



Biographic Sketch

Assistant Prof. Dr. Hamid Akbar

D.V.M. (UAF), MPhil (UAF), Ph.D. (UVAS)

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Dr. Hamid Akbar graduated in Veterinary Medicine (DVM) in 1999 and received his Master's degree (M.Phil.) in Veterinary Surgery in 2002, from the University of Agriculture Faisalabad and in **2013 PhD**

in Veterinary Surgery from **University of Veterinary and Animal Sciences Lahore Pakistan.**

Dr. Hamid Akbar is presently working as **Assistant Professor** in Department of Veterinary Surgery UVAS Lahore. His research interests are Veterinary Anesthesiology, Small Animal Surgery and Orthopedic Surgery. Assistant Prof. Dr. Hamid Akbar is author of more than 29 publications in impact factor journals. He has successfully supervised 2 PhD and 21 MPhil students. He was also member of supervisory committee for 2 PhD and 42 MPhil students who successfully completed their respective research programs. He is in charge of **Equine Diagnostic Lab** at Lahore Race Club since 2014. Currently he is in charge Operation Suite and also focal person to Quality Enhancement Cell in in department of veterinary surgery.

CURRICULUM VITAE I.

PERSONAL DATA:

Name: Dr. Hamid Akbar, **Ph.D**

Date and Place of Birth: 18 september, 1976, Lahore, Pakistan

Citizenship: Pakistan (CNIC#: 35201-1496369-5)

Marital Status: Married

Home Address: House no 90, Army Housing scheme Askeri 8, defense Lahore

Office Address: **Assistant Professor**
Department of Veterinary Surgery
University of Veterinary & Animal Sciences
Lahore

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E-mails: Hamid.akbar@uvas.edu.pk

II. EDUCATION:

Institution	Years	Specialties	Degree
University of Veterinary and Animal Sciences Lahore	2013	Veterinary Surgery	Ph.D.
Univ. of Agric. Faisalabad	2002	Veterinary Surgery	M.Phil
Univ. of Agric. Faisalabad	1999	Veterinary Medicine	D.V.M.

III. POSITIONS HELD

April 2014- Till-to-date

December 2012- to April 2014 University of Veterinary and Animal Sciences Lahore Pakistan

Worked as lecturer in surgery section, department of clinical medicine and surgery
June 2013- Till-to-date

Working as In charge equine diagnostic laboratory UVAS, at Lahore Race Club
December 2017 to July 2020

Working as Assistant Professor in department of clinical medicine and Surgery- Incharge surgery indoor hospital, UVAS. Lahore.

IV a. Extension and Trainings (Workshops, Conferences, Seminars) Organized:

2022	Dr. Hamid Akbar as organizing secretary' two days hand on training on small Animal orthopedic Surgery' on 6-7 Jan ,2022 University of veterinary and Animal Sciences, Lahore
2022	Dr. Hamid Akbar as organizer' two days international hands on Training workshop on orthopedic Surgery in Small Animals' in collaboration with PAKSAVA on 28th-29th August ,2022 University of veterinary and Animal Sciences ,Lahore
2022	Dr. Hamid Akbar as organizer, Two days Hands on training international workshop on' Small Animal Dentistry' on 15-16th March, 2022 University of veterinary and Animal Sciences ,Lahore

ADMINISTRATIVE EXPERIENCE

In charge of **Equine Diagnostic Lab** at Lahore Race Club since 2013

In charge of Surgery clinic, University of Veterinary and Animal Sciences, Lahore-Pakistan

In charge Operation Suite, DVS, University of Veterinary and Animal Sciences, Lahore-Pakistan

Focal person to Quality Enhancement Cell, DVS

V. Membership of learned societies

- Registered Veterinary Medical Practitioner (RVMP), Pakistan Veterinary Medical Council, Islamabad
- Member of Society of Veterinary Physiology
- Member Sports Committee
- Member Society of Animal Reproduction
- General Secretary PkSAVA, Pakistan Small Animal Veterinary Association

