CURRICULUM VITAE

I. (a) Name (underline Surname) Adenike Olusola Olatunji-Akioye (Nee Idowu)
(b) Date of Birth: 13 February, 1971
(c) Department: Veterinary Surgery and Radiology
(d) Faculty**:** Veterinary Medicine

II. (a) First Academic Appointment: Lecturer II (7 January 2008)
(b) Present Post (with date): Professor (1 October, 2024)
(c) Date of last Promotion: 1 October 2024
(d) Date last considered (in cases where promotion was not through) : Not Applicable

III. University Education (with dates):
(a)University of Ibadan, Nigeria 1988-1995
(b)University of Ibadan, Nigeria 1999-2004
(c)University of Ibadan, Nigeria 2004-2014

IV. Academic Qualification (with dates and granting bodies):
(a) Doctor of Veterinary Medicine (DVM) (Ibadan) 1995
(b) Master of Veterinary Science (MVSc) (Ibadan) 2004
(c) Doctor of Philosophy (Ph.D.) (Ibadan) 2014

V. Professional Qualifications and Diplomas (with date):
Doctor of Veterinary Medicine (DVM) 1995
Registered Veterinary Surgeon (VCN No. 2688) 1995
Intermediate Diploma in Ultrasonography 2013
Fellow College of Veterinary Surgeons of Nigeria (FCVSN) 2016

VI. Scholarships, Fellowships and Prizes (with date) in respect of Undergraduate and Postgraduate work only:

(a) MacArthur Foundation Grant (Short Term) 2006 utilized at the Surgical Medical Research Institute, University of Alberta, Edmonton 2007
(b) Fulbright JSD scholarship to Louisiana State University School of Veterinary Medicine Radiology Service 2011

VII. Honours, Distinctions and Membership Of Learned Societies:

(a) Member, Nigerian Veterinary Medical Association (NVMA).
(b) Member, Veterinary Wound Healing Association (VWHA).
(c) Member, International Veterinary Radiology Association (IVRA).

VIII. Details Of Teaching/Work Experience:

1. Teaching Appointments Held (with dates)
   Lecturer II, Department of Veterinary Surgery and Radiology University of Ibadan, 8 January, 2008- 30 September, 2011
   Lecturer I, Department of Veterinary Surgery and Radiology, University of Ibadan,1 October, 2011- 30 September, 2014
   Senior Lecturer, Department of Veterinary Surgery and Radiology, University of Ibadan, 1 October, 2014 till date.

2. Courses Taught at Undergraduate Level (with dates):
   In conjunction with other lecturers in my department, I have been involved in teaching the following courses listed below:

2008 till date

Course Code	Description	Units
VSR 421	General Surgery	3
VSR 422	Field Practice	6
VSR 513	Veterinary Anaesthesia	2
VSR 514	Small Animal Surgery	2
VSR 525	Veterinary Orthopaedics	2
VSR 526	Surgical Diseases	2
VSR 531	Surgery Clinics	3
VSR 634	Surgery Clinics	6
VSR 617	Operative Surgery	2
VSR 628	Diagnostic Imaging	2
VSR 632	Surgical Exercises	2
VSR 639	Project	6

3. a. Courses Taught at Postgraduate Level (with dates)

2015-till date

Course Code	Description	Units
VSR 711	Radiographic Technique	3
VSR 712	Advanced Diagnostic Imaging	3
VSR 730	Project	6

b. In conjunction with other lecturers in my department, I am involved in evaluating:

Course Code	Description	Units
VSR 731	Seminar	2

4. Project, Dissertation and Thesis Supervised:
   a. I have supervised twelve undergraduate (D.V.M) projects
   b. I have supervised three Master of Veterinary Surgery (M.V.Sc.) projects
   c. I have supervised one PhD. Thesis.

5. Clinical Services to the Veterinary Teaching Hospital, University of Ibadan:

I have been involved in rendering clinical services as a Registrar in the Soft Tissue Surgery and Radiology specialties till, 2017 when I was appointed a Consultant.

