalence of 28.3%.among SCD patients with abnormal lung function test. These abnormalities occurred more frequently as patients' age increases. (**paper 10**) The lungs are also affected by infections resulting in pneumonia. Pneumonia is particularly common in children especially those aged less than five years. It is one of the leading causes of childhood mortality. In Nigeria, pneumonia is still a fundamental public health problem, with an estimated 162,000 death among children under the age of five in 2018.

We highlighted the clinical manifestations, frequency of pneumonia complications, frequency of hypoxaemia in childhood pneumonia and pneumonia mortality. Our study observed that over 54% of children with pneumonia developed complications. Complicated pneumonia was associated with prolonged hospital stay and increased risk of mortality (**papers 14, 16, 20 and 21**). Pneumonia in children was observed to have a case-fatality ratio of 10.1% and independent predictors of pneumonia mortality were temperature $>38.30C$, grunting, central cyanosis, hypoxaemia and severe anaemia (**paper 14**). We also observed that 38% of children with pneumonia had hypoxaemia at presentation (**paper 20**) while 57% of those with complicated pneumonia had hypoxaemia at presentation (**paper 20**). The clinical predictors of hypoxaemia were observed to be a combination of nasal flaring with central cyanosis, grunting and tachypnoea (**paper 20**). Other aspects in Pulmonology that I have contributed to knowledge include prevalence

of exercise-induced bronchospasm (EIB) among secondary school adolescents. EIB exist among school children with no previous diagnosis of asthma, and it is more frequent among the early adolescent age-group. Students with allergic conjunctivitis and rhinitis are more likely to manifest exercise induced bronchospasm (**paper 23**).

General Paediatrics

Other area of contribution to knowledge is in childhood malaria. Our study found that the proportion of children with severe malaria who received pre-referral antimalarial was 42.2%. Intramuscular artemether was the most common pre-referral antimalarial given and there was no mortality among children with severe malaria who receive pre-referral antimalarial treatment. Pre-referral antimalarial treatment reduces mortality associated with severe malaria in children. (**paper 5**) Other studies looked at the prevalence of malaria parasitaemia among febrile children (**paper 9**) and factors affecting the use of long-lasting insecticide treated bed nets among children (**paper 11**). Approximately 70% of the participants tested positive for Plasmodium falciparum, 21.1% had severe malaria. Severe anaemia (37.8%) and cerebral malaria (24.4%) were the common complications observed. Malaria was significantly associated with increasing age. Children who slept regularly under LLIN and those using insecticidal spray were more likely to be protected from developing malaria. (**paper 9**) Our study also noted that social disadvantage has an influence on the pattern of morbidity among children. Children of low-income parents, unemployed mother, single parent, residents of rural places, and those without health insurance are more vulnerable to developing infectious disease as well as neonatal jaundice and protein-energy malnutrition. Children who are socially disadvantaged has an increased risk of poor illness outcome (death) (**paper 13**). Exclusive breastfeeding (EBF) is a cost-effective means of improving the childhood health indices. Despite the effectiveness of breastfeeding, our study

reported EBF rate of 46.1%, the EBF practice was average in the studied population. Vaginal delivery and family size greater than four were the determinants of exclusive breastfeeding. The study concluded that there is a need to sustain the promotion of appropriate breastfeeding practices as it is a single cost-effective tool in the prevention of childhood diseases; pneumonia inclusive (**paper 20**). We reported atopic diseases occurring in HIV infected children with a prevalence of 14.3%. Atopic disease conditions were more commonly recorded amongst the male sex and those whose parents have atopic diseases. Atopic diseases were also more common among children without advanced HIV diseases (**paper 22**)

In a case-control study, we observed a high prevalence of abnormal biochemical parameters among neonates with perinatal asphyxia in comparison to their non-asphyxiated controls. Babies with hypoxic ischaemic encephalopathy stage III significantly showed the worst biochemical parameters in the first 72 hours of life (**paper 18**).

Dr. ODEYEMI Abimbola



13/09/2025

Name

Signature

Date