VI. Participation: National /International Short Term Training Programs

- 15 days training at Surgery department, Selcuk University Konya Turkey under Mevlana Faculty Exchange Programme from 4 dec 2016 to 17 dec 2016.
- Resource person during Radiology and Reproductive Ultrasonography in Small and Large Ruminants from 2nd to 12th may, 2018
- Participated in Current Concepts in Canine Theriogenology held on January 27 and 28, 2006

- Workshop “Manuscript writing by using Endnote Software” 1st April to 2nd April, 2013 at UVAS.
- Participated in 6th Asian Buffalo Congres held on October 27-30, 2009 PC, lahore “Hands on training workshop on “Canine Radiographic Anatomy” organized by CEPA 21st-23rd February 2013.
- Hands on training workshop on ”Reproductive ultrasonography in domestic animals” from April 14-18, 2014 at UVAS.
- Organised a seminar on equine care in lahore race club, january 8, 2015.
- Facilitated the Advance surgical Stapling & Hemostasis Workshop in Services Institute of Medical sciences on september 10, 2015
- Organized kissan mela at Ravi campus Pattoki on 25 november, 2014.
- Participated in training workshop of ”in service competency enhaancement training for teachers(I-SCETT), 2-6 june 2014 organized by CEPA at UVAS.
- Participated in international workshop on ”Recent advances in canine reproduction” from 11-12 june 2014, organized by theriogenology deparment UVAS.
- Attended ”project formulation workshop” held on 27-28 march, 2014 organized by Pakistan Science Foundation Islamabad at UVAS
- Participated in one day training of presiding officer by the Election Commission of Pakistan on 26 april, 2013
- Participated in two days international workshop on civic engagement held on 26- 28 june 2013 at UVAS
- Participated in 6th International Buffalo Conference held at PC lahore on 27-30 october 2017.
- Attended Animal Birth Control Surgical Training Course on 24th-28th June 2022 at WVS Thailand
- Participated in Emergency Thoracic surgery with Hands on Training in Wet Lab on 9th march, 2019 in SIMS, Lahore
- Acted as resource person in advance Clinical Approaches & Field Implementation from 14th jan to 17th january
- Organized Clinical Proficiency Examination Prepration held on 27th- 28th february,2023
Organized Equine Lameness Diagnosis on 23rd May, 2021

VII. PUBLICATIONS:

Sr. #	Title	Impact Factor
1	H. Akbar, M. A. Khan, M. S. Khan, M. A. Khan, S. G. Bokhari, A. Nasir and A. A. Anjum (2014), Anaesthetic effects of medetomidine hcl with propofol, ketamine and chloral hydrate in equines, <i>The Journal of Animal & Plant Sciences</i>, ISSN: 1018-7081, 24(6): Page: 1695-1700	0.57
2	H. Akbar, M. A. Khan, M. A. Khan, M. S. Khan, S. Aslam, A. Nasir and A. A. Anjum (2014) Effects of different doses of medetomidine on clinical and hematological parameters in dogs, <i>The Journal of Animal & Plant Sciences</i>, 24(3):, Page: 730-737 ISSN: 1018-7081	0.57