6. Administrative Services at the Departmental, Faculty and University Levels:

1. Coordinator, Surgical Exercises	2007-2008
2. Faculty Computer Committee Representative	2008-2014
3. Departmental Webpage Committee Representative	2008-2014
4. Member, Faculty Ceremonial Committee	2010-2019
5. Assistant Hall warden, Queen Idia Hall	2011-2015
6. Departmental Postgraduate Seminar Coordinator	2013-2014
7. Faculty Rep on Board of UI Ventures	2014-2015
8. Member, Faculty 50th Anniversary Planning Committee	2014
9. Sub-Dean (Clinics)	2015-2017
10. Faculty Ceremonial Committee	2015-2019
11. Co-opted member, RESDEV, UI	2016-2019
12. Sub-Dean (Postgraduate)	2017-2019
13. Congregation Representative in UI Senate	2018-2020
14, Faculty Rep, A & P Committee	2021-2023
15. Acting Head of Department	2022-2023
15. Head of Department	2025-till date

IX. Research:

a. Completed

1. The gross and histological effects of ischemia-reperfusion injury on intestinal anastomotic wound healing in dogs (Papers 6 and 7).
2. Bio-molecular determinants of ischemia reperfusion injury in canine and caprine intestinal and urogenital tracts and implications of gastrointestinal emergencies on fertility in farm animals (Papers 16, 17 and 18).
3. Radiographic studies on farmed catfish (*Clarias gariepinus*) skeletons (Paper 12).
4. Radiographic indices of heart size in Nigerian Local dogs (Papers 20 and 27).
5. Imaging the West African Mud Turtle (*Pelosius castaneus*) (Papers 21, 22 and 26).
6. Thoracic Radiographic Anatomy of the West African Dwarf goat. (Paper 31)

b. In Progress:

1. Radiographic assessment of hip dysplasia in cats. A study designed to assess the reasons behind request for euthanasia among cat owners and determine the attributes of hip dysplasia and contributory impact on cat owner requests for euthanasia due to difficulty in handling their pets. This will enable a current assessment of cat owner requests for euthanasia and reveal underlying disease responsible for such. This project is 80% completed.
2. Imaging in Diagnosis of Gastrointestinal Diseases. This study wishes to investigate the use of imaging in the diagnosis of gastrointestinal diseases and will compare radiography and ultrasonography and their efficacy in diagnosis. Client dogs form part of this study to enable clinical type conditions while research animals will be utilised to confirm what is observed in clinical settings. This will enable clinicians understand which imaging modality to request based on clinical signs presented. Part of this project started in 2019 50% completed
3. Imaging the Pangolin: This study attempts to provide radiographic Anatomy of the pangolin which is an endangered mammal native to Nigeria to enable characterization of the species found in Nigeria. Also to provide imaging baseline data in cases of radiographic diagnosis. This project started in 2019 and is 70% completed.
4. Ultrasonography of laboratory rats. This study wishes to investigate the normal dimensions and architecture of testes of Wistar strain of rats that are in copious use in research. Several rats will be imaged to determine the morphometry of normal testes in this specie. The results will serve as baseline data for any studies that seek to alter normal testicular morphology of these rats by pharmmacoogical agents. Data is currently being collected and will be concluded in the last quarter of 2021.

c. Projects, Dissertation and Thesis:

1. Olatunji-Akioye A. O. (1995) Effect of Xylazine Anaesthesia on Blood Biochemistry of West African Dwarf Goats. DVM Project, University of Ibadan, 50pp.
2. Olatunji-Akioye A. O. (2004) The Effect of Ischaemia-Reperfusion Injury on Intestinal Anastomotic Wound Healing in Dogs. MVSc Project, University of Ibadan, 78pp.
3. Olatunji-Akioye A. O. (2014) Haematological, Serum Chemical and Gonadal Changes Associated with Post-Surgical Intestinal Ischaemia-Reperfusion Injury in Male Rats and West African Dwarf Bucks. PhD thesis, University of Ibadan, 175pp.

