



Dr. Amit Kumar, Assistant Professor, Veterinary Surgery & Radiology, DR. G C Negi College of Veterinary and Animal Sciences, CSKHPKV, Palampur-176062.  
Email: [drasingla@gmail.com](mailto:drasingla@gmail.com), Phone: 9418169077

Field of Specialisation and Research interest: Veterinary Surgery & Radiology

Educational Qualification: M.V.Sc. and PhD. (Veterinary Surgery & Radiology)

Employment Record along with Professional Experience (in years)

- |  |                      |
|--|----------------------|
| 1. Research experience (As Junior Research Fellow):    | 1 month              |
| 2. Research experience (As Research Associate, NATP):  | Over 17 months       |
| 3. Worked in a Private Clinic at Patiala               | 11 months            |
| 4. Worked as Veterinary Surgeon at SPCA, Chandigarh    | 8 months             |
| 5. Worked as Veterinary Officer (Govt. of Punjab)      | 2 years and 3 months |
| 6. Assistant Professor, Veterinary Surgery & Radiology | till Date            |

Research Projects handled

AS PI: **1**

AS Co-PI: **6**

Research Publications

Total publications published in Journals: **61**

Enlist best 5 publications in last 5 years (with NAAS rating /impact factor)

S. No.	Article	NAAS rating
1	Manpreet Singh, Amit Kumar, Adarsh Kumar, S.P. Tyagi and Rishu Wadhawan. 2022. Endoscope- Assisted Bilateral Nasal Leech Retrieval in a Dog. Frontier in Veterinary Science. <a href="https://doi.org/10.3389/fvets.2022.881581">https://doi.org/10.3389/fvets.2022.881581</a>	9.41
2	Rohit Kumar, Adarsh Kumar, Amit Kumar and S.P. Tyagi. 2020. Comparison of atracurium and vecuronium as muscle relaxants for ocular and orthopaedic interventions in dogs. Indian Journal of Animal Research. 54(1):106-109. (DOI: 10.18805/ijar.B-3730)	6.44
3	Manish Arya, S.P. Tyagi, Amit Kumar, Adarsh Kumar and Surender Kumar. 2022. Radiographic Mensuration of Caudal Vena Cava, Aorta, Vertebral Length and Fourth Rib Width and Ascertaining their Ratios in Healthy Dogs. Indian Journal of Animal Research. DOI 10.18805/IJAR.B-4676	6.44
4	Sakshi, S P Tyagi, Amit Kumar*, Adarsh Kumar, Sukhpreet Singh and Arvind Kumar. 2022. Application of anatomically contoured intramedullary interlocking nailing for fixation of femoral diaphyseal fractures in dogs. Indian Journal of Animal Sciences 92 (3): 283–288	6.32
5	Mohit Sharma, Adarsh Kumar, S P Tyagi and Amit Kumar. 2022. Clinical appraisal of Admit pin for management of femur fracture in canines. Indian Journal of Animal Sciences 92 (5): 560–564	6.32

Books published/Books Chapters/ Manual (Teaching/trainings)

**1/10/3/3**

Conference/Seminar/Symposium Papers

**72**

Extension activity including Popular articles/pamphlets/leaflets

**2**

Students Guided

MVSc: **7**

Ph.D: **Nil**

Awards/Fellowships (Enlist best 3 awards)

1. Best Paper in Orthopaedic Surgery Session (ISVS 2019)
2. Best Paper in Small Animal Poster Session (ISVS 2019)
3. Best Paper in Radiology and Imaging Session (ISVS 2021)

International exposure/ Visits Abroad

**1**

Miscellaneous achievement/ activities

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## Curriculum Vitae

Full Name: **Dr. Amit Kumar**

Designation: **Assistant Professor, Veterinary Surgery & Radiology,  
Dr G C Negi College of Veterinary and Animal Sciences,  
CSKHPKV, Palampur-176062**

### **Total Service Experience:**

1.	Research experience (As Junior Research Fellow):	1 month
2.	Research experience (As Research Associate, NATP):	Over 17 months
3.	Worked in a Private Clinic at Patiala	11 months
4.	Worked as Veterinary Surgeon at SPCA, Chandigarh	8 months
5.	Worked as Veterinary Officer (Govt. of Punjab)	2 years and 3 months
6.	Assistant Professor, Veterinary Surgery & Radiology	till Date

### **Professional Academic Qualifications:**

<b>Degree</b>	<b>Year of Passing</b>	<b>University/ Institute</b>	<b>Class Obtained</b>	<b>Percentage/ O.G.P.A.</b>
PhD	2018	CSKHPKV, Palampur	Ist	8.78/10.00 (87.8%)
M.V.Sc.	2003	CSKHPKV, Palampur	Ist	8.37/10.00 (83.7%)
B.V.Sc & A.H.	2001	PAU, Ludhiana	Ist	7.53/10.00 (75.3%)
<b>Title of the M.V.Sc. thesis</b>	Studies on the efficacy of Seabuckthorn ( <i>Hippophae sp.</i> ) in healing of burn wounds in bovines			
<b>Title of the PhD. thesis</b>	The diagnosis and management of cataract in animals			

### **Academic achievements:**

1. Secured first divisions at every step of the academic career from Class I to MVSc.
2. Received Merit scholarship during under graduation (B.V.Sc. & A.H).
3. Qualified 'ICAR NET' Examination.

### **Professional Activities:**

- Total number of publications:
  - A. Research: 61
  - B. Seminars/Symposium: 72
  - C. Seminar/Symposium attended: 19
  - D. Research projects handled: 7

### **Professional memberships:**

- Life member of "Indian society for Veterinary Surgery (ISVS)"
- Life member of "Himachal Veterinary Council" and "Veterinary council of India"
- Life member of "Alumni Association of Veterinary College", Ludhiana.