3	Hamid Akbar , Muhammad Arif Khan, Shehla Gul Bokhari, Mansur ud Din Ahmad, Humaira Majeed Khan, and Aftab Ahmed Anjum(2014) Comparative Efficacy of Medetomidine HCl and Lignocaine HCl as Epidural Anesthetic in Buffalo Calves, Pakistan Veterinary Journal.ISSN: 0253-8318, 2074-7764	1.803
4	Hamid Akbar , Muhammad Arif Khan, Shehla Gul Bokhari, Mansuruddin Ahmed, Muhammad Nawaz, Aftab Ahmed Anjum and Humaira Majeed Khan (2014) Efficacy of Medetomidine Hydrochloride Alone and In Combination with Ketamine Hydrochloride for Surgical Anesthesia in Cats the journal of animal and plant sciences, 24(6); Pages 1695-1700, ISSN 1018-7081.	0.57
5	Sajjad MT, Akbar H , Khan MA, Mushtaq MH, Bokhari SG, Hayat MA, Mustafa G. The Effect of Autologous and Homologous Platelets-Rich Plasma Gel on Cutaneous Wound Healing In Rescued Donkeys: A Comparative Study. Egypt. J. Vet. Sci. Vol. 53, No. 4, 529-539 (2022). (Published online)	0.74
6	Sajjad MT, Akbar H , Khan MA, Mushtaq MH, Bokhari SG, Hayat MA, Mustafa G. The Therapeutic Effects of Autologous Platelet-Rich Plasma Gel on Cutaneous Wound Healing in Rescued Horses. J Hellenic Vet Med Soc (2022). (Accepted).	0.477
7	Muhammad Rizwan, Hamid Akbar* , Aftab Ahmad Anjum, Muhammad Arif Khan, Aneela Zameer Durrani, Muhammad AbidHayat,Anjum Masood, Muhammad Talha Sajjad and Nadeem Raza (2022).Effect of Pre and Post-Surgical Correction of Left Displacement Abomasum on Oxidative stress, Metabolic status and Hematological Profile in Dairy Cows in Pakistan. Pakistan Journal of Zoology. 1-7 (online published).	0.83
8	Zahir M, Akbar H , Akhtar R, Imran S,Hussain N, Rasheed H, Sajjad T, Asif M. Comparison of conventional methods with commercially available topical hemostat surgical snow for achieving hemostasis in canine model of partial splenectomy. Pol J. Vet. Sci. (2021). 24(2);281-286	0.821
9	Syed Waseem Abbas, Hamid Akbar , Muhammad Arif Khan, Muhammad Naveed Ali, Gulam Abbas and Muhammad Asif (2018).Comparative Efficacy of Advanced Surgical Hemostats in Canine Hepatotomy. Advances in Zoology and Botany. 6(2): 73-78.	0.1
10	F.Ahmad, H.akbar,M.A. Hayat, M.A. Khan, M.Y. Tipu, m.t. Sajjad,, H.M. Ahmad, F.Khalil.The role of DMSO and MSM in the treatment of tendinopathies affection in equine; a comparative study. (August 2022). Iraqi journal of Veteinary Sciences. (Accepted)	0.712
11	M. Asif , M. A. Khan, H. Akbar and M. O. Omer. Development of novel total intravenous anesthesia protocol using constant rate infusion in goats during pain management. Journal of Animal & Plant Sciences, 32(2): (2022), Page: 370-382.	0.57
12	Asif, M.; Khan, M. A. Akbar, H. Omer, M. O. Effects of detomidine and midazolam administered alone or combined, on induction dose and quality of propofol and ketamine anesthesia in goats. Journal of Animal & Plant Sciences (2021)31(2); 441-449. 9	0.57

13	Ahtazaz Haider, M. Arif Khan, Hamid Akbar and Syed Wasi Abbas (2017). Use of Xyline and Detomidine Alone and with Ketamine Anesthesia for the Caponization in Pigeons (<i>Columba livia</i>). Wayamba journal of Animal Sciences- ISSN: 2012-578X; 1491-1494.	Non-impac factor
14	IU Khan, MA Khan, SG Bokhari, A Safdar, M Shoaib, H Akbar , S Aslam,	1.803

