

Adamu Abdul Abubakar
Department of Veterinary Medicine
A'Sharqiya University, Oman

Phone: +96890717725

E-mail: adamu.abubakar@asu.edu.om,

Alternative email: babaji32002@gmail.com

ORCID id: <https://orcid.org/0000-0001-8643-4413>

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Linkedin ID: <https://www.linkedin.com/in/adamu-abdul-abubakar-043a7487/>

Web of Science Researcher ID: ABE-5663-2021

Scopus Author ID: 56651924500

PERSONAL DATA

Sex	Male
Date of Birth:	3 rd May, 1980
Place of Birth:	Bashar, Nigeria
Nationality:	Nigerian
Marital Status:	Married with 3 Children
Field of expertise:	Veterinary Surgery (Soft Tissue, Orthopaedics, Regenerative Medicine)
Language Spoken:	English

EDUCATIONAL QUALIFICATIONS WITH DATES

November 2016: Universiti Putra Malaysia
Doctor of Philosophy (PhD)

August 2012: Usmanu Danfodiyo University, Sokoto
Master of Veterinary Surgery (MVS)

July 2007: More Computers Training college, Gusau
Professional Diploma in Computer
Under the Authority of Q-link Heritage Systems Technologies Lagos

October 2006: Usmanu Danfodiyo University, Sokoto
Doctor of Veterinary Medicine (DVM)

August 2000: College of Art, Science and Remedial Studies, Keffi
Interim Joint Matriculation Board (IJMB) Certificate
From Ahmadu Bello University, Zaria

June 1998: Zang Secondary Commercial School, Bukuru
West African Senior School Certificate (WASSC)

WORK EXPERIENCE

February 2023 to date: Assistant Professor Veterinary Surgery

Department of Veterinary Medicine,

Collage of Applied Health Science

A'Sharqiya University, Oman

January 2022 to Feb 2023: Professor of Veterinary Surgery

Department of Veterinary Surgery and Radiology

Usmanu Danfodiyo University, Sokoto

November 2021 to November 2022: Senior Lecturer on Sabbatical, Department of Veterinary Surgery and Radiology

University of Ilorin

June 2021 to June 2022: Adjunct Senior Lecturer in Veterinary Surgery

Department of Veterinary Surgery

University of Abuja

January 2017 to 2022: Senior Lecturer in Veterinary Surgery

Department of Veterinary Surgery and Radiology

Usmanu Danfodiyo University, Sokoto

October 2013 to 2016: Lecturer I in Veterinary Surgery

Department of Veterinary Surgery and Radiology

Usmanu Danfodiyo University, Sokoto

October 2010 to 2013: Lecturer II in Veterinary Surgery

Department of Veterinary Surgery and Radiology

Usmanu Danfodiyo University, Sokoto

September 2008-October 2010: Assistant Lecturer in Veterinary Surgery

Department of Veterinary Medicine, Surgery and Theriogenology

Usmanu Danfodiyo University, Sokoto

October, 2007-September, 2008: National Youth Service Corps (NYSC)

Served as Veterinary Officer Ohafia Local Government Area, Abia State

TEACHING

UNDERGRADUATE TEACHING AT ASHARQIYAH UNIVERSITY

(2023 to date)

- | | |
|---|----------------|
| 1. VTMD 512 Veterinary Anesthesiology | 2 Credit Units |
| 2. VTMD 522 Veterinary Internal Medicine II | 3 Credit Units |
| 3. VTMD 411 Veterinary Internal Medicine I | 3 Credit Units |
| 4. VTMD 324 General Veterinary Medicine & Surgery | 3 Credit Units |
| 5. VTMD 423 Veterinary Diagnostic Imaging | 2 Credit Units |
| 6. VTMD 421: Avian Management | 2 Credit Units |
| 7. VTMD 334: Veterinary Toxicology | 2 Credit Units |

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| 8. VTMD 223: Animal Genetics and Breeding | 2 Credit Units |
| 9. VTMD 191: Veterinary Physiology Lab | 1 Credit Units |
| 10. VTMD 283 Animal Husbandry Theory & Lab | 3 Credit Unit |

**UNDERGRADUATE TEACHING AT USMANU DANFODIYO UNIVERSITY
(2008 to 2023)**

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| 11. VSG 4201: Principle of Surgery | 2 Credit Units |
| 12. VSG 5102: Veterinary Anaesthesiology | 2 Credit Units |
| 13. VSG 5203: Small Animal Soft Tissue Surgery | 2 Credit Units |
| 14. VSG5204: Large Animal Soft Tissue Surgery | 2 Credit Units |
| 15. VSG 6105: Diagnostic Imaging | 3 Credit Units |
| 16. VSG6106: Orthopedics and lameness | 2 Credit Units |

**POSTGRADUATE TEACHING AT USMANU DANFODIYO UNIVERSTY
(2017 to 2023)**

- | | |
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| 1. VSG 801: Veterinary Anaesthesiology | 2 Credit Units |
| 2. VSG 802: Surgical Instrumentation | 1 Credit Unit |
| 3. VSG 805: Theartre Design and Management | 1 Credit Unit |
| 4. VSG 807: Plastic and Reconstructive Surgery | 2 Credit Units |
| 5. VSG 808: Diagnostic Radiology | 3 Credit Units |
| 6. VSG 8011: Orthopaedic Surgery | 2 Credit Units |
| 7. VSG 8012: Clinical Gastroenterology | 2 Credit Units |
| 8. VSG 8014: Organ Transplantation | 2 Credit Units |
| 9. VSG 8015: Large Animal Soft Tissue Surgery | 2 Credit Units |
| 10. VSG 8016: Small Animal Soft Tissue Surgery | 2 Credit Units |
| 11. VSG 8017: Ophthalmic Surgery | 2 Credit Units |
| 12. VSG 818: Neurosurgery | 2 Credit Units |
| 13. VSG 819: Surgical Oncology | 2 Credit Units |
| 14. VMD 810: Diagnostic Radiology and Oncology | 3 Credit Units |