### **Extracurricular activities during studentship:**

1. Merit Certificate in inter-college youth festival at PAU, Ludhiana
2. NCC "B" certificate.

3. Got '7' Band in IELTS examination conducted by British Council

**Languages Known:**

Language	Speaking	Reading	Writing
English	Excellent	Excellent	Excellent
Punjabi	Excellent	Excellent	Excellent
Hindi	Excellent	Excellent	Excellent

**Personal Details:**

- Father's Name : Sh. Hem Raj Singla
- Mother's name : Smt. Saroj Bala
- Date of Birth : 17.08.1978
- Marital Status : Married
- Nationality : Indian

**Permanent Correspondence Address:**

House No. 58, Snow View Enclave,  
Haar, Bundla Tea Estate, Palampur-176061  
Distt. Kangra, Himachal Pradesh

**Correspondence Address**

Dr. Amit Kumar  
Assistant Professor,  
Department of Veterinary Surgery & Radiology,  
DR. G C Negi College of Veterinary and Animal Sciences,  
CSKHPKV, Palampur-176062  
Cell: 09418169077, E-mail: drasingla@gmail.com

**Clinical assignments:**

- Round the clock clinical services (Surgical aspects)
- Organizing and participating in clinical camps at different places
- Delivering lectures regarding Animal Welfare at different places

**Advanced trainings attended:**

1. "Diagnostic and Surgical Procedures in Veterinary Patients" from Feb 18<sup>th</sup> to March 10<sup>th</sup>, 2010 organized by CAFT, Dept. of Veterinary Surgery and Radiology, GADVASU, Ludhiana.

**Research/Clinical articles:**

1. Sakshi, S P Tyagi, Amit Kumar\*, Adarsh Kumar, Sukhpreet Singh and Arvind Kumar. 2022. Application of anatomically contoured intramedullary interlocking nailing for fixation of femoral diaphyseal fractures in dogs. Indian Journal of Animal Sciences 92 (3): 283–288
2. Manpreet Singh, Amit Kumar, Adarsh Kumar, S.P. Tyagi and Rishu Wadhawan. 2022. Endoscope- Assisted Bilateral Nasal Leech Retrieval in a Dog. Frontier in Veterinary Science. <https://doi.org/10.3389/fvets.2022.881581>
3. Mohit Sharma, Adarsh Kumar, S P Tyagi and Amit Kumar. 2022. Clinical appraisal of Admit pin for management of femur fracture in canines. Indian Journal of Animal Sciences 92 (5): 560–564

4. Sukhpreet Singh, **Amit Kumar**, Adarsh Kumar, SP Tyagi and Mohit Sharma. 2022. Intramedullary implant fixation for management of diaphyseal fractures of humerus in dogs. *The Haryana Veterinarian* (March, 2022) 61(SI), 9-13
5. Manish Arya, S.P. Tyagi, **Amit Kumar**, Adarsh Kumar and Surender Kumar. 2022. Radiographic Mensuration of Caudal Vena Cava, Aorta, Vertebral Length and Fourth Rib Width and Ascertaining their Ratios in Healthy Dogs. *Indian Journal of Animal Research*. DOI 10.18805/IJAR.B-4676
6. Jobanjit Singh, Adarsh Kumar, **Amit Kumar** and Jasmeen Kaur. 2021. Ultrasound guided cholecystocentesis and portocentesis in bovines. *Indian Journal of Veterinary Surgery*. 42(1): 20-23
7. Manisha Thakur, Adarsh Kumar, **Amit Kumar**, S.P. Tyagi, Ajay Katoch and Kanika Singh. 2021. Diagnosis and management of periodontal diseases in dogs. *Indian Journal of Veterinary Surgery*. 42(1): 40-43
8. Mansi, Adarsh Kumar, **Amit Kumar**, Sukti Naryal and S.P. Tyagi. 2021. Clinicophysiological and hematobiochemical evaluation of propofol and etomidate as anaesthetic induction agents in diazepam premedicated dogs. *Indian Journal of Veterinary Surgery*. 42(1): 48-51
9. Sukti Naryal, **Amit Kumar**, Adarsh Kumar, S.P. Tyagi, Mansi, Sukhpreet Singh, Anjali Saurav Sharma and Kanika Singh. 2021. Adverse effects associated with propofol constant rate infusion anaesthesia in dogs. *Indian Journal of Veterinary Surgery*. 42(1): 52-55
10. Prince Arora, Adarsh Kumar, **Amit Kumar**, Ajay Katoch, Mansi Bajaj and SP Tyagi. 2021. Ultrasonographic characterization of common hepatic ailments in bovine. *Ruminant Science*. 9 (2): 401-406
11. **Amit Kumar**, Adarsh Kumar, S.P. Tyagi, Arvind Sharma, Priyanka Thakur and Rohit Kumar. 2020. Evaluation of propofol and ketofol as induction agents in dogs premedicated with butorphanol-diazepam for isoflurane anaesthesia. *Indian Journal of Veterinary Surgery* 41(2): 87-91
12. Aman D. Moudgil, Ankur Sharma, Adarsh Kumar, **Amit Singla** and Surender Bansal. 2020. *Amblyomma gervaisi* (Ixodida: Ixodidae: Amblyomma) infestation in a Rat Snake from northwestern Himalayan region: a case study. *Journal of Threatened Taxa*. 12(15): 17165–17167
13. Rakesh Kumar, Abhishek Kumar, Rupali Masand, Anmol Bisht, **Amit Singla** and R.K. Asrani. 2020. Clinico-pathological characterization of chronic renal diseases in geriatric dogs. *Indian Journal of Veterinary Pathology* 44(2) : 123-128
14. Harish Kumar, S P Tyagi, **Amit Kumar**, Adarsh Kumar and Sukhpreet Singh. 2020. Incidence of fractures in animals. *Indian Journal of Veterinary Surgery*. 41(1): 62–63
15. Harish Kumar, S P Tyagi, **Amit Kumar**, Adarsh Kumar and Sukhpreet Singh. 2020. Comparative evaluation of intramedullary interlocking nailing and end-threaded pinning (positive profile) for fixation of femoral fractures in dogs. *Indian Journal of Animal Sciences* 90 (2): 166–170
16. Rohit Kumar, Adarsh Kumar, **Amit Kumar** and S.P. Tyagi. 2020. Comparison of atracurium and vecuronium as muscle relaxants for ocular and orthopaedic interventions in dogs. *Indian Journal of Animal Research*. 54(1):106-109. (DOI: 10.18805/ijar.B-3730)

