

## PUBLICATIONS

- (a) **Books:** Eya Ara Fun Alakobere  
Anatomy for Beginners (Human and Veterinary). First Edition.  
College of Medicine, University of Ibadan. Authored By –  
Oluwabunmi Olaopa, Olusoga Akute, Duro Adeleke, Joseph  
Fadeyemi Akinrinmade and Mathew Temitayo Shokunbi (2019)
- (b) **Chapters in Books:** Nil
- (1). **Akinrinmade J.F. (2012):** Antimicrobials in surgery. Essential Veterinary  
Surgery, First  
Edition. Ibadan University Press, ISBN 798-798-8456-74-2. Pages 301 –  
307 (Nigeria)  
PC = 100%
- (c) **Articles in Refereed Conference Proceedings**
- (2). **Akinrinmade, J.F.,** Abiola O.B and Taiwo, V.O. (2001): Evaluation of  
pancreatic function and parenchymal integrity following ligation of blood  
vessels in dogs. Proceeding of the 38<sup>th</sup> Annual Congress of the Nigerian  
Veterinary Medical Association 64-68 (Nigeria) Percentage Contribution (PC)  
= 65%
- (3). **Akinrinmade, J.F.,** Nasir, O. and Oni, S.O. (2001): Acute influence of  
selected intravenous fluids on serum electrolytes, proteins and enzymes in  
anaesthetized healthy dogs. Proceedings of the 38<sup>th</sup> Annual Congress of the  
Nigerian Veterinary Medical Association 61-63 (Nigeria).PC =65%

(4). **Akinrinmade, J.F.**, Ajala, O.O. and Awoseyi, O.O. (2002): Diagnosis and surgical management of steroid-include pyometra in dogs. Proceedings of the 39<sup>th</sup> Annual Congress of the Nigerian Veterinary Medical Association 199-201. (Nigeria) PC=60%.

(d) **Patent:** Nil

**(e) Articles in Learned Journals**

(5). Akinboade, O.A., **Akinrinmade, J.F** and Amoo, A.J (1985): Investigations on the biochemical and physiological components of cattle ticks: *Hyalomma* and *Boophilus*. Animal Technology Vol 36, 77-81(United Kingdom) PC = 35%.

(6). Idowu, A.L. and **Akinrinmade, J.F.** (1986): Xylazine and Ketamine anaesthesia in captive Nile crocodile (*Crocodylus niloticus*). Tropical Veterinarian Vol.4,139-142 (Nigeria) PC = 50%.

(7). Akinboade, O.A., **Akinrinmade, J.F.**, Idowu, A.L and Dipeolu, O.O. (1986): The pathogenecity and haematological studies of *Babesia canis* (Local and Mexican Strains) in experimentally infected splenectomised dogs. Animal Technology Vol 37(2) 125-130 (United Kingdom) PC = 40%.

(8). Akinboade, O.A., Uduebo, O.N. and **Akinrinmade, J.F** (1986): Human amoebiasis- cultivation and experimental transmission in animals. International Journal of Zoonosis Vol 13 206-209 (Kenya) PC = 30%.

(9). Akinboade, O.A., Adeniran, A.P., **Akinrinmade, J.F** and Olaleye, O.D (1986) Experimental transmission of *Trichomonas vaginalis* in laboratory animals and the chemistry of vaginal exudates. International Journal of Zoonosis Vol 13 106-110 (Kenya) PC = 30%.