4. Olatunji-Akioye A. O. (2016) Vertebral Heart Score of Nigerian Local Dogs. Fellowship Dissertation, College of Veterinary Surgeons, Nigeria, 33pp.

X. Publications

(a) Books Already Published: Nil

(b) Chapters in Books Already Published**:**

1a. **Olatunji-Akioye, A. O**. (2022). A. Chapter 1: Production and properties of x- rays. In Veterinary Diagnostic Imaging Textbook for Undergraduates. First Veritas Press ISBN: 978-978-8508-60-1. 157pp. (Nigeria) (Contribution: 100%).

1b. **Olatunji-Akioye, A. O.** (2022). Chapter 2: Radiographic qualities and errors. In Veterinary Diagnostic Imaging Textbook for Undergraduates. First Veritas Press ISBN: 978-978-8508-60-1. 157pp. (Nigeria) (Contribution: 100%).

1c. **Olatunji-Akioye, A. O.** (2022). Chapter 3: Radiography of the thorax. In Veterinary Diagnostic Imaging Textbook for Undergraduates. First Veritas Press ISBN: 978 978-8508-60-1. 157pp. (Nigeria) (Contribution: 100%).

2. Adetunji, A. and **Olatunji-Akioye, A.O.** (2014). Diagnostic Techniques in Surgery: In Adeniran Adetunji (Ed) *Essential Veterinary Surgery*. Ibadan University Press. 109-136pp. ISBN: 978-978-8456-74-2 (Nigeria) (Contribution 50%).

3**.** **Olatunji-Akioye A. O.** (2019). Caesarian Section in domestic animals: In Leigh, O.O.,Mutembei, H.M. and Agbugba, L.C. (Eds) *Clinical and Laboratory Procedures in Theriogenology*. Ibadan: Scholarship Books. 193-208pp. ISBN 978-978-526-602-3. (Nigeria.) (Contribution 100%).

(c) Articles that have Already Appeared in Refereed Conference Proceedings: Nil

(d) Patents and Copyrights: Nil

(e) Articles that have already appeared in Learned Journals:

4**.** Olaifa, A. K., **Idowu, A. L.,** Adesina A. A. and Taiwo, V. O. (1998). Effects of Sedative dose of Xylazine on Serum Electrolytes in Clinically Normal West African Dwarf Goats. Tropical Veterinarian Vol 16, 161-164. (Nigeria) (Contribution: 35%).

5. **Olatunji-Akioye A.O.** and Akinrinmade J.F. (2006): Effect of Ischemia- Reperfusion on healing in Intestinal Anastomosis: Tropical Veterinarian Vol 24(3): 62-69. (Nigeria) (Contribution: 70%).

6. Akinrinmade J. F. and **Olatunji-Akioye A. O.** (2007): Histological Effects of ischemia-reperfusion on healing in intestinal anastomosis. International Journal of Morphology 25 (4): 805-810. (Chile) (Contribution: 50%).

7**.** **Olatunji-Akioye A. O.** and Adeyemo O. K. (2009): Liveweight and Chest Girth Correlation in Commercial Sheep and Goat Herds in Southwestern Nigeria. International Journal of Morphology 27(1):47-52. (Chile) (Contribution: 70%).

8. Olaifa, A. K., **Olatunji-Akioye, A. O.**, Agbaje, L. O. (2009): Distal paravertebral nerve block effects on West African Dwarf (WAD) goat hematology and physiology. Israel Journal of Veterinary Medicine 64 (4): 128-131. (Israel) (Contribution: 40%).

9. **Olatunji-Akioye, A. O.**, Omobowale O. T., Olaifa A. K., Abiola, O. (2010): Tail Amputation in an African Lion (*Panthera leo*). Israel Journal of Veterinary Medicine 65(2):75-79. (Israel) (Contribution: 40%).