17. **Amit Kumar**, SP Tyagi, Adarsh Kumar, Arvind Negi, Rohit Kumar and Sukhpreet Singh. 2019. Surgical management of supracondylar femur fracture using reconstruction bone plating in dogs. *Indian Journal of Veterinary Surgery*. 40(2): 131-133
18. Arvind Sharma, Adarsh Kumar, S.K. Sharma and **Amit Kumar**. 2019. Surgical management of cutaneous tumours in mice. *Indian Journal of Veterinary Surgery* 40(2): 128-130
19. **Amit Kumar**, SP Tyagi, Adarsh Kumar, Rohit Kumar and Nikita Mastkar. 2019. Goat/sheep eyes: an ideal model for practicing cataract extraction procedure. *Ruminant Science*. 8(1) 125-128.
20. **Amit Kumar**, S.P Tyagi and Adarsh Kumar. 2019. Anaesthetic protocol and surgical management of diaphragmatic hernia in a dog. *Intas Polivet* 20(1): 143-145
21. **Amit Kumar**, S.P Tyagi and Adarsh Kumar. 2019. Endoscopy guided removal of foreign body from thoracic esophagus in a dog. *Intas Polivet* 20(1): 132-134
22. **Amit Kumar**, Adarsh Kumar S.P Tyagi, Arvind Negi, Sakshi Patial and Rohit Kumar. 2018. Linear type II external skeletal fixation for repair of open mid-diaphyseal fractures of metacarpus in two cow calves. *Ruminant Science*. 7(2) 343-344.
23. Ashish Gupta, Adarsh Kumar, SP Tyagi and **Amit Kumar** 2018. Surgical management of bilateral ceruminous cystadenomatosis in a geriatric Pomeranian dog. *Indian Journal of Veterinary Surgery* 39(2): 142.
24. Mitin Chanana, Adarsh Kumar, Som Prakash Tyagi, **Amit Kumar Singla**, Arvind Sharma and Ujase Bin Farooq. 2018. End-threaded intramedullary positive profile screw ended self-tapping pin (Admit pin) - A cost-effective novel implant for fixing canine long bone fractures. *Veterinary World* 11(2): 181-185
25. Ashish Gupta, Adarsh Kumar, SP Tyagi and **Amit Kumar** 2017. Radiography of external ear canal and tympanic bullae in dogs. *Indian Journal of Veterinary Surgery* 38(2): 104-107.
26. **Amit Kumar**, SP Tyagi, Adarsh Kumar and Nikita Mastkar. 2017. Incidence of canine cataract in Palampur, Himachal Pradesh. *Himachal Journal of Agricultural Research* 43 (1): 73-74
27. **Amit Kumar**, SP Tyagi, Adarsh Kumar. 2017. Surgical management of unilateral ovario bursal abscess in a dog. *Intas Polivet* 18(1): 162-163
28. **Amit Kumar**, SP Tyagi, Adarsh Kumar, Rohit Kumar and Jobanjeet Singh. 2017. Surgical management of trauma induced stenson's duct injury in a cow. *Ruminant Science* 6(1): 197-198
29. **Amit Kumar**, Nikita Mastkar, Priyanka Thakur, Ashish Gupta and Rohit Kumar. 2016. Surgical retrieval of a needle from pharynx of a dog. *Himachal Journal of Agricultural Research* 42(1): 99-100

30. **Amit Kumar**, S.P. Tyagi, Piyush Shastri, Richa Dogra, Adarsh Kumar. 2015. Synergistic efficacy of combination of Seabuckthorn seed oil and famotidine or lansoprazole for treatment of gastric ulcers and erosions in dogs. *In Proceedings: 7<sup>th</sup> International Conference on the theme of "Seabuckthorn-Emerging Technologies for Health Protection and Environmental Conservation"* from 24-26 Nov, 2015. 411-415
31. Diviank Thakur, S.P. Tyagi, **Amit Kumar**, Shilpa Gupta, Virendra Singh. 2015. The comparative therapeutic efficacy of the combination of seabuckthorn seed oil and misoprostol or sucralfate in gastric ulcers and erosions in dogs. *In Proceedings: 7<sup>th</sup> International Conference on the theme of "Seabuckthorn-Emerging Technologies for Health Protection and Environmental Conservation"* from 24-26 Nov, 2015. 377-382
32. **Amit Kumar**, Som Prakash Tyagi, Priyanka Thakur and Rohit Kumar. 2015. Surgical removal of lingual foreign body in a buffalo - a clinical case study. *Himachal Journal of Agricultural Research* 41(2): 189-190.
33. Shilpa Gupta, S P Tyagi and **Amit Kumar**. 2015. Management of Gastric ulcerations and erosions with combination of seabuckthorn (*Hippophae rhamnoides*) seed oil and famotidine in dogs. *Indian Journal of Veterinary Surgery* 36(1): 29-32.
34. S P Tyagi and **Amit Kumar**. 2015. Surgical management of salivary fistula in cattle. *The Indian Journal of Veterinary Sciences & Biotechnology*. 10(3): 77-79
35. Anubhav Khurana, Adarsh Kumar, Sandeep Kumar Sharma, **Amit Kumar**. 2015. Clinical comparison of recovery from two balanced anaesthetic protocols in dogs, *Indian Veterinary Journal*. 92(2): 56-58.
36. **Amit Kumar**, Adarsh Kumar, SP Tyagi, SK Sharma and Rohin Sharma. 2014. Ketofol as a general anaesthetic agent in Diazepam or Midazolam premedicated and halothane anaesthetized dogs. *Indian Journal of Veterinary Surgery* 35(1): 31-34.
37. Khurana A, Kumar A, Sharma SK, **Kumar A**. 2014. Electrocardiographic and haemato-biochemical effects of two balanced anesthetic protocols in dogs. *Veterinary World* 7(10): 835-841.
38. Rohin Sharma, Adarsh Kumar, **Amit Kumar**, S K Sharma, Arvind Sharma and Neelima Tewari. 2014. Comparison of xylazine and dexmedetomidine as a premedicant for general anaesthesia in dogs. *Indian Journal of Animal Sciences* 84(1): 8-12.
39. **Amit Kumar**, S.P. Tyagi, Richa Dogra and Shilpa Gupta. 2013. Dose-dependent effects of Seabuckthorn seed oil on the healing of gastric ulcers and erosions in dogs. *In Proceedings: 6<sup>th</sup> A Conference of International Seabuckthorn Association in Potsdam, Germany*. pp. 9-16 | 14-18 October, 2013.
40. Naresh Kumar, Som Prakash Tyagi, **Amit Kumar** and Akhilesh Chandra Varshney. 2013. Seabuckthorn (*Hippophae rhamnoides*) seed oil as local dressing agent for infected cutaneous wounds in bovine. *Veterinary Research International* 1(1) 14-19.
41. Richa Dogra, S. P. Tyagi, and **Amit Kumar**, "Efficacy of Seabuckthorn (*Hippophae rhamnoides*) Oil vis-a-vis Other Standard Drugs for Management of Gastric Ulceration and Erosions in Dogs," *Veterinary Medicine International*, vol. 2013, Article ID 176848, 11 pages, 2013. doi:10.1155/2013/176848