- (10). Akinboade, O.A., Sadiq, N.A., **Akinrinmade, J.F.**, Dipeolu, O.O. and Nwufor, K.J (1986); Anaplasmosis in small ruminants in Nigeria: Incidence and parasite identification through blood smear and latex agglutination test. International Journal of Zoonosis Vol 13, 210-214 (Kenya) PC = 25%.
- (11). Adeyefa, C.A.O, **Akinrinmade, J.F.** and Fajimi, J.L (1987): Haematological and serum biochemical changes in polo horses in Ibadan, Nigeria. Bull Anim Hlth Prod Africa Vol. 35, 350-355 (Kenya) PC = 45%.
- (12). **Akinrinmade, J.F.**, Akusu, M.O. and Oni, S.O (1988): Gastro-intestinal foreign body syndrome in sheep. A case report. Nigerian Journal of Animal production Vol 15 145- 148 (Nigeria) PC = 70%.
- (13). Christopher, A.O. Adeyefa, **Joseph F, Akinrinmade** and Joseph.L, Fajimi (1988): Observations in Serum Biochemical Changes After Exercise in Polo Horses in Ibadan. Zariya Veterinarian vo13, No, 2, 54 – 57 (Nigeria). PC = 45%.
- (14). **Akinrinmade, J.F.**, Oni, S.O. and Antia, R.E (1992): Cryosurgery of squamous cell carcinoma of the eyelid in a Horse. Tropical Veterinarian Vol. 10 No.2,343- 45 (Nigeria) PC = 65%.
- (15). **Akinrinmade, J.F** and Agbo, E.C (1992): A 3-year surgery of caesarean operation in sheep and goats in southwest Nigeria. Tropical Veterinarian. Vol. 10 (2) 37-42. (Nigeria) PC =80%.
- (16). **Akinrinmade, J.F.**, Oni, S.O. and Idowu, A.L (2001): Secondary nutritional osteopenia in dogs. African Journal of Biomedical Research Vol. 4, 79-81. (Nigeria) PC =70%

- (17). Eyarefe, O., Oni, S.O and **Akinrinmade, J.F** (2001): Clinicopathological features of massive small intestinal resection in Nigeria's local breeds of cats. African Journal of Biomedical Research Vol 23(1) 64-69 (Nigeria) PC = 35%.
- (18). Oni, S.O., **Akinrinmade, J.F.**, Ajadi, R.A, Eyarefe, O. and Olaifa, A.K (2002): Splenic lymphoma in an adult local bitch. Nigerian Veterinary Journal. Vol. 23(1) 64-69 (Nigeria) PC = 30%
- (19). Ajadi, R.A, Oloko, T.O, Oni, S.O and **Akinrinmade, J.F** (2006): A comparison of two suture materials in the closure of a pyloric incision in dogs. Folia Veterinarian Vol 51(1) 154-156 (Slovakia) PC = 30%.
- (20). Olatunji-Akioye A, and **Akinrinmade, J.F** (2006): Effect of ischemia-reperfusion injury on healing of intestinal anastomosis. Tropical Veterinarian Vol 22(3) 37-45.  
  
(Nigeria) PC = 40%.
- (21). **Akinrinmade, J.F** and Olatunji-Akioye, A.O. (2007): Histopathologic effect of ischemia-reperfusion injury on intestinal anastomotic wound healing in Dogs. International Journal of Morphology Vol 25(4) 805-810 (Chile) PC = 60%.
- (22). Ajadi, R.A., Agbesinu, A.J., Adetunji, A and **Akinrinmade, J.F** (2007): A trial of propofol and ketamine combination in a domestic cat. Folia Veterinarian Vol 51 (1) 30-33 (Slovak) PC = 30%.
- (23). Olusa, T.A and **Akinrinmade, J.F** (2009): Survey of Dental Abnormalities in Polo Horses in Nigeria Tropical Veterinarian Vol 27(3) 1-7 (Nigeria) PC = 40%.