UNDERGRADUATE PROJECT STUDENT SUPERVISION

1. **David Gabriel** (Admission Number: 0721800037; Project Title: **Comparative Effects of Ketamine and Ketamine/Xylazine Epidural Analgesia in Nigerian Local Dogs**) (Completed)
2. **Rebecca Achokpe Andeshi** (Admission Number: 071800012; Project Title: **Comparative Evaluation of Mid-ventral and Flank Caprine Laparotomy Approaches**) (Completed)
3. **Bedi Ibrahim** (Admission Number: 1011800007; Project Title: **Histological Absorption Pattern of Mild Treated Chronic Catgut in Three Different Tissues of Rat**) (Completed)

4. **Abubakar Khadija Idris** (Admission Number: 1110803025; Project Title: **Evaluation of Rate and Duration of Absorption of Mildly Treated Chronic Catgut in Three Different Tissues of Rat**) (Completed)
5. **Folorunsho Ridwanat** (Admission Number: 1210803059; Project Title: **Induction of Benign Prostate Hyperplasia Model Using Estrogen Benzoate in Rabbit**) (Completed)
6. **Ahmad Mukaddas Muhammad** (Admission Number: 1310803128; Project Title: **Induction of Benign Prostate Hyperplasia Model Using Testosterone Propionate in Rabbit**) (Completed)
7. **Precious Nnamdi** (Admission Number: 1410803228; Project Title: **Comparative evaluation of Scrotal, Pre-Scrotal and Caudal abdominal Orchidectomy Techniques in Rabbits (*Oryctolagus cuniculus*)**) (Completed)

MASTER DISSERTATION SUPERVISION

1. **Alimi, Olawale Alimi** (Admission number: 17210821002; Research Title: **Evaluation of Caprine Cortical Bone Xenograft in Ulnar Critical Bone Defect Rabbit Model**) (Completed)
2. **Abdulkadir Salman Zubairu** (Admission number: 17210821001; Research Title: **Comparative Analgesic Effects of Lumbosacral Epidural Tramadol in Combination with Lignocaine, Tramadol Alone and Lignocaine Alone in Red Sokoto Goat Undergoing Laparotomy**) (Completed)
3. **Shamsudeen Shittu** (Admission number: 182110816002; Research Title: **Comparative Anti-nociceptive Evaluation of Lumbosacral Administration of Lidocaine, Xylazine or Detomidine Alone and their Combinations with Lidocaine in Sheep**) (Completed)
4. **Abdullahi Ibrahim** (Admission number: 20210802003; Research Title: **Osteoporotic Induced Fracture Managed with Calcites, Micro and Nano Sixe Aragonite Particles Derived from Cockle Shell on Wistar Rats**) (Completed)
5. **Abdulrahman Tukur Balarabe** (Admission number: 19210809001; Research Title: **Biocompatibility Assessment of Autoclaved Caprine Cortical Bone Xenograft in Ulna Critical Bone Defect Rabbit Model**) (Completed)

DOCTORAL THESIS SUPERVISION

1. **Atabo, Shaibu Mohammed** (Admission number: 17310802001; Research Title: **Comparative Developmental Studies of the Skull of Three Nigerian Breeds of Sheep (*Ovis Aries*)**) (Completed)
2. **Musa Kalim Adam** (Admission number 213108090001; Research Title: **Comparative Treatment of Demineralized, Decellularized and Deproteinized Carmel Cortical Bone Xenograft for management of Radial Critical Defect in Goat Model**) (Ongoing)

PUBLICATIONS

Thesis/Dissertation/Project

1. **PhD Thesis:** Role of Plasma Membrane Transporters (N⁺/H⁺ and HCO⁻³) in Mediating Mammalian Long Bone Growth and Fracture Healing.
2. **MVS Dissertation:** Comparative Evaluation of Ford-interlocking, Simple Interrupted and Subcuticular Suture Patterns in Closure of Skin Incision in Goats
3. **Undergraduate Project:** Prevalence of Clinical Mastitis and Common Udder Pathogen Associated with it Sheep.

Book/Book Chapter

1. **Abubakar, A. A.** (2008): **Practical Guide on Poultry Production in the Tropics**, Published by First Image Computers and Communications 415 Eni Njoko Road, Ehem Ohafia, Abia State. ISBN 9783857613.
2. Yakubu, A. S., Adeyanju, J. B. and **Abubakar, A. A.** (2021). **Suture Materials**. In: Principles of Veterinary Surgery: A Concise Text for Veterinary Students (J. B. Adeyanju and A. Z. Hassan edition). TETFund Sponsored and Published by TETFund. ISBN 978-978-59279-3-1.

Journal Articles

1. Yakubu, A. S., **Abubakar, A. A.**, Salihu, M. D., Jibril, A. and Isah, I. (2010): **Comparative Analysis of Chlohexidine Gluconate, Povidone Iodine and Choroxylenol as Scrubbing Solution**, *British Journal of Pharmacology and Toxicology* 1 (2): 93-95.
2. **Abubakar, A. A.**, Garba, S. Mshelia, P. C., Jibrin, M. S., Rambo, U. G., Yakubu, Y. and Yakubu, A. S. (2011): **Urine Burn Dermatitis in a Two Year-Old Sudanese Ewe**, *Nigerian Veterinary Journal* 32 (3): 238-240.
3. Pilau, N. N., **Abubakar, A. A.**, Adamu, U., Saidu, B. Okoli, C. E., Aka, L. O., and Adeyeye, A. A. (2011): **Management of Suppurative Mastitis in a Four-Year Old Red Sokoto Doe**, *Nigerian Veterinary Journal* 32 (3): 246-248.
4. **Abubakar, A. A.**, Jibril, A., Yakubu, A. S. and Baraya, Y. S. (2011): **Oral Choristoma in One and A Half Year-Old Ewe**, *Sokoto Journal of Veterinary Science* 9 (2): 28-30.
5. **Abubakar, A. A.**, Adeyanju, J. B., R. O. C. Kene, Sonfada, M. L., Yakubu, A. S., Adamu, U. and SHbi, S. M. (2012): **Evaluation of Three Suture Techniques Based on Surgical Wound Assessment in Caprine**. *Scientific Journal of Veterinary Advances* 1 (4): 1-4.
6. **Abubakar, A. A.**, Maye, J. A., Yakubu, A. S., Saidu, B. Adamu, U. and Sahabi, S. M. (2012): **Comparative Effect of Diclofenac Sodium and Dexamethasone on**