42. **Kumar Amit**, Varshney A.C. Tyagi S.P. and M. S. Kanwar. 2012. A Histological Study for Evaluation of Seabuckthorn (*Hippophae Rhamnoides*) Oil in the Healing Of Cutaneous Burns in Bovines. *Indian Veterinary Journal*. 89(2): 28-31
43. Jagmohan Singh, A C Varshney, S K Sharma, Adarsh Kumar and **Amit Kumar**. 2011. Cardiovascular and electroencephalographic studies of medetomidine hydrochloride in neonatal calves. *Indian Journal of Veterinary Surgery*. 32(2): 127-128
44. Rajesh Rana, Varshney A C, Tyagi S P, **Amit Kumar** and Kanwar M S. 2011. Efficacy of seabuckthorn seed and pulp oil in the healing of aseptic excisional cutaneous wounds in calves. *Indian Journal of Veterinary Surgery*. 32(2): 124-126.
45. Jagmohan Singh, A C Varshney, S K Sharma, Adarsh Kumar and **Amit Kumar**. 2011. Clinical, analgesic, sedative and haemato-biochemical studies following medetomidine hydrochloride administration in neonate calves. *Indian Veterinary Journal*. 88(8): 31-32
46. Sheikh Imran, Adarsh Kumar, S. P. Tyagi, **Amit Kumar**, and Shivali Sharma, "Ultrasonographic Examination of the Rumen in Healthy Cows," *Veterinary Medicine International*, Vol. 2011, Article ID 840629, 4 pages, 2011. doi:10.4061/2011/840629
47. Sheikh Imran, S. P. Tyagi, **Amit Kumar**, Adarsh Kumar, and Shivali Sharma, "Ultrasonographic Application in the Diagnosis and Prognosis of Pericarditis in Cows," *Veterinary Medicine International*, Vol. 2011, Article ID 974785, 10 pages, 2011. doi:10.4061/2011/974785
48. Sheikh Imran, S. P. Tyagi, **Amit Kumar**, and Shivali Sharma, "Ultrasonographic Imaging of Normal and Impacted Omasum in Indian Crossbred Cows," *Veterinary Medicine International*, Vol. 2011, Article ID 485031, 5 pages, 2011. doi:10.4061/2011/485031
49. Sheikh Imran, S. P. Tyagi, Adarsh Kumar, **Amit Kumar**, Arvind Sharma, and Shivali Sharma, "Usefulness and Limitation of Ultrasonography in the Diagnosis of Intestinal Intussusception in Cows," *Veterinary Medicine International*, vol. 2011, Article ID 584387, 6 pages, 2011. doi:10.4061/2011/584387
50. Sheikh Imran, S. P. Tyagi, **Amit Kumar**, Adarsh Kumar, and Shivali Sharma, "Comparative Ultrasonographic Imaging of Spleen and Liver in Healthy Crossbred Cows," *ISRN Veterinary Science*, vol. 2011, Article ID 419591, 7 pages, 2011. doi:10.5402/2011/419591
51. **Kumar Amit**, Varshney A.C. Tyagi S.P. and M. S. Kanwar. 2010. Effect of seabuckthorn on cutaneous burns - A clinical and Haematological study. *Indian Journal of Veterinary Surgery*. 31(1): 53-54
52. A.K.Singh, S.K Sharma, Adarsh Kumar, A.C. Varshney and **Amit Kumar**. 2010. Atropine – medetomidine – ketamine as balanced anaesthesia for neonatal calves: sedative, analgo-clinical and haemato-biochemical studies. *Indian Journal of Veterinary Surgery*. 31(2): 113-115
53. A.K Singh, S.K Sharma, Adarsh Kumar, A.C. Varshney and **Amit Kumar**. 2008. Atropine–medetomidine–ketamine for balanced anaesthesia in neonatal calves: Cardiovascular and Electroencephalographic Studies. *Indian Journal of Veterinary Surgery*. 29(1):25-27