10. **Olatunji-Akioye, A. O.,** Musa, A. M., and Suleiman, A. O. (2010). Ventricular impaction with peritonitis in an Adult Ostrich. Tropical Veterinarian Vol 28 (1): 38-41. (Nigeria) (Contribution: 70%).

11. **Olatunji-Akioye, A. O.**, Adeyemo, O. K., and Komolafe, O. T. (2010). Photographic and Radiographic Study of Osteological Abnormalities of the Head of Adult African Catfish (*Clarias Gariepinus*). International Journal of Morphology 28 (3): 719-722. (Chile) (Contribution: 50%).

12. **Olatunji-Akioye, A. O.,** Olukole, S. G., Musa, A. M., Suleiman A. O. (2010). A four legged hen with two cloaca and three ceaca. European Journal of Anatomy 14 (1):35-38. (Spain) (Contribution: 40%).

13. Olaifa, AK, **Olatunji-Akioye, AO**, Anyizi, BN (2011) Heamatological And BiochemicalChanges In West African Dwarf Goats Following Bloodless (Burdizzo) Castration.Sahel Journal of Veterinary Sciences Vol.10 (2). (Nigeria) (Contribution: 40%).

14. Olasemi G. O., **Olatunji-Akioye A. O.** (2011). A Case Report: Jejunal Intussusceptions Associated with Necrotic Enteritis in a Flock of Pullets in Nigeria. Asian Journal of Poultry Science 5 (3): 130-134. (United States of America) (Contribution: 50%).

15. **Olatunji-Akioye A. O.**, Fayemi O. E. (2013) Effects of Intestinal Ischaemia-Reperfusion Injury and Splenectomy on Haematological and Biochemical Parameters in Rats. African Journal of Biomedical Reseaech Vol 16 (3): 173-177. (Nigeria) (Contribution: 80%).

16. **Olatunji-Akioye A. O**. (2014) Histopathology of Intestinal Ischaemia-Reperfusion Injury. Global Veterinaria 13 (1):10-16. (United Arab Emirates) (Contribution: 100%).

17 **Olatunji-Akioye A. O.,** Fayemi O. E. (2014) Intestinal Ischaemia-Reperfusion Injury and Semen Characteristics in West African Dwarf Bucks. Nigerian Journal of Physiological Sciences Vol 29 (2): 081-083. (Nigeria) (Contribution: 80%).

18**.** **Olatunji-Akioye A. O.** and Otuh P. I. (2015) Multiple Spinal Curvatures in a captive African Dwarf Crocodile *Osteolaemu stetraspis* (COPE, 1861). Sokoto Journal of Veterinary Sciences Vol. 13 (3): 56-60. (Nigeria) (Contribution: 80%).

19. **Olatunji-Akioye A. O.** and Alabi, B. (2015) Preliminary Assessment Of Vertebral Heart Score Of The Nigerian Mongrel Dog. Nigerian Veterinary Journal Vol 36 (4):1283-1287. (Nigeria) (Contribution: 80%).

20. Olayinka- Adefemi, F., Abdulkareem, Z., **Olatunji-Akioye, A. O.,** Ogbole, I. C., Olukole, S. G. (2016): Case Report: Intestinal Ulceration in a West African Mud Turtle (*Pelusios castaneus*) World's Veterinary Journal 6(1):36-39. (Iran) (Contribution: 20%).

21. **Olatunji-Akioye, A. O.**, Abdulraheem, Z., Olayinka-Adefemi, F., Ogbole, I. C. (2016) Comparative Radiographic And Gross Anatomic Features Of The Gastrointestinal Tract Of The West African Mud Turtle, P. castaneus. Indian Journal of Veterinary Surgery 37 (1): 6-9. (India) (Contribution: 30%).