- Incisional Wound Healing in Dogs.** *Scientific Journal of Veterinary Advances* **1** (4): 94-100.
7. Saidu, B., Ja'afaru, A. I., Ibrahim, H. M., Nurudden, U. M., Mamman, O. M., **Abubakar, A. A.**, Pilau, N. N., Bello, A., Suleiman, N. and Garba, B. (2012): **Effect of Diurnal Variation and Ascorbic Acid Administration on Rectal Temperature, Pulse and Respiratory Rates in Sheep During wet Season in Sokoto.** *Scientific Journal of Veterinary Advances* **1** (4): 117-119.
 8. Bello, A., M. A., Umaru, Y. S. Baraya, Y. A. Adamu, M. Jibir, S. Garba, S. A., Hena, AA. Raji, B. Saidu, A. Mamuda, **A. A. Abubakar**, A. Umar, D. Musawa (2012): **Postmortem Procedure and Diagnostic avian Pathology.** *Scientific Journal of Zoology* **1**(3): 36-41.
 9. **Abubakar, A. A.**, Adeyanju, J. B., R. O. C. Kene, Sonfada, M. L., Yakubu, A. S., Adamu, U. (2012): **Comparison of Three Suture Techniques in Closure of Caprine Skin Incision: Cosmetic and Cost Consideration.** *Scientific Journal of Veterinary Advances* **1** (5): 127-131.
 10. Bello, A., M. L. Sonfada, A. A. Umar, A. I. Ja'afar, M. S.M. Abubakar, M. A., Umaru, A. Umar, A. A. Raji, Y. S. Baraya, **A. A. Abubakar**, A. Umar, D. Musawa (2012): **Schistosomus Reflexus in a Red Sokoto Doe.** *Scientific Journal of Zoology* **1**(4):79-81.
 11. Bello, A., M. A., Umaru, B. Saidu, S. Garba, M. Jibir, A. Mahmuda, S. A. Hena, A. A. Raji, Y. S. Baraya, **A. A. Abubakar**, (2012): **Camel Fetal Wastage in Sokoto.** *Scientific Journal of Animal Science* **1**(5):1-4.
 12. **Abubakar, A. A.**, Sahabi, S. M. and Yakubu, A.S. (2013): **Diagnosis and Surgical Management of Umbilical Hemangioma in a Lamb,** *Intas Polivet* **14** (1): 133-135.
 13. Umaru, A., A. M. Umaru, **A. A. Abubakar**, N. N. Pilau and A. A. Ebbo (2013): **Dystocia Due to Triplet Fetal Death in an Uda Ewe: Case Report.** *Scientific Journal of Veterinary Advances* **2** (1): 12-15.
 14. Ibrahim, H.M., B.M. Agaie, **A.A.Abubakar**, B. Saidu, A.I. Jafaru, S.A. Habibullah1, Y.S. Baraya and A.A.Raji (2013): **In vivo Anti Trypanosomal Efficacy of Fractions of Crude Methanolic Seed Extract of Adansonia Digitata in Albino Mice.** *IOSR Journal of Agriculture and Veterinary Science.* **3**(5):12-16.
 15. **Abubakar, A. A.**, Adamu, U., Yakubu, A. S., Busayo, E. I., Suleiman, N., Sa'idu, B., Yakubu, Y. and Bello, A. (2013): **Rectal Prolapse Associated with Constipation in a Curly Colt (Case Report).** *Nigerian Veterinary Journal* **34**(3): 859-862.
 16. Umaru, M. A., A. Bello, U. Adamu, D. Musa, **A.A. Abubakar**, A. Jibril, S. Buhari (2013): **Caesarean operation to relieve dystocia due to left lateral deviation of the neck of the foetus in a four year's old Sokoto Gudali heifer.** *Health Safety and Environment* **1**(2): 46-48.
 17. Lawrence O. Aka1, Mustapha O. Mamman, Peter I. Rekwot, Abdullahi Ahmed, Bashir Sa'idu, **Adamu A. Abubakar**, Fatai M. Lawal, Abdulahi I. Jafar, Umaru

- Adamu, Nicolas N. Pilau, Abdurahman H. Jubril, Abubakar M. Mayaki, Bashiru Garba and Aliu Malmuda (2013). Haematological Changes Associated with Surgical Castration in Red Sokoto Goats. *Journal of Veterinary and Applied Sciences* 3(1): 10 – 15.
18. **Abubakar, A. A.**, R. A. Andeshi, A. S. Yakubu, F. M. Lawal, and U. Adamu (2014): Comparative Evaluation of Midventral and Flank Laparotomy Approaches in Goat. *Hindawi Journal of Veterinary Medicine* (2014): 1-7.
 19. Mamman, M.O., L.O. Aka, A. Ahmed, B. Sa'idu, **A.A. Abubakar**, U. Adamu, H.M. Ibrahim, B. Garba and A.A. Raji (2014): Short Term Comparative Analysis of Serum Electrolytes and Performance Characteristics of Castrated and Intact Red Sokoto **Bucks**. *Tanzania Veterinary Journal* 29(1): 72-79.
 20. Ubedullah Kaka, Hui Cheng Chen, Yong Meng Goh, **Adamu Abdul Abubakar**, Sharida Fakurazi, and Mahdi Ebrahimi (2015): Validation of a Modified Algometer to Measure Mechanical Nociceptive Thresholds in Awake Dogs. *BioMed Research International* (2015): 1-8.
 21. **Abubakar, A.A.**, Adamu, U., Adeyanju, J.B., Kene, R.O.C., Sonfada, M.L., Yakubu, A.S., Sahabi, S.M., Umar, A.A., Ibrahim, H.M., Sa'idu, B. and Bello, A. (2015): Evaluation of Healing Intervals of Incisional Skin Wounds of Goats Closed with Three Suture Patterns. *Nigerian Veterinary Journal* 36 (1): 1107-1115.
 22. **Abubakar Adamu Abdul**, David Gabriel, Yakubu Abubakar Sadiq, Lawal Fatai Mobolaji and Mamman Mustapha Onoruoyiza (2015): Lumbosacral Epidural Analgesia with Ketamine Alone or in Combination with Xylazine in Dogs. *International Journal of Veterinary Science* 4(3): 111-117.
 23. Ubedullah Kaka, Bullo Saifullah, **Adamu Abdul Abubakar**, Yong Meng Goh, Sharida Fakurazi, Asmatullah Kaka, Atique Ahmed Behan, Mahdi Ebrahimi and Hui Cheng Chen (2016): Serum concentration of ketamine and antinociceptive effects of ketamine and ketamine-lidocaine infusions in conscious dogs. *BMC Veterinary Research* 12(198):1-10.
 24. **A. A. Abubakar**, M. M. Noordin, T. I. Azmi, U. Kaka, M. Y. Loqman (2016): The use of rats and mice as animal models in *ex vivo* bone growth and development studies. *Bone and Joint Research* 5:610-618.
 25. Ubedullah Kaka, Nor-Alimah Rahman, **Adamu Abdul Abubakar**, Yong Meng Goh, Sharida Fakurazi, Mohamed Ariff Omar and Hui Cheng Chen (2018): Pre-emptive multimodal analgesia with tramadol and ketamine–lidocaine infusion for suppression of central sensitization in a dog model of ovariohysterectomy. *Journal of Pain Research* 11:743-752.
 26. Ahmad, U.S., Buhari S., Shehu Z., **Abubakar A.A.**, Garba 1., Jibril A., Bello A. (2018): Fetal Mummification Secondary to Rumen Impaction in a three Year- Old Ouda-Yankasa Cross Ewe: A Case Study. *International Journal of Advances in Scientific Research and Engineering* 4(2): 7-10.