54. Amit Mahajan, S K Sharma, A C Varshney, S P Tyagi and **Amit Kumar**. 2006. Therapeutic efficacy of seabuckthorn (*Hippophae sp.*) in infected cutaneous wounds in bovines. *Indian Journal of Animal Sciences*. 76 (2):134-6
55. S.K Sharma, S.S. Misra, Adarsh Kumar, A.C. Varshney and **Amit Kumar**. 2006. Chloral-mag thiopental anaesthesia in neonate calves: sedative, Haemato-biochemical and electrocardiographic studies. *Indian Journal of Animal Sciences*. 76(3):196-198
56. S.K Sharma, S.S. Misra, Adarsh Kumar, A.C. Varshney and **Amit Kumar**. 2006. Sedative, haemato biochemical and electrocardiographic studies following xylazine administration in neonate calves. *Indian Journal of Veterinary Surgery*. 27(1):49-50
57. Amit Mahajan, S. K. Shrama, R. K. Asrani, A.C. Varshney, S.P. Tyagi and **Amit Kumar**. 2005. Treatment of infected cutaneous wounds with seabuckthorn (*Hippophae sp.*) in bovines: A histopathological study. *Indian Journal of Veterinary Surgery*. 26(1): 31-33
58. Munish Gupta, M. Singh, A.C. Varshney, S.P Tyagi and **Amit Kumar**. 2005. Efficacy of Seabuckthorn (*Hippophae rhamnoides*) in the healing of cutaneous wounds in dogs: Clinical and Haematological Studies. *Indian Journal of Veterinary Surgery*. 26(2):105-106
59. S.P. Tyagi, **Amit Kumar** and A.C. Varshney. 2005. Surgical management of explosive injuries of face and oral cavity in dogs. *Indian Journal of Veterinary Surgery*. 26(1):67
60. A.C Varshney, S. P. Tyagi, **Amit Kumar** and V. Singh. 2004. Studies for the evaluation of anti-inflammatory activities of seabuckthorn (*Hippophae rhamnoides*) oil in canine. *Global seabuckthorn Research and Development*. 4(2):7-10
61. Adarsh Kumar, Mohinder Singh, Sharma S.K., Varshney A.C., Tyagi S.P and **A. Singla**. 2003. Surgical management of sarcoid in the nasal diverticulum of equine: A case report. *Centaur*. Volume XIX No. 4. April: 69-71.

#### Research/Clinical articles presented to Conferences/Symposia:

S. No.	2023	45th Annual Congress of ISVS and National Symposium on “Computer Applications to Improve Surgical Outcomes in Pets and Livestock: Opportunities & Challenges” at the Department of Veterinary Surgery and Radiology, Maharashtra Animal and Fishery Sciences University, Nagpur (Maharashtra) from 11-13th January, 2023.
1.		Amit Kumar, Akshay Kumar, Mohammad Iliyas Zargar, SP Tyagi, Yudhvira Rana, Sara Kaushal, Rohit Kumar, Adarsh Kumar and Ahan Nagpal. 2023. Surgical management of supracondylar femur fracture using rush pinning in dogs.
2.		Akshay Kumar, Amit Kumar, Diksha Dhiman, Sukhpreet Singh, Adarsh Kumar, SP Tyagi. 2023. Open reduction and internal fixation of tibia and fibular fractures in dogs.
3.		Ankit, SP Tyagi, Amit Kumar, Adarsh Kumar, Mridula Sharma. 2023. Grading and management of canine hip dysplasia.
4.		Deepti Bodh, Adarsh Kumar, S.P. Tyagi, Amit Kumar, Deepti Sharma and Sanjay Bisht. 2023. Echocardiography as a definitive diagnostic tool for detecting myocardial, pericardial and valvular heart disease in dogs: a clinical study of 10 cases.
5.		Sidharth Singh, Adarsh Kumar, Deepti Sharma, Amit Kumar, Sankalp Mahabalesh, Rohit Kumar, Deepti Bodh, S.P. Tyagi. 2023. Ultrasonographic imaging of intestinal disorders in canine.
6.		Manpreet Singh, Amit Kumar, Ahan Nagpal, SP Tyagi, Adarsh Kumar, Deepti Sharma, Rohit Kumar and Rishu. 2023. Clinical application of gastrointestinal