22. Ogunro B. N., Otuh P. I., **Olatunji-Akioye, A. O**., Emikpe, B. O., Oyebanji V., Adejumobi O. A., Morenikeji O. (2016). Diagnosis and Management of Epitheliogenesis Imperfecta in a Piglet (*Sus scrofa domesticus*) in Ibadan, Nigeria. Nigerian Veterinary Journal 37 (3): 187-191. (Nigeria) (Contribution: 20%).

23. **Olatunji-Akioye A. O.** and Aguma, J. (2016) Case Report: Radiographic diagnosis of Splayed Leg in a rabbit. Indian Veterinary Journal of Surgery 37 (2):141. (India) (Contribution: 80%).

24. **Olatunji-Akioye, A. O.**, Ojiaka, H. N., Samuel, E. (2017): Xylazine-Ketamine Anaesthesia; Comparative Studies in Male and Female Cane Rat (Thryonomys Swinderianus) International Journal of Pharmacy and Pharmaceutical Sciences Vol 9 (1)2017. (United States of America) (Contribution: 70%).

25. Olayinka-Adefemi, F., Ogbole, I. C., **Olatunji-Akioye, A. O**. (2017). Estimation of Gastrointestinal Transit Time in the West African Mud Turtle (Pelosius castaneus) (Schwinger 1812) using Contrast Radiography. West African Journal of Radiology. 24 (2) 147-151.**DOI**:10.4103/1658-354X.206808 (Nigeria) (Contribution: 30%).

26. **Olatunji-Akioye, A. O.** (2017). Preliminary cardiothoracic ratio measurements of South Western Nigerian local dog. Tropical Veterinarian Vol 35 (3)130-133. (Nigeria) (Contribution: 100%).

27. Olaifa, A. K., Oguntoye, C. O., **Olatunji-Akioye, A. O**. (2017). Surgical management of severe trauma involving group of muscles around the brisket of Dongola breed of horse: A case report. International Journal of Medical Reviews and Case Reports.1 (2) 32-35. DOI: 10.5455/IJMRCR. dongola-breed-of-horse-severe-trauma-surgery (Bulgaria) (Contribution: 30%).

28. **Olatunji-Akioye, A. O.**, Afonja, V. and Saka, B. (2018). Ultrasonography of the normal testes of WAD buck. Iranian Journal of Veterinary Surgery 13(2) Serial No 29 34-39. (Iran) (Contribution: 70%).

29. **Olatunji-Akioye, A. O.**, Omotosho, O. O., Bolaji-Alabi, F.B. (2018) Challenges and Prevalence of Radiographic Diagnosis in Dogs at the Veterinary Teaching Hospital, University of Ibadan. Sokoto Journal of Vet. Science Vol 16 (4):83-86. (Nigeria) (Contribution: 40%).

30. **Olatunji-Akioye, A. O.,** Farayola, E.B. (2019) Assessment of Breeding Soundness by Comparative Radiography and Ultrasonography of Rabbit Testes. International Journal of Animal and Veterinary Sciences Vol: 13, (4): 101-104. (United States of America) (Contribution: 80%).

31. **Olatunji-Akioye, A. O**., Olawoyin, C. M.and Oyeyemi, M. O. (2019) Incidence and Consequence of Surgical Removal of Gastric Foreign Bodies in West African Dwarf Goats in Ibadan. Animal Research International Vol 16 (3): 3478 – 3483. (Nigeria) (Contribution: 60%).

32. **Olatunji-Akioye, A. O.,** Bolaji-Alabi, F. B., and Oni, Z. (2020) Thoracic Radiographic Anatomy as a Diagnostic Tool for Pneumonia in West African Dwarf Goats. Animal Research International Vol 17(1): 3536 – 3540. (Nigeria) (Contribution: 40%).