- (24). **Akinrinmade, J.F** and Olusa, T.A (2009): Incidence, Diagnosis and Management of Colic in Polo Horses in Nigeria. Tropical Veterinarian Vol 27(4) 57-63. (Nigeria) PC = 60%.
- (25). **Akinrinmade, J.F.** and Oyeleye, O.A (2010). Antimicrobial Efficacy and Tissue Reaction of *Euphorbia hirta* extract on Canine Wounds. African Journal of Biotechnology Vol 9(29) 4803-4706. (Kenya) PC = 80%.
- (26). **Akinrinmade, J.F** and Idowu, A.L. (2010): Failure of experimental acute intragastric gas and fluid accumulation to produce gastric dilatation volvulus in anaesthetized dogs. African Journal of Biotechnology Vol 9(30) 4818-4821(Kenya) PC = 80%.
- (27). **Akinrinmade, J.F** and Lawal, A.O. (2010): Gross and histological evaluation of abdominal adhesions associates with chromic catgut and polypropylene sutured enteropexies in Dog. International Journal of Morphology Vol 28(4) 1221-1251(Chile) PC = 80%.
- (28). **Akinrinmade, J.F** and Kisani, I.A (2010): The effects of ascorbic acid pretreatment on renal function in dogs with ischemia-reperfusion injury. Tropical Veterinarian Vol 28(2) 37-42 (Nigeria) PC = 80%.
- (29). **Akinrinmade, J.F.** and Eyarefe, O.D. (2011): Complete rectal prolapse in an Emu (1) romaius novaehollandiae). A case report. Nigerian Veterinary Journal Vol 32(2) 249-251. (Nigeria) PC = 60%.
- (30). **Akinrinmade, J.F.** and Akinrinde, A.S (2011): Nutritional Composition and Label evaluation of some commercial dry dog foods in Ibadan, Nigeria. African Journal of Biomedical Research Vol 14 157-160 (Nigeria) PC = 60%.

- (31). Eyarefe, O.D., **Akinrinmade, J.F** and Wujola, O.A (2011): Morbidity in the Nigerian Local cats after ileocolic valve and ileal resection. Tropical Veterinarian Vol 29(2) 1-11. (Nigeria) PC = 35%.
- (32). **Akinrinmade, J.F** and Akinrinde, A.S (2012): Aflatoxin status of some commercial dry dog foods in Ibadan, Nigeria African Journal of Biotechnology Vol 11(52) 11463-11467 (Kenya) PC = 60%.
- (33). **Akinrinmade, J.F.** and Eyarefe, O.D (2012): Enterological and gynaecological complications of ovariohysterectomy in dogs. Nigerian Veterinary Journal Vol 33 (3) 427-439. (Nigeria) PC =60%.
- (34). **Akinrinmade, J.F** and Oke, B.O (2012): Antibiotic prophylaxis in gastrointestinal surgery: An evaluation of current veterinary practices in Southwest Nigeria. International Journal of Animal and Veterinary Advances Vol 12(4) 256-262 (Pakistan) PC = 80%.
- (35). **Akinrinmade, J.F** and Adekunle, A.O (2012): Audit of surgical antibiotic prophylaxis at the Veterinary Teaching Hospital, University of Ibadan, Nigeria. Nigerian Veterinary Journal Vol 33(4) 609-616 (Nigeria) PC = 80%.
- (36). **Akinrinmade, J.F** and Akinrinde, A.S (2012): Prevalence of foreign body rumen impaction in cattle in Southwest Nigeria. Nigerian Journal of Animal production Vol 39. 211-217 (Nigeria) PC = 70%.
- (37). **Akinrinmade, J.F** and Akinrinde A.S (2012): Prevalence of foreign body rumen impaction in goats in Ibadan, Southwest Nigeria. Sahel Journal of Veterinary Science Vol 11(1) 39-42 (Nigeria) PC = 60%.

- (38). **Akinrinmade, J.F** and Akinrinde, A.S (2012): Hematologic and serum biochemical profile of WAD goats with foreign body rumen impaction. Nigeria Journal of Physiological Science Vol 27 83-87 (Nigeria) PC = 60%.
- (39). **Akinrinmade, J.F** and Akinrinde, A.S (2012): Hematological biochemical and trace element profile of cattle with foreign body rumen impaction. International Journal of Animal and Veterinary Advances Vol 4(6) 344-350.(Pakistan) PC = 60%.
- (40). **Akinrinmade, J.F** and Akinrinde, A.S (2012): Rumen Impaction with foreign indigestible materials in Nigeria: A review Tropical Veterinarian Vol 30(3) 91-106.(Nigeria) PC = 60%.
- (41). **Akinrinmade, J.F.** and Akinrinde, A.S (2013): Early bite wounds in Dogs In Ibadan, Southwest Nigeria Journal of Veterinary Medicine and Animal Health Vol 5(6) 159-163.(Kenya) PC = 70%.
- (42). **Akinrinmade, J.F** and Akinrinde, A.S (2013): Effect of oral administration of methalonic extract of *Ocimum grattisimum* on intestinal ischemia-reperfusion injury in rats. European Journal of Medicinal Plants Vol 13(4) 591-602 (India) PC = 60%.
- (43). **Akinrinmade, J.F,** Melekwe, G and Ogunshe, A.O (2013): Antibiotic susceptibility and resistance profile of gram-positive bacterial flora of healthy experimental dogs undergoing gastrectomy. Online Journal of Veterinary Research Vol 17(1) 13-27. (Australia) PC = 60%.