27. S.M. Ibrahima, O.H. Kareem, K.M. Saffanah, **A.A. Abubakar**, M.S. Khan, M.B.A. Rahman, M.M. Noordin, M.Y. Loqmana (2018): Histological and mechanical evaluation of antifreeze peptide (Afp1m) cryopreserved skin grafts post transplantation in a rat model. *Cryobiology* 82: 27–36.
28. Ali AK, **Abubakar AA**, Kaka U, Radzi Z, Khairuddin NH, Yusoff MSM, Loqman MY (2018:) Histological changes of immediate skin expansion of the distal limb of rats. *Veterinary World*, 11(12): 1706-1711.
29. S.K. Mahmood, Md. Z.A. Zakaria, I.S. Abdul Razak, L.M. Yusof, **A.A. Abubakar**, Z.K. Mahmood, M.Q. Bin Ab Latip. (2018): *In Vivo* evaluation of the novel nanocomposite porous 3D scaffold in a rabbit model: hematology and biochemistry analysis. *Iraqi Journal of Veterinary Sciences* 32(2):219-230.
30. Saffanah Khuder Mahmood, Intan Shameha Binti Abdul Razak, Sahar Mohammed Ibrahim, Loqman Mohamed Yusof, **Adamu Abdul Abubakar**, Zaid Khudhur Mahmood and Zuki Abu Bakar Zakaria (2018): *In Vivo* Evaluation of The Novel Nanocomposite Porous 3D Scaffold in a Rabbit Model. *Indian Journal of Science and Technology*, 11(19): 1-15.
31. Abdulla A. Albishtue, Nurhusien Yimer, Md Zuki A. Zakaria, Abd Wahid Haron, Abd Salam Babji, **Adamu A. Abubakar**, Bahaa H. Almhanawi (2019): Effects of EBN on embryo implantation, plasma concentrations of reproductive hormones, and uterine expressions of genes of PCNA, steroids, growth factors and their receptors in rats. *Theriogenology* 126: 310e-319.
32. **Abubakar AA**, Ibrahim S.M, Ali A.K, Handool, K.O, Khan, S.M, Noordin, M.M, Ibrahim T.A, Kaka, U. and Loqman MY. (2019). Postnatal ex vivo rat model for longitudinal bone growth investigations. *Animal Models and Experimental Medicine* 2(1):1–10.
33. Abdulla A. Albishtue, Nurhusien Yimer, Md. Zuki A. Zakaria, Abd Wahid Haron, Abd Salam Babji, **Adamu A. Abubakar**, Falah H. Baiee, Hazem Kareem Almhanna and Bahaa H. Almhanawi (2019). The role of edible bird's nest and mechanism of averting lead acetate toxicity effect on rat uterus. *Veterinary World*, 12(7): 1013-1021. doi: 10.14202/vetworld.2019.1013-1021.
34. Nura Abubakar, Hassan Abubakar Bodinga, Shehu Sidi, A. S. Yakubu and **A. A. Abubakar** (2019). Management of Scrotal Hernia in 6 and 9 Months Old Oudah Rams: A Case Report. *Asian Journal of Case Reports in Surgery* 2(3): 1-6.
35. Khan, M.S., Ibrahim, S.M., Abubakar, A.A. Rahman, M.B.A., Bakar, M.Z.A., Noordin, M.M., Loqman, Y.M. (2019): PRE-GRAFTING histological studies of skin grafts cryopreserved in α -helix antarctic yeast oriented anti-freeze peptide (Afp1m), *Cryobiology* 82: 27-36.
36. Bodinga, H. A., Abubakar, N., Sidi, S., Yakubu, A. S., Abubakar, A. A. (2019): Surgical Management of Type 1 Atresia Ani in Newborn Lam. *International Journal of Research and Scientific Innovation* 6 (9): 202-204.