33. Olukole S. G., **Olatunji-Akioye, A. O.**, Owolabi O. O., Oke B. O. (2020). Structural Modifications of the Small Intestineof the African Giant Rat (Cricetomys gambianus, Waterhouse): Implications for Dietary demands and Improved Domestication. Turkish Journal of Agriculture-Food Science and Technology, 8(8):1630-1635.
34. **Olatunji-Akioye A.O.** (2020) Histomorphometry of Rat Testes Following Intestinal Ischaemia-Reperfusion Injury and Splenectomy. Nigerian Journal of Physiological Sciences 35: 209 - 212.
35. Farayola E. B., **Olatunji-Akioye A. O**. (2020). Gross Anatomy and histomorphology of Testes in New Zealand White Rabbit. Exploratory Animal Medical Research 10(1):80-83.
36. Oni, ZO, **Olatunji-Akioye AO,** Oni AA. (2021) Prevalence of hip dyplasia in domestic shorthair breed of cats in three municipal districts in Accra Ghana. Journal of Veterinary Medicine and Animal Health Vol 13 (3) pp 121-125. (Contribution: 50%).
37. Bolaji-Alabi FB, Adeyemo AA, **Olatunji-Akioye AO** (2021). Acute stress and physiological response to elective Laparorumenotomy in West African Dwarf Goats. Tropical Veterinarian. 39 (1).(Contribution: 40%).
38. **Olatunji-Akioye AO** and Oladeji IO (2022) Evaluation of Diagnostic Value of Otoscopy for Otitis in Dogs from Selected South Western states. Animal Research International Vol 19(2): 4460 – 4468 (Contribution: 80%).
39. **Olatunji-Akioye AO,** Akinbobola B, Oni, ZO. (2022) Comparison of Contrast Radiography and Ultrasonography in Diagnosing Gastrointestinal Obstruction in Rabbits. Journal of Veterinary Medicine and Animal Health. Vol14 (2) pp44-51.(Contribution: 60%).
40. Ogunleye AT, **Olatunji-Akioye AO**, Emikpe, BO, Jarikre TA, Omotosho OO, Morenikeji, OA (2022) Contrast Radiographic Anatomy of the Gastrointestinal Tract of African Tree Pangolin. West African Journal of RadiologyVol 29 (1) pp8-14.(Contribution: 40%).
41. Akinola O, Bolaji-Alabi FB, **Olatunji-Akioye AO** (2022) Ultrasonographicmorphometry of adrenal glands in West African Dwarf goats. Tropical Veterinarian. Vol 40 (3 & 4) pp2-6. (Contribution: 40%).
42. Oladipupo AA, **Olatunji-Akioye AO,** Igado OO. (2022) Polymelia in an Isa Brown Cockerel: A case report. Zariya Veterinarian Zariya Veterinarian 10 (1): 74-78. Nigeria (Contribution: 40%).
43. Bolaji-Alabi, F. B., **Olatunji-Akioye, A. O**., Ogunro, B. N. (2024). Conservative surgical management of unilateral traumatic proptosis in an eight week old boerboel puppy. SVU International Journal of Veterinary Sciences 7 (1): 56-61. (Egypt) (Contributions: 40%). Date of acceptance: 24 February, 2024.
44. **Olatunji-Akioye, A. O.,** and Onoja, M. J. (2025). Cystic endometrial hyperplasia pyometra complex complicated with both ehrlichiosis and hepatozoonosis in a Rottweiler bitch. Sokoto Journal of Veterinary Sciences, Volume 23:1, 50-53.
45. Doukoure Moussa, Aina Oluwasanmi Olayinka and **Olatunji-Akioye A. O.** (2025) Some Morphometric and Radiological Features of the African Bush Fowl (Francolinus bicalcaratus): Insights for Domestication and Conservation Strategies. Tropical Vet 43 (1) Pages 24-31.
46. **Olatunji-Akioye, A. O.,** Adediran, S. O., Bolaji-alabi, F. B., Abdulkadir, M.B. (2025). Novel Application of Endocavitary Ultrasound Probe for Transthoracic

Two-dimensional Guided Motion-mode Echocardiography in Rabbit. Journal of Research in Veterinary Sciences 07,106.