	MA Khan and A Noor (2016). Sonographic Determination of Residual Bladder Volume after Application of Different Cystotomy Closure Techniques in Dogs. Pak Vet J, 36(4): 431-434.	
15	Abdul Aziz, Hamad Bin Rashid ¹ * Muhammad Arif Khan, Mamoona Chaudhry, Asim Khalid Mahmood, Ayesha Hassan, Hamid Akbar , Sadaf Imran, Naveed Hussain, Muhammad Umar ¹ , Muhammad Asif ¹ and Sajjad Javaid (2022). Characterization of stromal vascular fraction harvested from inguinal fat of Rabbit for healing of full thickness burn wound. Pakistan Journal of Zoology. (On line Published).	0.83
16	Ahsan Tariq , Imaad Rashid , Ghulam Muhammad , Huma Jamil , Amjad Islam Aqib , Ashar Mahfooz , Hamid Akbar , Zeeshan Ahmad Bhutta* , Muhammad Asif, Muhammad Fakhar-e-Alam Kulyar , Shah Nawaz , Muhammad Azam Farooq Kasli and Iqra Muzammil. (2021). In vitro Evaluation of Combination of Different NSAIDs and Antibiotics against MDR Escherichia coli. International journal of agriculture & biology	0.887
17	Anjum, H. Bokhari, S.G, Khan, M.A, Awais, M. Mughal, Z. U. Shahzad, H.K. Ijaz, F. Siddiqui, M.I. Khan, Chaudhry, A.S., Akhtar, R., Aslam, S., Akbar, H. , Asif, M., Maan, M.K., Khan, M.A., Noor, A., Khan, W. A., Ullah, A. And Hayat, M.A (2016). Comparative Efficacy of Proline and Proline-Vicryl composite mesh for Experimental hernia repair in dogs. IJVR, Vol.17 No.2, Ser. No. 55, 78-83.	0.21
18	Ahmad Naeem Sajed, Sana khan, Aneeqa Shamshad Butt, Abid Srwar, Dr. Raheela Akhtar, Dr. Imran Ahmad, Muhammad Naeem Mukhtar, Dr. Sadaf Imran, Dr. Hamid Akbar , Shan Ali, Muhammad Usman, Rapid detection of Mycobacterium tuberculosis and Rifampicin Resistance in extra pulmonary samples using Gene Xpert MTB/RIF assay. IOSR Journal of Dental and Medical Sciences (IOSR-JDMS) e-ISSN: 2279-0853, p-ISSN: 22790861. Volume 13, Issue 11 Ver. IV (Nov. 2014), PP 50-53	0.2
19	M Ali Khan. M Arif Khan, SG Bokhari, NU Khan, AU Khan, M Ijaz, IU Khan, S Aslam, UF Durrani, HBR Chaudhary, N Hussain, H Akbar , HK Shahzad and A Ullah. (2014). Comparative Efficacy of Finnyand Jaboulyary Pyloroplasty for the Relief of Pyloric Stenosis in Dogs. Pak. Vet J, 35(2): 188192.	1.803
20	Ahmad Naeem Sajid, Dr. Shaghuftha Imran, Dr. Sajjad Haidar, Abid Sarwar, Dr. Imran Ahmad, Dr. Sadaf Imran, Dr. Qumar Niaz, Dr. Hamid Akbar , Dr. Uzma Farid Durrani, Dr. Muhammad Atif Imran and Mubashir Akbar (2014). Prevalence of HCV in apparently Healthy voluntary blood donors. Journal of Dental and Medical Sciences. Volume 13 (6): 1-4.	0.2
21	Nasir A, Zaman MA, Shakoora A, Rehman TU, Khan I, Ehtisham-ulHaque S, Sikandar A, Masood S and Akbar A. (2018). Prevalence of Neospora caninum using Milk and serum ELISA and its Hematological effect in Dairy Buffaloes	2.3