37. Oviawe EI, Alamin AU, Balogun SO, **Abubakar AA** (2020). Wound Healing Effects of Quail (*Coturnix Coturnix Japonica*) Egg on Surgical Excisional Wound in Rabbits. *Journal of Veterinary and Animal Research* 3: (1): 1-4.
38. Yakubu, A. S., Muhammad, U. U., **Abubakar, A. A.**, Oviawe, E. I., Abubakar, N. and Bodinga, H. A. (2020). Evaluation of the closure of cystotomy using single versus double row inverting suture pattern with chromic catgut in Nigerian indigenous dogs. *Direct Research Journal of Veterinary Medicine and Animal Science* 5: 8-13.
39. Yakubu, A.S and **Abubakar, A.A.** (2020). Management of traumatic right lower canine tooth avulsion and mandibular fracture in a 6 year-old Nigerian indigenous bitch: A case report and literature review. *Scholarly Journal of Biological Science* 9(1): 1-7.
40. Yakubu AS, **AA Abubakar**, Al-mustapha A Ibrahim, AT Elsa, KI Onifade, ROC Kene and SA Saganuwan, 2020. Effects of propofol anaesthesia pre-medicated with xylazine on serum biochemical profiles and sleep pattern in red sokoto goats. *International Journal of Veterinary Sciences*, 9(2):234-238.
41. A. S. Yakubu¹, I. B. Usman, H. Kabir, **A. A. Abubakar**, A. Bello, E. I. Oviawe, N. Abubakar and H. A. Bodinga (2020). Effects of Lignocaine-Diazepam Combination in Lumbo-Sacral Epidural Anaesthetized Dogs Undergoing Caudectomy. *Journal of Advances in Biology & Biotechnology* 23(2): 11-18.
42. Abubakar Sadiq Yakubu, **Adamu Abdul Abubakar**, Olawale Alimi Alimi, Abdulfatai Aremu, Kabiru Hussaini, Abdullahi Teleh Elsa , Keneth Idowu Onifade⁶, Raphael OC Kene, John Bayo Adeyanju (2020). Propofol Anaesthesia in Pregnant Red Sokoto Goats: An Assessment of Cardiopulmonary and Haematological Parameters. *Haya Saudi Journal of Life Science*. 5(4): 46-52.
43. Yakubu, A. S., **Abubakar, A. A.**, Adamu, U., Kabir, I., Idris, B. I., Buhari, S., Oviawe, E. I., Bodinga, H. A. and Abubakar, N. (2020). Management of dystocia due to faulty fetal disposition complicated with vaginal prolapse in a 2-year-old Yankasa ewe. *Journal of Animal Science and Veterinary Medicine* 5(2): 56-61.
44. Yakubu AS, Ebenezer AO, Abdulkareem AA, Adedokun DA, **Abubakar AA**, Oviawe EI, Abubakar N, and Bodinga HA. (2020). Evaluation of lumbo-sacral epidural anaesthesia or analgesia with lidocaine-acepromazine combination in dogs undergoing cystotomy. *International Journal of Scientific Reports* 6(6):204-10.
45. S.M. Ibrahim, K.O. Handool, **A.A. Abubakar**, J. Abu, S.M. Yusof, M. Ibrahim, M.Y Loqman (2020). Histological evaluation of the possible role of Na⁺/ H⁺ antiporter and anion exchanger in endochondral ossification activities of secondary bone healing in rats. *Iraqi Journal of Veterinary Sciences*.
46. Ibrahim Hassan Maina, Keneth Idowu Onifade, Bashir Sa'idu, **Adamu Abdul Abubakar**, Sadiq Habibullah, Abdullahi Ishaq Ja'afar, Yahaya Abubakar Yabo and Abdurahman Jibreen Hassan (2020). Anti-Oxidant and Anti Tyrosinase

Effect of *Zizyphus spina-christi* Seed Extract. *Research Journal of Biological Sciences* 6(6): 15-21.

47. A. S. Yakubu, S. Ja'afar; F. Sulaiman; **A. A. Abubakar**; A. T. Elsa; R. O. C. Kene; K. I. Onifade; J. B. Adeyanju (2020). Hematological and Cardiopulmonary effects of Propofol Anesthesia in Red Sokoto Goat of Nigeria. *Animal Science Reporter (e-edition)*, 13(2): 16-26.
48. H. A. Bodinga¹, Abubakar Nura, Faruku Bande, **Adamu A. Abubakar**, Abubakar S. Yakubu, Buhari Salisu, Nafiu Abdullahi, Shaibu Mohammed Atabo (2020). Congenital malformations in ruminants and its surgical management: a retrospective study of Sokoto veterinary clinic, Nigeria. *International Journal of Scientific Reports* 6(7):248-252.
49. Olawale Alimi Alimi, **Adamu Abdul Abubakar**, Abubakar Sadiq Yakubu, Abdullahi Aliyu and Salman Zubairu Abulkadir (2020). Veterinary acutherapy in management of musculoskeletal disorders: An eye-opener to the developing countries' veterinarians. *Open Veterinary Journal* 10(3): 252-260.
50. Ibrahim Maina Hassn, Bashir Saidu, Ja'afaru Abdullahi Ishaq, Ashiru Dahiru, Abdulazeez, N., Yusuf, H. I., Fatima, J. S., Baraya, Y. S., Abubakar, A. A., & Abdullahi, A. M. (2020). Effects of Moringa oleifera Aqua Leaf Extract on Some Serum-biochemical Constituents on of Wister Rats. *American Journal of Life Sciences*, 8(5), 96-101.
51. Yakubu, A. S., Pilau, N. N., Abubakar, A. A., Mshelia, P. C., Bodinga, H. A., Abubakar, N., & Ahmad, U. S. (2020). Effects of Diazepam, Lidocaine and Their Combination on Clinical Parameters, Haematological Indices and Electrolytes Profile in the Red Sokoto Goat. *Nigerian Journal of Animal Science*, 22(1), 201-207.
52. **Abubakar Adamu Abdul**, Ahmed Khalaf Ali, Sahar Mohammad Ibrahim, Kareem Obayes Handool, Mohammad Shoaib Khan, Mustapha Mohamed Noordin, Tengku-Azmi Tengku Ibrahim, Ubedullah Kaka, Loqman Mohamad Yusof (2020). Generation of Open Metatarsal Fracture in Rats: A Model for Secondary Fracture Healing. *SciMedicine Journal* 2 (4): 197-211.
53. Shaibu Mohammed Atabo, Abubakar Abubakar Umar, Sani Abdullahi Shehu, **Adamu Abdul Abubakar** (2020). Comparative Ossification of the Skull in Three Nigerian Breeds of Sheep: An Alizarin Technique. *Exploratory Animal and Medical Research*, 10(2): 195-203.
54. Ibrahim Maina Hassan, Bashir Saidu, Ja'afaru Abdullahi Ishaq, Ashiru Dahiru, Nafisat Abdulazeez, Halima Ibrahim Yusuf, Ahmadu Abdulrahman Shekwaye, Muhammad Bashir Bello, **Adamu Abdul Abubakar**, Yushau Shuaibu Baraya (2020). Changes in Haematological Parameters Following Toxicity Study with 80% Methanol Extract of Moringa oleifera in Wistar Rats. *American Journal of Applied Chemistry*, 8(6): 143-151.