		endoscopy in dogs.
7.		Sara Kaushal, Adarsh Kumar, Rohit Kumar, Amit Kumar, Kalpna Thakur, SP Tyagi. 2023. Laser-assisted leather punch technique for the management of aural hematoma in dogs.
8.		Ashish Cristopher, Adarsh Kumar , S.P. Tyagi, Amit Kumar, Shivani Jain , Deepti Sharma, Deepti Bodh. 2023. Effect of wound closure tension and the method of surgical incision on wound healing following cutaneous reconstruction surgery procedures.
9.		Vijaya Mahantesh S K, Amit Kumar, Rohit Kumar, Deepti Sharma, Adarsh Kumar, SP Tyagi, Kalpna Thakur and Sara Kaushal. 2023. Clinical adaptation of tiletamine and zolazepam (zoletil 50 ®) for conducting different diagnostic/surgical procedures in dogs.
10.		Anjali Sharma, Pranjal Sharma, Adarsh Kumar, Deepti Sharma, Rohit Kumar, Amit Kumar, SP Tyagi. 2023. Ultrasound guided nerve block anesthesia of the brachial plexus and sciatic nerve in cattle
11.		Sukti Naryal, Amit Kumar, Adarsh Kumar, Nirmay Sharma, S.P. Tyagi, Mansi. Rohit Kumar, Deepti Sharma and Kanika Singh 2023. Continuous rate intravenous infusion of propofol in dogs
12.		Aabha, SP Tyagi, Amit Kumar, Adarsh Kumar, Reva Gupta. 2023. Standardization of slit lamp biomicroscopy in dogs
13.		Sankalp Mahabalesh, Adarsh Kumar, Kalpana Thakur, Sara Kaushal, Amit Kumar, S.P. Tyagi. 2023. Clinical endodontics (rct) for restorative soundness of teeth in dogs.
	2022	44th Annual Congress of Indian Society for Veterinary Surgery and National Symposium on “Recent Trends in Surgical and Imaging Techniques for Enhancement of Productivity and Health Status of Farm and Pet Animals” to be held in College of Veterinary & Animal Sciences, Pantnagar, GBPUA&T, Uttarakhand w.e.f. February 24 to 26, 2022.
14.		Amit Kumar, Ashmeet Kaur, SP Tyagi, Adarsh Kumar and Sukhpreet Singh Use of Supracutaneous bone plating for management of radius/ulna and tibia/fibula fractures in dogs.
15.		Amit Kumar, SP Tyagi, Adarsh Kumar, Sukhpreet Singh, Rohit Kumar and Akshay Kumar. Use of type -II linear external skeletal fixators for long bone fx management in large animals
16.		Ashish Cristopher, Himanshu Damle, Adarsh Kumar, Amit Kumar, S.P. Tyagi, Shivani Jain, Deepti Sharma. Flash technique for diagnosis of left dorsal displacement of large colon and nephro-splenic ligament entrapment in a mule
17.		Davinder Saini, Adarsh Kumar, Deepti Sharma, Amit Kumar, Rohit Kr and SP Tyagi. Standardisation of parotid gland landmarks for destruction and its clinical application
18.		Kalpna Thakur, Adarsh Kumar, Sudhir Ahluwalia, Amit Kumar, S.P. Tyagi, Deepti Sharma and Shivani Jain. Root canal treatment (endodontics) in dogs
19.		Manpreet Singh, Amit Kumar, SP Tyagi, Adarsh Kumar, Deepti Sharma and Rishu. Endoscope assisted bilateral nasal leech retrieval in a dog
20.		Manish Arya, S.P.Tyagi, Amit Kumar, Adarsh Kumar, Ajay Katoch, Surender Kumar. Radiographic biometry of cranial and caudal lobar arteries & vein with respect to rib in dogs
21.		Sara Kaushal, Adarsh Kumar, Surender Bansal, Dhruv Thakur, Kalpna Thakur, Amit Kumar and S.P. Tyagi. Management of pneumo-thoracic emergency in a dog
22.		Shivani Jain, Himanshu Damle, Adarsh Kumar, Amit Kumar, SP Tyagi, Ashish Cristopher, Deepti Sharma. Diagnostic and surgical management of colic in two horses
23.		Vasvi Ganjoo, Deepti Sharma, Adarsh Kumar, Ajay Katoch, Amit Kumar, SP Tyagi and Rohit Kumar. Ultrasonographic evaluation of kidney size in correlative reference to lumbar vertebrae in healthy dogs
24.		Aabha Kaushal, SP Tyagi, Amit Kumar, Adarsh Kumar, Deepti Sharma, Vasvi

		Ganjoo, Kalpana Thakur. Ciliary body tumor in dogs
25.		Manpreet Singh, Amit Kumar, Adarsh Kumar, SP Tyagi, Rohit Kumar, Deepti Sharma and Ananya Goyal. Diagnosis and management of otitis externa
26.		Rupali Masand, RD Patil, RK Asrani and Amit Singla. 2022. A case description of malignant Melanoma in female dog. In 4 <sup>th</sup> National conference of Society of Veterinary and Animal Husbandry Extension on meristic approaches for livestock development - An extension call held on 6 to 8 <sup>th</sup> May 2022 at DGCN COVAS Palampur
27.	2021	Ananya Goyal, Amit Kumar, Adarsh Kumar, Deepti Sharma and Manpreet Singh. 2021. Diagnosis and surgical management of urolithiasis in a dog. 5th National Online Clinical Case Conference -2021
28.		Akshay Kumar, Amit Kumar, SP Tyagi, Sukhpreet Singh and Ashmeet Kaur. Successful management of tibial fracture by supracutaneous plating in a dog. 5th National Online Clinical Case Conference -2021
29.		Ashish Cristopher, Adarsh Kumar, Deepti Sharma, Amit Kumar, SP Tyagi and Shivani Jain. Surgical management of a giant tumour causing vascular compromise on the neck of a dog. 5th National Online Clinical Case Conference -2021
	2019	43rd Annual Congress of Indian Society for Veterinary Surgery and National Symposium on “Recent advances on amelioration of anaesthetic and surgical stress in farm and companion animals” held at College of Veterinary Sciences, Lala Lajpat Rai University of Veterinary and Animal Sciences, Hisar w.e.f. 14 - 16 November, 2019
30.		Amit Kumar, Adarsh Kumar, SP Tyagi, Mohit Sharma and Sukhpreet Singh. 2019. Application of Admit pin for fixation of humerus and femur fractures in small animals.
31.		Amit Kumar, SP Tyagi, Adarsh Kumar, Nikita Mastkar and Rohit Kumar. 2019. Phacoemulsification for management of canine cataract.
32.		Sukti Naryal, Amit Kumar, Adarsh Kumar, SP Tyagi and Mansi. 2019. Clinical evaluation of continuous rate infusion of 2% lignocaine in dogs during general anaesthesia
33.		Adarsh Kumar, Amit Kumar, Mansi Bajaj, Sukti Naryal and SP Tyagi. 2019. Kitty Magic Anaesthesia for Cats
34.		S.P. Tyagi, Tejender Kumar, Amit Kumar, Jasmeen Kaur, Sakshi Patiyal and Adarsh Kumar. 2019. Anatomically contoured Intramedullary Interlocking nails for fixation of femoral and tibial fractures in canine and bovine
35.		Manisha Thakur, Adarsh Kumar, Amit Kumar, SP Tyagi and Kanika Singh. 2019. Management of periodontal diseases in Dogs
36.		Manisha Thakur, Adarsh Kumar, Amit Kumar, SP Tyagi and Kanika Singh. 2019. Surgical management of mandibular fracture and oral tumours in dogs
37.		Amit Kumar, SP Tyagi, Adarsh Kumar, Nikita Mastkar and Adrian Acacio Camarapta. 2019. Management of cataract in dogs: A study of 22 cases. 16th Annual Convention of ISACP and the National Symposium on ‘Exploring New Horizons in Canine Practice and Welfare’ on 26th – 28th February 2019 at Khalsa College of Veterinary and Animal Sciences, Amritsar, Punjab (India)