- (44). **Akinrinmade, J.F.** (2013): Tail Docking in dogs: Evaluation of current practices and ethical aspects in south west Nigeria. *Journal of Veterinary Medicine and Animal Health* Vol 6(1) pp 18-24 (Kenya) PC = 100%.
- (45). **Akinrinmade, J.F** and Akinrinde, A.S (2013): Clinical Biochemistry as a Prognostic Tool in the Management of the Critically-ill Patient. *Nigerian Veterinary Journal* Vol 34(4) pp 870-876 (Nigeria) PC = 60%.
- (46) **Akinrinmade J.F** and Akinrinde A.S (2013): Foreign Body Rumen Impaction with Indigestible materials in Ruminants in Nigeria: A Review. *Bull. Anim. H/th. Prod.* Afr. 61, 629-642
- (47). Olusa, Timothy Akinbowale and **Akinrinmade, Joseph Fadeyemi** (2014): Do dental abnormalities predispose horses to colic? *Journal of Veterinary Medicine and Animal Health* Vol 6 (7) pp 192-197 (Kenya) PC = 45%.
- (48). **Akinrinmade, Joseph Fadeyemi (2014)**: Evaluation of Pattern of Pet Animal Trauma at a Nigerian Veterinary Teaching Hospital. *Nigerian Veterinary Journal* Vol 35 (3) 1007-1014 (Nigeria) PC = 100%.
- (49). **Akinrinmade, Joseph Fadeyemi (2014)**: Evaluation of safety and quality of surgical care at a veterinary teaching hospital. *Journal of Veterinary Medicine and Animal Health* Vol 6(10) pp 263-267 (Kenya) PC = 100%.
- (50). **J.F Akinrinmade**, Adenike A.O Ogunse and Gladys .O Melekwe (2014). Evaluation of Post-operative Antibiotic Administration on Phenotypic Antibiotic Susceptibility and Resistance Profile of Gram – negative Bacterial Floral of Healthy Local Experimental Dogs undergoing Partial Gastrectomy. *Ethiop. Vet. J.* Vol 18, No. 2, 15 – 33. (Ethiopia) PC = 60%.



- (51). **Akinrinmade, J.F**, Melekwe, G.O and Ogunshe, A.O (2015): Effects of prolonged empirical antibiotic administration on post-surgical intestinal bacterial flora of Local Dogs undergoing non-laparoscopic gastrectomy. International Journal of Animal and Veterinary Advances Vol 7 No.3, 40 - 48(Pakistan) PC = 60%.
- (52). **Joseph Fadeyemi Akinrinmade**, Stephen Akinleye Akinrinde, Atinuke Odejobi and Adetokunbo Ademola Oyagbemi (2015): Evidence of attenuation of intestinal ischemia-reperfusion injury following pre-treatment with methanolic extracts from *chromolena odorata* in rats. *J. Complement Integr. Med.* Vol 12 No. 1, 23 - 32 (West Germany) PC = 40%.
- (53). O.O Ajala, O.S Ajani, O.O Leigh, C.E Obudu, **J.F Akinrinmade**, M.J Oluwasoji and O.A Ekanade (2015): Prolonged whelping in Bitches. *Sokoto Journal of Veterinary Sciences* Vol 13 No.1, 53 – 56 (Nigeria) PC = 15%.
- (54). **J.F Akinrinmade** and O.A Ogungbenro (2015): Incidence, Diagnosis and Management of Eye affections in Dogs. *Sokoto Journal of Veterinary Sciences* Vol 13, No.3, 1-8 (Nigeria) PC = 80%.
- (55). **Akinrinmade J.F**, Akinrinde A.S and Soyemi A.O (2015): Antioxidant potential of the methanolic extract of *Parquetina nigrescences* mediates protection against ischemia-reperfusion injury in rats. *Journal of Dietary Supplements.* Vol. 13 No. 4: 420-432 (United Kingdom). PC = 60%.
- (56). **Akinrinmade J.F**, Akinrinde A.S and Amid, A.O (2016): Changes in Serum Cytokine levels, hepatic and intestinal morphology in aflatoxin B1- induced