55. Ibrahim Maina Hassan, Bashir Saidu, Ja'afaru Abdullahi Ishaq, Ashiru Dahiru, Nafisat Abdulazeez, Halima Ibrahim Yusuf, Dahiru Hafiz Karofi, Nicholas Nathaniel Pilau, **Adamu Abdul Abubakar**, Bulama Ibrahim⁴ , Adama Musa Abdullah (2020). Effects of *Moringa oleifera* Biochemical Constituents on Kidney, Liver and Brain of Wister Rats. *Science Journal of Analytical Chemistry*, 8(4): 128-132.
56. Ibrahim Maina Hassan, Bashir Saidu, Ja'afaru Abdullahi Ishaq, Ashiru Dahiru, Nafisat Abdulazeez, Halima Ibrahim Yusuf, Aliyu Habeeb Tosin, Nicholas Nathaniel Pilau, **Adamu Abdul Abubakar** and Muhammad Bashir Bello (2021). Ameliorative Effect of *Moringa Oleifera* Biochemical Constituents on Blood Glucose Level of Streptozocin-Induced Diabetic Wistar Rats. *Advances in Biochemistry* 9(1): 6-10. doi: 10.11648/j.ab.20210901.12
57. Shaibu Mohammed Atabo, Abubakar Abubakar Umar, Sani Abdullahi Shehu, **Adamu Abdul Abubakar** (2021). Embryonic Development and Comparative Anatomy of the Mandible. *SciMedicine Journal* 3(1): 16-22.
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59. Olawale Alimi Alimi¹, **Adamu Abdul Abubakar**, Abubakar Sadiq Yakubu, Sani Abdullahi Shehu, Salman Zubairu Abdulkadir, Ekaete Ime Oviawe (2021). Hematological Changes after Caprine Demineralized Bone Matrix Implantation in Ulnar Critical Defect of Rabbit Model. *Revista Brasileira de Ortopedia* 56 (3): 275-409.
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62. Atabo, S. M., Umar, A. A., Shehu, S. A., & **Abubakar, A. A.** (2022). COMPARATIVE NEUROCRANIAL MORPHOLOGY OF NIGERIAN BREEDS OF SHEEP. *Archives of Veterinary Science*, 27(1): 149-165. DOI: <http://dx.doi.org/10.5380/avs.v1i1.80871>
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64. **Adamu Abdul Abubakar**, Ahmed Khalaf Ali, Sahar Mohammed Ibrahim, Kareem Obayes Handool, Mohammad Shuaib Khan, Noordin Mohamed

Mustapha, Tengku Azmi Tengku Ibrahim, Ubedullah Kaka and Loqman Mohamad Yusof (2022). Roles of Sodium Hydrogen Exchanger (NHE1) and Anion Exchanger (AE2) across Chondrocytes Plasma Membrane during Longitudinal Bone Growth. *Membranes* 12(7): 1-17. <https://doi.org/10.3390/membranes12070707>

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71. Saifur Rehman, Khadija Batool, Widya Paramita Lokapirnasari, Shakeeb Ullah, Muhammad Shuaib Khan, Adamu Abdul Abubakar, Ali Zaman, Muhammad Kamal Shah, Muhammad Inamullah Malik, Andreas Berny Yulianto & Muhsin Jamal (2024): The evolution of H5N1 influenza viruses in Indonesia to mammalian hosts: a review of molecular markers, *World's Poultry Science Journal*, 79 (4): 1-23. DOI: 10.1080/00439339.2023.2294268
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75. Salisu, A. U., Abubakar, A. A., Salisu, B., Salisu, A. M., Sadiq, Y. A., & Charles, P. M. (2024). Haemato-biochemical Response to Kirschner Pin and Improved Chrome Vanadium Long Screw Used for the Stabilization of Femoral Fracture in Goats. *Journal of Applied Veterinary Sciences*, 9(2), 79-86. <https://dx.doi.org/10.21608/ja vs.2024.262263.1307>
76. Shamsudeen, S., Idris, S. B., Abubakar, A. A., & Abubakar, M. M. (2024). Potentiating the Epidural Analgesic Effect of Lidocaine in Uda Sheep with Xylazine and Medetomidine. *Journal of Applied Veterinary Sciences*, 9(2), 125-133. I: <https://dx.doi.org/10.21608/javs.2024.275091.1323>
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79. Aslam, A., Naz, R., Ullah, S., Abubakar, A. A., Khan, M. S., Javaria, S., Saifur R., Atabo S. M., Muhammad I. M. & Saeed, A. (2024). DETECTION OF VARIOUS CHEMICALS IN LOCALLY AVAILABLE OPEN MILK SAMPLES IN DEAR ISMAIL KHAN, PAKISTAN. *Health Sciences Journal*, 2(2), 63-67.
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CONFERENCE PAPERS

1. **Abubakar, A. A., Daneji, A. I., Titus, J. J. and Gulumbe, M. L. (2009): Awareness of Clinical Mastitis and Common Udder Pathogens Associated with it in Sheep and Goats in and Around Sokoto, Proceeding of 34th Annual Conference of**

Nigerian Society for Animal Production, Held at Faculty of Agriculture Town Campus (Annex) University of Uyo, Uyo, Akwa Ibom State, Nigeria March 15th – 18th 2009.