38.	2018	Amit Kumar, SP Tyagi, Adarsh Kumar, Nikita Mastkar and Adrian Acacio Camarapta. 2018. Incidence of ocular disorders in animals at Palampur, Himachal Pradesh. Conference on Doubling the Farmers' Income: Challenges and Strategies organized at CSKHPKV, Palampur w.e.f. April, 23-24, 2018.
39.		Bhuvnesh Thakur, SP Tyagi, Amit Kumar and Adarsh Kumar. 2018. Therapeutic evaluation of seabuckthorn ( <i>Hippophae Salicifolia</i> ) for gastric ulceration and erosions in dogs. 2th National Conference of Seabuckthorn Association of India October 23-25, 2018, Shimla, Himachal Pradesh.
40.		Rohit Kumar, Adarsh Kumar, Priyanka Thakur, Arvind Sharma, Amit Kumar, SP Tyagi. 2018. Introduction and clinical application of diagnostic laparoscopy in cows. Conference on Doubling the Farmers' Income: Challenges and Strategies organized at CSKHPKV, Palampur w.e.f. April, 23-24, 2018.
41.		S.P. Tyagi, Adrian AC, Amit Kumar, Adarsh Kumar, Ajay Katoch and S Bansal. 2018. Successful management of chronic extensive effusive retinal detachment in a dog. 42nd Annual Congress of Indian Society for Veterinary Surgery and National Symposium on Advances in diagnostic imaging and surgical techniques in farm and companion animals at Navsari, Gujrat 22-24th Nov, 2018.
42.		Rohit Kumar, Adarsh Kumar, Amit Kumar and SP Tyagi. 2018. Anaesthetic protocols for centralization of eye ball for different operative procedures in dogs. 42nd Annual Congress of Indian Society for Veterinary Surgery and National Symposium on Advances in diagnostic imaging and surgical techniques in farm and companion animals at Navsari, Gujrat 22-24th Nov, 2018.
43.		Adrian AC, S.P. Tyagi, Amit Kumar, Adarsh Kumar, Manisha Thakur and Murtaza KC. 2018. Fundus imaging for various ocular affections in dogs. 42nd Annual Congress of Indian Society for Veterinary Surgery and National Symposium on Advances in diagnostic imaging and surgical techniques in farm and companion animals at Navsari, Gujrat 22-24th Nov, 2018.
44.		Adarsh Kumar, Jobanjit Singh, Amit Kumar, SP Tyagi and Jasmeen Kaur. 2018. Ultrasound guided nerve blocks in cattle. 42nd Annual Congress of Indian Society for Veterinary Surgery and National Symposium on Advances in diagnostic imaging and surgical techniques in farm and companion animals at Navsari, Gujrat 22-24th Nov, 2018.
45.	2016	Amit Kumar, Adarsh Kumar, SP Tyagi, Arvind Sharma and Priyanka Thakur. 2016. Propofol and ketofol as general anaesthetic agent in diazepam pre-medicated and isoflurane anaesthetised dogs. 40 <sup>th</sup> Annual Congress of Indian Society for Veterinary Surgery and National Symposium on Biomaterials and stem cells for tissue repair and regeneration in veterinary Surgery organized at Madras Veterinary College, Chennai, Tamil Nadu w.e.f. December, 02-04, 2016.
46.		Priyanka Thakur, Adarsh Kumar, SP Tyagi and Amit Kumar. 2016. Abdominal diagnostic laparoscopy in bovines. 40 <sup>th</sup> Annual Congress of Indian Society for Veterinary Surgery and National Symposium on Biomaterials and stem cells for tissue repair and regeneration in veterinary Surgery organized at Madras Veterinary College, Chennai, Tamil Nadu w.e.f. December, 02-04, 2016.
47.	2015	Amit Kumar, S.P. Tyagi, Piyush Shastri, Richa Dogra, Adarsh Kumar. 2015. Synergistic efficacy of combination of Seabuckthorn seed oil and famotidine or lansoprazole for treatment of gastric ulcers and erosions in dogs. 7 <sup>th</sup> International Conference on the theme of "Seabuckthorn-Emerging Technologies for Health Protection and Environmental Conservation" from 24-26 Nov, 2015