injury: Modulatory roles of flavonoid – rich extract from *Chromola odorata*:  
Mycotoxin Research. Vol. 32 No. 2: 53-60

- (57) Adejumobi O.A, Omotoso O.O., Omobowale T.O., and **Akinrinmade** (2017): Retrospective study of the prevalence and pattern of parvo-viral enteritis presented at the Veterinary Teaching Hospital, University of Ibadan. European Journal of Pharmaceutical and Medical Research. Vol 4(3) 109-113. India PC = 15%
- (58). Stephen Akinleye Akinrinde, Ayomide, O. Makinde and **Joseph Fadeyemi Akinrinmade** (2018): Flavonoid-rich extract of *Parquetina nigrescens* prevents intestinal ischemia-reperfusion injury in Wistar rats via modulation of inflammatory cytokines and antioxidant defense. Tropical Veterinarian vol 36 (3) 151-165 [Nigeria] PC = 30%
- (59) Akinrinde A.S; Ogunbunmi T, and **Akinrinmade J.F.** (2019): Increased plasma D-Lactate correlates with Aflatoxin B1-induced gastro-duodenal and hepatic injuries in rats: Antioxidant roles in Siam weed flavonoid fraction. Comparative Clinical Patholog. (In-Press) United States of America. PC = 20%
- (60) Abayomi Kayode Olaiya, Bamidele Nyemike Ogunro, John Ogunsola, Samuel Olarewaju, Olaifa and **Joseph Fadeyemi Akinrinmade** (2019): Successful surgical management of life-threatening gastric foreign body in a male Dorcas Gazelle (*Gazella Dorcas*, *Linnaeus*, 1758). Tropical Veterinarian vol 37(3) 156-165. [Nigeria] PC=15%
- (61). **Akinrinmade Joseph Fadeyemi** and Ogungbenro Olusola (2016): Intraocular pressure values of clinically healthy and unhealthy dogs in Ibadan, Nigeria.

International Journal of Animal and Veterinary Advances (In-Press) (Pakistan)

PC = 80%.

- (62) A.K. Olaifa, Bamidele Nyemike Ogunro, John Ogunsola, Olaifa Samuel Olarewaju, and **J.F. Akinrinmade** (2019): Successful Surgical Management of Life-threatening gastric foreign body in a Male Dorcas Gazella Dorcas, Linnaeus, 1758). Tropical Veterinarian (Nigeria) (Contribution 10%)

**XI. Major Conferences attended/ Papers read in the last five years.**

1. 35<sup>th</sup> Annual Conference of the Nigerian Society for Animal Production, 14-17 March, 2010, University of Ibadan, Ibadan. Akinrinmade, J.F. and Oluwagbemigun, K.O.: Gastro-intestinal foreign body syndrome in cattle.
2. 48<sup>th</sup> Annual Conference of the Nigerian Veterinary Medical Association 17-21, Oct. 2011, Ilorin, Kwara State. Akinrinmade., J.F and Akinrinde, A.S: Clinical Biochemistry as a prognostic tool in the management of critically-ill surgical patients.
3. 49<sup>th</sup> Annual Conference of the Nigerian Veterinary Medical Association 5-9 Nov., 2012, Ado-Ekiti, Ekiti. Akinrinmade, J.F. and Oke, B.O.: Evaluation of ecologic impact of three most prescribed prophylactic antibiotics in gastrointestinal surgery in southwest Nigeria.
4. 52<sup>nd</sup> Annual National Congress, Nigerian Veterinary Medical Association. Port Harcourt (October 16-20, 2015). Oguntoye C.O, Akinrinmade J.F and Eyarefe O.D: Anaesthesia for caesarian section in a resource-constrained environment
5. Annual Congress of the Nigerian Veterinary Medical Association, Oyo-State Chapter, 22-27, October 2018 Ibadan.