2. Sai'du, B., Faleke, O. O., Lawal, M. D., Magaji, A. A., Ja'afar, A. I., Suleiman, N., Maina, I. H., **Abubakar, A. A.**, Bello, A., and Aliyu, M. (2009): **Prevalence of Hydatid Cyst in Slaughtered Camels at Sokoto Metropolitan Abattoir**, *Proceeding of 34th Annual Conference of Nigerian Society for Animal Production, Held at Faculty of Agriculture Town Campus (Annex) University of Uyo, Uyo, Akwa Ibom State, Nigeria March 15th – 18th 2009.*
3. Mshelia, P. C., Rambo, U. G., Garba, S., **Abubakar, A. A.** and Jibrin, M. S. (2010): **Subcutaneous Abscess on the Ventral Aspect of the Neck in A 4-Year Old Frisian-Sokoto Gudali Cross Bull**, *47th Book of Proceeding of Nigerian Veterinary Medical Association*. P 33-34.
4. Garba, S., Yakubu, A. S., **Abubakar, A. A.**, Mshelia, P. C., Jibrin, M. S. and Yakubu, Y. (2010): **Management of Dystocia in A 4 Year Old Queen**, *47th Book of Proceeding of Nigerian Veterinary Medical Association*. P 5-6.
5. Pilau, N. N., Yakubu, A. S., **Abubakar, A. A.**, Mamman, M. O. And Okoli, C. E. (2013): **Congenital Umbilical Hernia in One Month Old Sokoto Gudali Calf**, *38th Proceeding of Nigerian Society for Animal Production (NSAP), Rivers State University of Science and Technology, Port Harcourt*. 545-548
6. Saidu, B., **Abubakar, A. A.**, Ibrahim, H. M., Garba, B., Jibril, A., Yakubu, A. S., Lawal, M. D., Adamu, U. and Mamuda, A. (2013): **Fulminating Gangrenous Mastitis in a Year and Half Old Balami Ewe: Case Report**, *38th Proceeding of Nigerian Society for Animal Production (NSAP), Rivers State University of Science and Technology, Port Harcourt*. 558-560.
7. Adamu, U., **Abubakar, A. A.**, Pilau, N. N., Bello, A., Sa'idu, B. and Mahmuda, A. (2013): **Dystocia Due to Feto-maternal Disproportion in One and Half year old Gudali Friesian Cross Cow**, *38th Proceeding of Nigerian Society for Animal Production (NSAP), Rivers State University of Science and Technology, Port Harcourt*. 561-563.
8. Ubedullah Kaka, **Adamu Abdul Abubakar**, Chen Hui Cheng, Goh Yong Meng, and Sharida Fakurazi (2014): Evaluation of A Modified Algometer for Objective Measurement of Pain Thresholds in Dogs. Poster Presentation, at The Asian Federation of Laboratory Animal Science Association Congress 2014, 11-12 November 2014. Royale Chulan Hotel, Kuala Lumpur, Malaysia.
9. PC Mshelia, AA Adeyeye, **AA Abubakar**, HD Denthe, JB Adeyanju, ROC Kene, EO Oko and S Garba (2014): Management of transverse, mid shaft tibiotarsal

fracture in a 1 year-old pea hen. *Poster presentation at the 51st annual congress of the Nigerian Veterinary Medical Association, KADA 2014.*

10. Ahmad US, **Abubakar AA**, Zaid Shehu, David AA. (2018): Surgical Management of Long Standing Paraphimosis in a Six-Month Old Red Sokoto Buck. 55th Nigerian Veterinary Medical Association Annual Congress 22-27 October, 2018. Held at Usmanu Danfodiyo University, Sokoto, Sokoto State, Nigeria.
11. **Adamu Abdul Abubakar**, Muhammad Shuaib Khan, Noordin Mohamed Mustapha, Tengku Azmi Tengku Ibrahim and Loqman Mohamad Yusof (2015): Longitudinal Tibial Growth Patterns of Rats *Ex-Vivo*: Gross And Histologic Features. Sixth Pan Commonwealth Veterinary Congress (PCVC) and 27th Veterinary Association of Malaysia (VAM) 23-27 March, 2015. Held at Royale Chulan Hotel, Kuala Lumpur, Malaysia.
12. Muhammad Shoaib Khan, **Adamu Abdul Abubakar**, Mohd Basyaruddin Abdul Rahman, Mohd Zuki Abu Bakar, Noordin Mohammed Mustapha and Loqman Mohammad Yusof (2015): Histological Assesment of Low Temperature Epidermal Tissue Damage in Skin Graft Cryopreserved with Antarctic Yeast Isolated Antifreeze Peptides. Sixth Pan Commonwealth Veterinary Congress (PCVC) and 27th Veterinary Association of Malaysia (VAM) 23-27 March, 2015. Held at Royale Chulan Hotel, Kuala Lumpur, Malaysia.
13. Atabo, S. M., Umar, A. A., Shehu, S. A., **Abubakar, A. A.** Jaji, A. Z. and Hassan U. L. (2021). Morphological divergence of the fetal skull in Uda and Yankasa breeds of Sheep. Faculty of Veterinary Medicine, University of Nigeria Nsukka, Maiden International Conference on Veterinary and Biomedical and Biomedical Sciences. Theme: Exploring Innovations in Agro-Veterinary and Biomedical Research for Sustainable Development. 10-12 March 2021. Prince Alexandria Auditorium, University of Nigeria Nsukka.

Seminar Paper Presentation

1. **Abubakar Adamu Abdul** (2018): Plasma Membrane Transporters in Longitudinal Bone Growth and Fracture Healing. Faculty Seminar Series, presented at the Veterinary Lecture Hall I, City Campus Held on 16th February 2018.
2. **Abubakar Adamu Abdul (2023)**: Student Feedback Policy: AC0021, Presented at CAHS 207. Collage of Applied Health Science Seminar, A'Sharqiyah University, Oman. April, 2023.

CONFERENCES AND WORKSHOPS ATTENDED

Local Conferences/Workshops

1. Induction Programme Organized by Usmanu Danfodiyo University for its Newly Recruited Members of Staff from 17th-21st November, 2008 at the main campus Usmanu Danfodiyo University, Sokoto.
2. Nigerian Veterinary Medical Association (NVMA) Conference: Held on 21st to 24th October, 2008 at Owerri, Imo State
3. Nigerian Society for Animal Production (NSAP), Held on 15th to 18th March, 2009, at Faculty of Agriculture Town Campus (Annex) University of Uyo, Uyo, Akwa Ibom State on
4. Nigerian Society for Animal Production (NSAP), Held on 17th to 20th March, 2013, at Rivers State University of Science and Technology, Port Harcourt
5. Veterinary Council of Nigeria Continue Education Seminar, Held on 17th June, 2010, at Mina, Niger State
6. Veterinary Council of Nigeria Continue Education Seminar, Held on 11th October, 2012, at Merit house maitama, Abuja
7. Nigerian Veterinary Medical Association (NVMA) Conference: Held on 22-27 October, 2018 at Usmanu Danfodiyo University, Sokoto
8. Resource person: Basis laparoscopic surgery, organized by TETFund centre of Excellence, Institute of Urology and Nephrology, Usmanu Danfodiyo University, Sokoto. Held on 28th to 30th November, 2022.
9. Training Course for meX+100 (VET Version) & meX+Image Acquisition Software at A'Sharqiyah University, **25 October, 2023**. Training was conducted by Leader Healthcare.
10. Veterinary Council of Nigeria, Continuous Education Seminar 2023 (Virtual). Topic: National Prosperity; The Veterinarian at the Heart of Livestock Production and Food Security in Nigeria. **Held on 19th October, 2023**.
11. Continuing Education and Professional Development (CEPD) Webinar (2024): Common Fish Protozoan Parasite Diagnosis & Treatment. Held on **May 3, 2024**.