22	Humaira, Khan; Syeda, Raza; Aftab, Anjum; Muhammad, Ali; Hamid, Akbar. (2019).Antiviral, embryo toxic and cytotoxic activities of Astragalus membranaceus root extracts	0.8
23	Uzma Fareed, Saad Nasir, Syed Faheem Ahmed, Syed Saleem Ahmed and Shagufta Saeed. (2019). Clinico-biochemical study on different pre-anesthetic drugs combined with propofol for neutering dogs	5
24	F. Khalil1 , H. Akbar1 , M. Hayat2 , H. Rasheed1 , S. Aslam1 , A. Safdar1 , F. Ahmad1 , H. Ahmad1 and M. Sajjad1. (2023). Comparative efficacy of platelet-rich plasma and dextrose prolotherapy for stifle joint arthritis in a rabbit model	
25	M. Rizwan1 , H. Akbar1*, M. A. Khan1 , A. A. Anjum2 , M. A. Hayat4 , I. U. Khan5 , A. Masood5 , M. T. Sajjad1 and N. Raza3. (2023). Effect Of Left Omentopexy Among Dairy Cows On Normal Body Parameters	0.70
26	A.A. Farooq ; M.A. Khan ; H. Akbar M.A. Hayat ; S. Murtaza ; M.H. Shah M.A. Javid ; M.U. Saleem ; M. A. Basit S. Inayat ; M.H. Lashari ; M.T. Sajjad. (2023). Effects of autologous bone marrow on the healing of long bones fractures reduced by skeletal fixators in GOATS	0.82
27	Abdul Asim Farooq1,2*, Muhammad Arif Khan1 , Hamid Akbar1 , Muhammad Ashraf3 , Saima Inayat4 , Muhammad Usman Saleem5 , Saeed Murtaza2 , Maqbool Hussain Shah2 and Muhammad Arshad Javid5. (2022). Effect of Autologous Multiple Bone Marrow Aspirate on the Healing of Metacarpal and Metatarsal Fractures Reduced by Internal Fixators in Beetal Goats	0.687
28	Hayat, Muhammad Abid, Jiafeng Ding, Xianhao Zhang, Tao Liu, Jiantao Zhang, Shehla Gul Bokhari, Hamid Akbar, and Hongbin Wang. "Enhanced Autophagy in Damaged Lamina Tissue of Acute Laminitis Induced by Oligofructose Overloading in Dairy Cows." <i>Animals</i> 13, no. 15 (2023): 2478.	3.0
29	Asad Khan, Sadaf Aslam, Hamid Akbar, Imran Ahmed, Usman Ghani, Mirza Muhammad Usman, Imad khan Sajid Khan Tahir, Raheela Akhtar, Iftikhar Ali Khan, Saima Masood. Comparative Study of Traditional formaldehyde versus formaldehyde free saturated salt as Embalming solutions for gross anatomy and surgical training of students. http://doi.org/10.5281/zenodo.1461889 IAJPS 2018, 05 (10), 9956-9963 ISSN 2349-7750	0.437
30	Farooq, A.A., Khan, M.A., Akbar, H., Lashari, M.H., Inayat, S., Javid, M.A., Saleem, M.U., Murtaza, S., Shah, M.H., Basit, M.A., Hayat, M.A., Nasreen, S. (2024). Incidence of Fracture in Small Ruminants: A Retrospective Study. <i>Biol. Clin. Sci. Res. J.</i> , 2024: 738. doi: https://doi.org/10.54112/bcsrj.v2024i1.738	

31	<p>Shahzad Ahmad, Sadaf Aslam, Ayesha Safdar, Naveed Hussain, Hamid Akbar, Areesha Arkan, Ghulam Mustafa, Hafiz Muhammad Umar.</p> <p>Comparative study of Skin staples, Suturing technique and surgical glue for the treatment of auricular hematoma in caprine. ISSN 1198-581x</p>	
Total Impact Factor		28.01

Book Chapter

3520“The Effect of Autologous and Homologous Platelets-Rich Plasma Gel on Cutaneous Wound Healing In Rescued Donkeys: A Comparative Study” In Egypt. J. Vet. Sci. Vol. 53, No. 4, pp. 529-539 (2022)

Booklet

Manual of **Veterinary Anaesthesiology and Intensive Care** Authors Dr. Arif Khan & DR. Hamid Akbar

Manual of **Small animal Surgery Practical** Authors Dr Hamid Akbar

Manual of **Veterinary Orthopaedic Surgery** Authors Dr Muhammad Arif & Dr Hamid Akbar

Manual of **Commonly used Drugs in Veterinary Practice** Authors Dr Hamid Akbar

VIII. Research Supervision

Post Graduate PhD Student Supervised; Supervisor

1. Title of Thesis; Management of Left Abomasal Displacement by using Grymer Sterner and Dirksen Surgical Technique in Dairy cow

(Student Name; Muhammad Rizwan No. 2017-va-56)

2. Title of Thesis; Studies on Regenerative effects of blood derivatives for wound management in rescued Equines

(Student Name; Muhammad Talha Sajjad Reg No. 2003-va-99)

Post Graduate M.Phil Student Supervised;

1. Comparison of Conventional methods with commercially available topical haemostat surgical snow for achieving hemostasis in canine model

(Student Name; Muhammad Zahir; No. 2012-va-75 year passed 2019)

2. Comparative Study on Buprenorphine And Meloxicam for the Control of Post-Operative Pain in Feline Fractures Reduced by Internal Fixation

(Student Name; Gorham Faiz; No. 2017-va-1411; Year Passed 2019)

3. Comparative Evaluation of Hotz- celsus and Quickert-Rathbun technique for correction of entropion in Dogs

(Student Name; Arjumand Yar Malik ; No. 2012-va-151; Year passed 2020)