47. Jarikre TO, Omotosho O, Olawale OO, Olatunji-Akioye AO, **Olatunji-Akioye AO** Fawole EO, Adedotun Adeyefa, Emikpe BO, Morenikeji A (2022). Heamatology and serum biochemical changes of captured tree pangolins rescued from wildlife trade for conservation in Nigeria. Journal of Research in Veterinary Sciences 6 (3) 190. DOI: 10.5455/JRVS

48. Babatola O. Fabiyi, Francis T. Alabi and **Adenike O. Olatunji-Akioye** (2026) Preliminary evaluation of the radiographic anatomy, gastrointestinal transit dynamics and sedation response of the Graceful chameleon (Chamaeleo gracilis) .Journal of veterinary and applied sciences volume 16, issue 2: 1618 – 1629.

*Articles which have been published since last promotion (1 October, 2014)

(f) Books, Chapters in Books and Articles Already Accepted for Publication: Nil

(g) Technical Reports and Monographs:

49. **Olatunji-Akioye, A. O.** (2024). Advancing Veterinary Care: The current role of imaging in diagnosis and treatment. COTOG Lecture Series Life Stock Management Services Limited. Clinicians' Round Table. 18 April, 2024. (Nigeria) (Contribution: 100%).

50. **Olatunji-Akioye, A. O**. (2024). Basic Diagnostic imaging techniques for small animal practitioners (Radiography and Ultrasonography). 2nd Annual Veterinary Diagnostics Conference, 20-21 June, 2024. (Nigeria) (Contribution: 100%).

51. **Olatunji-Akioye, A. O.** (2024). Interpretation of radiography and ultrasonography in large and small animal. NVMA, Abuja Chapter, 10th August, 2024.

XI. Major Conferences Attended With Papers Read (in the last 5years):

1. Fabiyi, B, Alabi F, Olatunji-Akioye, AO. 2026 Imaging the West African chameleon: Bridging gaps in veterinary care and conservation. 4th International Conference on Veterinary and Biomedical Sciences (Virtual conference) 10-12 March, 2026.

XII. Ten Best Publications that Reflect the Totality of my Contributions to Scholarship

1. **Olatunji-Akioye A.O.** and Akinrinmade J. F. (2006): Effect of Ischemia- Reperfusion on healing in Intestinal Anastomosis: Tropical Veterinarian Vol 24(3): 62-69. (Nigeria) (Contribution: 70%).
2. **Olatunji-Akioye A. O.** and Adeyemo O. K. (2009): Liveweight and Chest Girth Correlation in Commercial Sheep and Goat Herds in Southwestern Nigeria. International Journal of Morphology 27(1):47-52. (Chile) (Contribution: 70%).
3. **Olatunji-Akioye, A. O.**, Adeyemo, O. K., and Komolafe, O. T. (2010). Photographic and Radiographic Study of Osteological Abnormalities of the Head of Adult African Catfish (*Clarias Gariepinus*). International Journal of Morphology 28(3)719-722. (Chile) (Contribution: 50%).
4. **Olatunji-Akioye A. O.** and Alabi, B. (2015) Preliminary Assessment Of Vertebral Heart Score Of The Nigerian Mongrel Dog. Nigerian Veterinary Journal Vol 36 (4):1283-1287. (Nigeria) (Contribution: 80%).
5. Olayinka- Adefemi, F., Abdulkareem, Z., **Olatunji-Akioye, A. O.,** Ogbole, I. C., Olukole, S. G. (2016). Case Report: Intestinal Ulceration in a West African Mud Turtle (*Pelusioscastaneus*) World's Veterinary Journal 6(1): 36-39. (Iran) (Contribution: 20%).
6. **Olatunji-Akioye, A.O.**, Abdulraheem, Z., Olayinka-Adefemi, F., Ogbole, I. C. (2016) Comparative Radiographic And Gross Anatomic Features Of The Gastrointestinal Tract Of The West African Mud Turtle, P. castaneus. Indian Journal of Veterinary Surgery 37 (1): 6-9. (India) (Contribution: 30%).
7. Olayinka-Adefemi, F, Ogbole, I. C., **Olatunji-Akioye, A. O**. (2017). Estimation of Gastrointestinal Transit Time in the West African Mud Turtle (Pelosius castaneus) (Schwinger 1812) using Contrast Radiography. West African Journal of Radiology. 24 (2): 147-151. (Nigeria) (Contribution: 30%).
8. **Olatunji-Akioye A. O.**, Afonja, V. and Saka, B. (2018). Ultrasonography of the normal testes of WAD buck. Iranian Journal of Veterinary Surgery 13(2) Serial No 29:34-39. (Iran) (Contribution: 70%).
9. **Olatunji-Akioye A. O.,** Farayola E. B. (2019) Assessment of Breeding Soundness by Comparative Radiography and Ultrasonography of Rabbit Testes. International Journal of Animal and Veterinary Sciences Vol: 13 (4):101-104. (USA) (Contribution: 80%).
10. **Olatunji-Akioye, A. O.,** Bolaji-Alabi, F. B., and Oni, Z. (2020) Thoracic Radiographic Anatomy as a Diagnostic Tool for Pneumonia in West African Dwarf Goats. Animal Research International Vol 17(1): 3536 – 3540. (Nigeria) (Contribution: 40%).