International Conferences/Workshops

1. Orthopaedic Surgery and Small Animal Cardiovascular Diseases Workshop, Held on 21st November, 2013, at Faculty of Veterinary Medicine, Universiti Putra Malaysia (UPM)
2. Current Practice in Ruminant and Equine Theriogenology, Held on 8th-9th January, 2014 at Faculty of Veterinary Medicine, Universiti Putra Malaysia (UPM)

3. Equine Lameness and Diagnostic Imaging: Investigation and Interpretation, Held on 8th-9th February, 2014 at Faculty of Veterinary Medicine, Universiti Putra Malaysia (UPM)
4. Veterinary Association of Malaysia (VAM) Congress, Held on 20th -22nd June, 2014 at Palm Garden Hotel, IOI resort, Putrajaya, Malaysia
5. The Asian Federation of Laboratory Animal Science Association Congress (AFLAS 2014) 11-12 November 2014, Held at Royale Chulan Hotel, Kuala Lumpur, Malaysia.
6. Sixth Pan Commonwealth Veterinary Congress (PCVC) and 27th Veterinary Association of Malaysia (VAM) 23-27 March, 2015. Held at Royale Chulan Hotel, Kuala Lumpur, Malaysia.
7. Seminar on Management of Seizure in Dogs and Cats, Held on 10th June 2015 at Faculty of Veterinary Medicine, Universiti Putra Malaysia.
8. International Conference on Drug Discovery and Translational Medicine 2018 (ICDDTM '18) on 4th & 5th December 2018 at the Everly Putrajaya, Malaysia.

SCHOLARSHIP/FELLOWSHIP AWARDS

1. Usmanu Danfodiyo University staff training and development fellowships for MSc (2009-2012), Ref.: UDUS/R/STDO/SP:3834
2. Usmanu Danfodiyo University staff training and development fellowships for PhD (2013-2016), Ref.: UDUS/R/STDO/SP:3834
3. Special Graduate Research Assistance (SGRA), Universiti Putra Malaysia from 2014-2015, Ref.: UPM/SPS/GS37671
4. Secure TETFUND research grant as a co-investigator (2021): The use aragonite nanoparticle for management of post-menopausal osteoporosis in ovarioectomized rat model. TETFUND sponsored
5. Secure TRC block funding grant as co-investigator (2023): Embryo sex determination for optimal management and pregnancy evaluation in camel.
6. Submitted a TRC block funding grant as a Principal Investigator (2024): Biocompatibility Assessment of Demineralized Camel Cortical Bone Matrix Xenograft in Critical Bone Defect Rabbit Model. **Under review**

MEMBERSHIP OF PROFESSIONAL BODIES

1. Member Nigerian Veterinary Medical Association (NVMA)
2. Member Science Association of Nigeria (SAN)
3. Member International Society for Tissue Engineering and Regenerative Medicine (TERMIS)

Editorial Reviewer to:

1. Sokoto Journal of Veterinary Sciences
2. Nigerian Veterinary Journal
3. Journal of Veterinary Medical Science
4. BioMed Research International
5. Pakistan Journal of Scientific and Industrial Research
6. Advances in Animal and Veterinary Sciences
7. Journal of Animal Sciences and Veterinary Medicine
8. Nigerian Journal of Biotechnology
9. Pure and Applied Biology
10. Pakistan Journal of Zoology
11. Asian Journal of Research in Animal and Veterinary Sciences
12. Journal of Experimental Orthopedics
13. Journal of Orthopaedic Translation
14. Plos One
15. The Scientific World Journal

ADMINISTRATIVE RESPONSIBILITIES

1. Examination Officer Department of Veterinary Surgery and Radiology from 2017 to 2021
2. Assistant Editor Sokoto Journal of Veterinary Sciences from 2018 to date
3. Faculty of Veterinary Medicine Seminar Coordinator from May 2019 to 2021
4. Secretary Departmental DTLC Committee from December 2019 to 2021
5. Departmental Postgraduate Coordinator from December 2019 to 2021
6. Course coordinator VSG 5203, Small Animal Soft Tissue Surgery, 2018/2019 Academic Session
7. Course coordinator VSG 5102, Veterinary Anaesthesiology, 2018/2019 Academic Session
8. Course coordinator VSG 6105, Diagnostic Imaging, 2019/2020 Academic Session.
9. Member collage of applied health science committee on: Collage Research and Enterprise Committee (CREC), from 2023 to date.
10. Member collage of applied health science committee on: Teaching and Learning Committee (TLC), from 2023 to date.

ACTIVITIES AND INTEREST

1. **Athletics:** Active in Swimming and Cycling
2. **Others:** Reading, Listening to Radio and Watching Television

REFEREES

1. Prof. Aminu Ibrahim Daneji (Undergraduate Supervisor)
Department of Veterinary Medicine
Usmanu Danfodiyo University, Sokoto
+234 8035073560, email: daneji.aminu@udusok.edu.ng
2. Prof. Loqman Mohamad Yosuf (PhD Supervisor)
Department of Companion Animal Medicine and Surgery,
Universiti Putra Malaysia,
+60192590571, email: myloqman@gmail.com
3. Prof. Abubakar Sadiq Yakubu,
Department of Veterinary Surgery and Radiology
Usmanu Danfodiyo University, Sokoto
+234 7038417775,
Email: yakubu.abubakar@udusok.edu.ng

25/06/2024