4. Comparative efficacy of Platelet Rich plasma and Calundula officinalis extract as a healing promoter in skin grafting of goat

(Student Name; Muneeb Ashraf ; No. 2013-va-236; Year passed 2020)

5. The effect of Human recombinant erythropoietin on various haematological parameters in

Nephrectomised rabbits

(Student Name; Muhammad Asif ; No. 2012-va-90; Year passed 2020)

6. Comparative Efficacy of DMSO and MSM in treatment of Naturally occurring ten dinopathies in Equine

(Student Name; Fiaz Ahmad; No. 2018-va-1655 year passed 2021)

7. Comparison of Autologous activated and non activated Platelets-Rich Plasma (PRP) on full thickness cutaneous wound healing in Dogs

(Student Name; Hamza Faiz ; No. 2019-va-181; Year passed 2022)

8. Comparative study on cholecysto-duodenostomy and cholecysto jejunostomy for extra hepatic biliary obstructions in Rabbits

(Student Name; Muhammad Waqas Ajmal Ghouri Reg No 2018-va-226; Year passed 2022)

9. Comparative efficacy of advanced surgical hemostats in the canine hepatotomy

(Student Name; Syed Wasim Abbas Ali Shah; No. 2009-va-168; Year passed 2016)

10. Comparative evaluation of autologous platelets rich plasma and platelets poor plasma treated tibial fracture repair in rabbits

(Student Name; Mushtaq Ahmad; No. 2012-va-045; Year passed 2020)

11. Effect of unilateral and bilateral thyroidectomy on hormonal and biochemical parameters in dogs

(Student Name; Mehmood Ur Rehman; No. 2019-va-177; Year passed 2016)

12. Comparative evaluation of normal and platelet rich plasma treated tibial fracture repair in rabbits

(Student Name; Inam Ul Hassan; No. 2016-va-688; Year passed 2019)

13. Caudal epidural analgesia with bupivacaine, medetomidine alone and in combination in dogs

(Student Name; Usman Rashid; No. 2013-va-843; Year passed 2015)

14. comparative efficacy of chitosan with or without honey on cutaneous wound healing in donkeys

(Student Name; Areesha Arkan; Reg No. 2020-va-1600; Year passed 2023)

15. Comparative study of tube cystotomy and perineal urethrostomy for the treatment of urine obstruction in bucks

(Student Name; Farhan Naseer; Reg No. 2015-va-201; Year passed 2022)

16. Comparative efficacy of injecting platelet rich plasma (prp) and dextrose prolotherapy on arthritis in rabbits

(Student Name; Fawad Khalil Pitafi; Reg No. 2017-va-1365; Year passed 2019)

17. Comparison of analgesic efficacy of buprenorphine added lidocaine and lidocaine infraorbital nerve block during dental procedures of dog

(Student Name: Bushra Masaud; Reg No. 2021-VA-795; Year passed 2023)

18. A Comparative study on B-TCP (bone scaffold) alone in combination with hyaluronic acid on tibial fracture healing in rabbit model

(Student Name: Muhammad Saad; Reg No. 2016-VA-626; Year passed 2023)

19. Comparative efficacy of xylazine/Ketamine and xylazine/propofol as short term field anesthesia in equines (equus asinus)

(Student Name: Hafiz Mohsin Munir; Reg No. 2016-VA-602; Year Passed 2024)

20. Comparative healing efficacy of conjunctival flap technique alone and in combination with PRP for the treatment of non-infectious deep corneal ulcer in rabbit model

(Student Name: Mudasser Nazar; Reg No. 2021-VA-1773; Year Passed 2024)

21. Comparative hemostatic efficacy of gelatin sponge and chitosan based dressings in liver model of rabbit

(Name of Student: Muhammad Ahmad; Reg No. 2021-VA-1775; Year Passed 2024)

IX. References

Prof. Dr. Talat Naseer Pasha,

Former Vice Chancellor, University of Veterinary and Animal Sciences Lahore, Pakistan.

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Prof.Dr. Naseem Ahmad

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Prof. Emeritus Dr. Masood Rabbani,

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