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Adenike O. Olatunji-Akioye

MY RESEARCH FOCUS

Radiology has two component parts; Diagnostic Imaging and Radiotherapy which is not in use in Veterinary clinical practice. Diagnostic Imaging can make a huge difference between life and death for a patient and competence and incompetence for a clinician. There is a paucity of base line imaging information in respect of indigenous domestic and wild animals and this forms the first part of my research focus. Some of the animals of interest, West African Dwarf goat, sheep, the Nigerian local dog varieties, rabbits and wild/endangered species native to Nigeria and West Africa like the West African Mud Turtle, the pangolin, the African Giant Rat, the Greater Cane Rat and very many species of snakes all lack baseline imaging data. The most commonly accessible imaging methods used in most Veterinary clinical care are radiography and ultrasonography and are the main imaging modalities I have been using to attempt to catalogue the radiographic anatomy of some of these animals. In addition, I have used computed tomography to provide information on some aspects for clinicians to improve diagnosis and treatment of some of these animals. Some of these contributions to the body of knowledge will serve as important information for researchers and clinicians to build upon for their work in the field of Imaging.

The other part of my area of interest is Gastroenterology and specifically how gastrointestinal emergencies affect fertility. The generation and up-regulation of free radicals and reactive oxygen species and bio-molecular substances and how these conditions affect subsequent fertility in these animals is the second part of my research focus. Surgical management of some gastrointestinal conditions can precipitate the production of these free radicals especially when inexperienced surgeons carry out these surgical operations and how to prevent or ameliorate the effects of these oxidative stress factors which tend to affect the recovery and subsequent breeding of some of these animals.

The manner in which imaging can be employed to diagnose these gastrointestinal conditions and improve fertility of domestic animals and pets will particularly be useful in animals hitherto uncommon as food animals. Their production and subsequent multiplication will aid in addressing deficits of animal protein consumption compared to the Recommended Daily Allowance by the World Health Organizations. These two seemingly divergent parts of my research focus dovetailed into a robust use of imaging in diagnosis, cataloguing and surgical treatment for teaching of the relevant skills in clinical years and attempting to stir up and maintain a keen interest in diagnostic work up of clinical cases and improved outcomes of surgical management for treatment of gastrointestinal conditions.

My future research efforts will be directed towards continuing cataloguing radiographic and ultrasonographic anatomy of domestic and wild/endangered species of indigenous animals and using more advanced imaging methods like computed tomography and magnetic resonance imaging and the development of locally made simulation aids for the teaching of surgical skills.

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Adenike O. Olatunji-Akioye Date