**CONTRIBUTION TO SCHOLARSHIP**

**(i) Experimental Surgery (1982-2010)**

Collaborative studies with clinical parasitologists investigated the pathogenicity and haematology of *Babesiacanis* in experimentally splenectomised dogs. In other studies, experimental transmission of amoebiasis and trichomoniasis via intragastric and intraperitoneal routes in anaesthetized animals, were undertaken. The findings from these studies are of clinical and public health significance as published.

Although the pathophysiology and clinical management of acute gastric dilatation-volvulus in dog and man have been widely studied, the aetiology and pathogenesis remain widely unknown.

An unsuccessful attempt was made to reproduce the condition in an un-anaesthetized dog using an improvised apparatus. Gastric cannulation was done with precision. The apparatus was found to be reliably efficient for direct administration of gas/fluid into the stomach and simultaneous measurement of intragastric pressure in conscious dogs. The simple assemblage has been adopted for use in other gastric studies by gastroenterologists.

**(ii) Gastro-intestinal Healing (2001-2010)**

Studies on clinico-pathological features of massive small intestinal and ileo-colic valve resections were designed as models to study the short bowel syndrome in humans. The results of the investigation have been of tremendous clinical benefit to clinicians and surgeons who often time perform intestinal resection and anastomosis in the course of management of gastrointestinal surgical diseases. Studies on choice of suture materials with different physical and biological properties, known to influence the healing rates of gastrointestinal closure and surgical outcomes in

gastropexies, enteropexies and colopexies were undertaken. Findings from these works have been published.

- **Intestinal Ischemia-reperfusion Injury (2006-2013)**

Interruption and restoration of blood flow to organs and tissues triggers a cascade of events known as Ischemia and reperfusion syndrome. The tissue damage caused by ischemia and reperfusion in the intestine is an important factor associated with high morbidity and mortality in surgical patients. The intestine is probably the most sensitive organ to ischemia and reperfusion syndrome. In an attempt to mitigate this damage, studies were conducted to elucidate the etiopathogenesis, clinico-pathophysiology and therapeutic strategies in animal models of ischemia-reperfusion. Treatment modalities investigated have been applied successfully in animal models of the syndrome. Reports from the study are published. The investigation is still on-going.

- **Antibiotic Prophylaxis in Gastro-intestinal Surgery (2011-2013)**

Emergence of antimicrobial resistance is an increasing concern in both human and veterinary medicine. Antimicrobial therapy which rapid and profound changes in the intestinal flora and disrupts colonization resistance already established therein. The use of broad spectrum multiple-dose antibiotic regime prophylaxis in gastrointestinal surgery is a common practice aimed at preventing post-surgical infection. This practice however creates and imbalance in the microbial ecosystem. Studies were designed to provide evidence for current practices pertaining to prophylactic antibiotic use in veterinary surgery and a frame work for audit and ecologic evaluation, especially with respect to gastrointestinal surgery. Findings from these

studies have generated the necessary awareness on the part of clinicians on the need for appropriate antibiotic prescribing.

- **Gastrointestinal Foreign body syndrome (1988 – 2012)**

Efforts at improving livestock productivity in the tropics, and particularly in Nigeria, continue to be unrewarding because of near ubiquitous shortage of good quality livestock feeds, rapidly diminishing forage and poor husbandry practices.

Gastrointestinal foreign bodies are currently one of the most common surgical emergencies in veterinary medicine. Studies on the etiopathogenesis, clinico-pathology, diagnosis, clinical management, prevention and economic implications of the condition in cattle, sheep and goats have been conducted. Findings from these studies provided recommendations on measures for prevention and control of the condition.

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