

1. Name: Dr. Hans Raj Bhardwaj
2. Designation: Professor and Head
3. Contact Address: Division of Veterinary Surgery & Radiology, [F.V.Sc.](#) & AH, SKUAST -J, R. S. Pura (J&K)
4. [E-mail:hrbhardwajvet@gmail.com](mailto:hrbhardwajvet@gmail.com)
5. Mobile: 9419313766
6. Professional Experience
 - i. Professor since 19th September, 2011
 - ii. Associate professor 19th September, 2005 to 19th September, 2011
 - iii. Assistant professor 25th November, 1998 to 19th September, 2005
7. Awards/Honours/ Scholarships:21
8. Area of Specialization: Veterinary Surgery & Radiology
9. Research Interest:
 1. Large animal Gastro-intestinal surgery
 2. Soft tissue Surgery
 3. Hoof disorders in dairy cows
 4. Anaesthesia
 5. Teat and udder surgery of large ruminants.
 6. Uro-genital Surgery
10. Total No. of Publications (Referred Journals): 68
11. Selected Publications (Best five):
 1. H.R Bhardwaj, Amarpal, Singh, G.R. and Aithal ,H.P, 1999. Postoperative pain management in dogs: Efficacy of pre-emptive analgesia with epidural lignocaine and ketamine. *Indian J. Vet. Surg.* 32:19-22
 2. H R Bhardwaj, Amarpal, Singh, G.R. and Aithal, H.P. 1999 Role of pre-emptive epidural analgesia with lignocaine and pethidine for management postoperative inflammation and pain in dogs. *Indian Journal of Veterinary Surgery.* **20**(2):70-74
 3. H.R Bhardwaj and P.K Peshin 2007. Blood and rumen fluid histamine status in water buffaloes (*Bubalus bubalis*) suffering from traumatic reticular peritonitis and its clinical management. *Indian J. Vet. Surg.* 28(2):85-89
 4. H.R.Bhardwaj, Amarpal, H.P. Alihal, P. Kinjavdekar, A.M. Pawde and Nazir Ahmed Changal. 2011. Role of pre-emptive epidural blockade with lignocaine, ketamine or pethidine in inhibition of anaesthetic and surgical stress response typified by levels of plasma cortisol in dogs. *Indian J. Veterinary Surgery* .32 (2), 19-22.
 5. Jagdeep Singh Mann*, Ashok Kumar, Hansraj Bhardwaj and Shashi Kant Mahajan. 2019. Clinical Study on Changes in Biophysical Dynamics of Rumen in Cattle Suffering from Small Bowel Intussusception. *International Journal of Current Microbiology and Applied Sciences* 8(8): 666-680.
12. Students advisory:-
 - A) Students guided as major advisor
 - a M.V.Sc : 11
 - b. Ph.D : 02
 - B) Students guided as minor advisor/Dean's Nominee.
 - a M.V.Sc: 37
 - b. Ph.D: 06
13. Books /manuals / Monographs : **12** Manuals

14.Seminar/Workshop/Conference/attended:32

15.Extensionwith trainings associated 22

16. Research projects as PI/Nodal Officer:

University funded:

- Study on medical and surgical interference of intestinal obstruction in dairy cattle. 2010
- Evaluation of GIA using surgical stapling and routine suturing in cattle. 2010
- Studies on pre- and post- operative haemato-biochemical, blood gas and plasma mineral status in cows with intestinal obstruction.
- Evaluation of surgical stress in stapler and hand -sewn anastomotic techniques in dairy cattle suffering from intestinal obstruction
- Diagnosis and treatment of osteo-arthritis in dogs

17. Other Achievements if any

- Pioneer worker in diagnosing and treating the dairy cattle suffering from intussusception.
- Devised intussusception by-pass surgery for effective treatment of intestinal obstruction in dairy cattle.
- Actively coordinated various co-curricular and extra-co curricular activities at faculty level for one decade.
- Actively involved since more than 20 years in treatment and diagnosis of surgical diseases of small and large animals