48.		Diviank Thakur, S.P. Tyagi, Amit Kumar, Shilpa Gupta, Virendra Singh. 2015. The comparative therapeutic efficacy of the combination of seabuckthorn seed oil and misoprostol or sucralfate in gastric ulcers and erosions in dogs 7 <sup>th</sup> International Conference on the theme of “Seabuckthorn-Emerging Technologies for Health Protection and Environmental Conservation” from 24-26 Nov, 2015
49.		Neha Kapil, Sandeep Kumar Sharma, Adarsh Kumar, Amit Kumar and Arvind Sharma. 2015. Clinical Evaluation of ketamine, propofol and ketamine-propofol admixture (Ketofol) for induction of anaesthesia in diazepam- butorphanol premedicated and isoflurane maintained dogs. 39 <sup>th</sup> Annual Congress of ISVS and National Symposium on Recent Innovations in Diagnosis and Treatment of Surgical Disorders in Ruminants and Equines with particular applicability in Hilly Terrain” from 1-3 Sep, 2015 at Srinagar (J&K).
50.	2014	Mitin Chanana, Adarsh Kumar, SP Tyagi, Amit Kumar, SK Sharma, Arvind Sharma and UB Farooq. 2014. End threaded intramedullary positive profile screw ended self-tapping pin – A cost effective novel field compatible innovation for management of long fractures in dogs. XXXVIII Annual Congress of Indian Society for Veterinary Surgery and National Symposium at College of Veterinary and Animal Sciences Bikaner, Rajasthan University of Veterinary and Animal Sciences, Bikaner, India from 15 <sup>th</sup> to 17 <sup>th</sup> November 2014.
51.		UB Farooq, Adarsh Kumar, Arvind Sharma, Amit Kumar, SP Tyagi, Mitin Chanana and SK Sharma. 2014. Use of sonography in diagnosis of intestinal colic in horses. XXXVIII Annual Congress of Indian Society for Veterinary Surgery and National Symposium at College of Veterinary and Animal Sciences Bikaner, Rajasthan University of Veterinary and Animal Sciences, Bikaner, India from 15 <sup>th</sup> to 17 <sup>th</sup> November 2014.
52.	2013	Rohin Sharma, Adarsh Kumar, Suneel Ranaut and Amit Kumar. 2013. Development of indigenous ambulatory large animal lift sling for assisting downer’s cow at field level. XXXVII Annual Congress of Indian Society for Veterinary Surgery and National Symposium at College of Veterinary and Animal Sciences Mannuthy, Kerala Veterinary and Animal Sciences University, Mannuthy Campus, Thrissur, Kerala, India from 6th to 8th November 2013.
53.		Amit Kumar, S.P. Tyagi, Richa Dogra and Shilpa Gupta. 2013. Dose-dependent effects of Seabuckthorn seed oil on the healing of gastric ulcers and erosions in dogs. 6 <sup>th</sup> Conference of International Seabuckthorn Association in Potsdam, Germany from October 14-18, 2013.
54.	2012	Amit Kumar, Adarsh Kumar SP Tyagi, SK Sharma and Rohin Sharma. 2012. Ketofol as an induction agent in Diazepam or Midazolam Pre-Medicated and Halothane Anaesthetized Dogs. 36 <sup>th</sup> ISVS conference on at Department of Veterinary Surgery and Radiology Department of Veterinary Surgery and Radiology at Anand Agriculture University, Anand, India from November 1-3, 2012
55.		Rohin Sharma, Adarsh Kumar, Amit Kumar, SK Sharma Arvind Sharma and Neelima Tiwari. 2012. Clinical evaluation of Dexmedetomidine-Butorphanol or Xylazine-Butorphanol in Ketamine induced and Halothane anaesthetized Dogs. 36 <sup>th</sup> ISVS conference on at Department of Veterinary Surgery and Radiology Department of Veterinary Surgery and Radiology at Anand Agriculture University, Anand, India from November 1-3, 2012
56.	2011	S.P. Tyagi, A.C Varshney and Amit Kumar. 2011. Prophylactic efficacy of Seabuckthorn oil and omeprazole in gastric erosions and ulcerations in dogs. Proceedings of the 5th ISA Conference. Developing Seabuckthorn: For the Harmonious Ecosystem & Healthy Life. Xining, Qinghai. China w.e.f. 4-9

		September, 2011
57.		S.P. Tyagi, Amit Kumar and Richa Dogra. 2011. A comparative evaluation of Famotidine, lansoprazole and seabuckthorn seed oil as gastric ulcer and erosions healing agent in dogs. 35 <sup>th</sup> Annual Congress of Indian Society for Veterinary Surgery and International symposium on "Nanobiomaterials in Biomedical Research: Their Application in Veterinary Surgery" at West Bengal University of Animal and Fishery Sciences, Kolkata from November 11-13, 2011
58.		Arvind Sharma, Adarsh Kumar, Amit Kumar & M.S Kanwar. 2011. Vaginal edema & vaginal fold prolapse in 21 bitches. 35 <sup>th</sup> Annual Congress of Indian Society for Veterinary Surgery and International symposium at West Bengal University of Animal and Fishery Sciences, Kolkata from November 11-13, 2011
59.		S.P. Tyagi, Amit Kumar, Adarsh Kumar, Bhanu Pratap, Arun Kumar and Richa Dogra. 2011. The successful use of artificial limb following amputation in a mare. 35 <sup>th</sup> Annual Congress of Indian Society for Veterinary Surgery and International symposium at West Bengal University of Animal and Fishery Sciences, Kolkata from November 11-13, 2011
60.		Richa Dogra, SP Tyagi, Amit Kumar, Adarsh Kumar, AC Varshney and V Singh. 2011. Therapeutic evaluation of sucralfate, misoprostol and seabuckthorn oil for management of gastric ulcerations and erosions in dogs. In proceedings of National Conference on Seabuckthorn: Emerging Trends in R & D on Health Protection & Environmental Conservation. CSKHPKV, Palampur w.e.f. 1-3 December, 2011
61.	2010	Rajesh Rana, A C Varshney, S P Tyagi, Amit Kumar and M S Kanwar. 2010. Seabuckthorn ( <i>Hippophae sp.</i> ) seed and pulp oil as a wound dressing agent in aseptic excisional cutaneous wounds in bovine: A haemato-clinical study. National Conference on Seabuckthorn: Emerging trend in production to consumption, CSKHPKV, Palampur w.e.f. 16-18 <sup>th</sup> Feb, 2010.
62.		Sukminder Singh, S K Sharma, S P Tyagi and Amit Kumar. Therapeutic efficacy of seabuckthorn ( <i>Hippophae sp.</i> ) oil as a topical dressing agent for incisional cutaneous wounds in bovine. 34 <sup>th</sup> Annual Congress of Indian Society for Veterinary Surgery and International symposium on Newer concepts on surgical techniques for farm and companion animal practice at RGCVAS, Puducherry w.e.f. 08-10 Dec, 2010.
63.		S.P. Tyagi, A.C Varshney and Amit Kumar. 2010. Prophylactic efficacy of Seabuckthorn oil <i>vis-a-vis</i> other gastroprotective agents against gastric ulcerations and erosions. 34 <sup>th</sup> Annual Congress of Indian Society for Veterinary Surgery and International symposium on Newer concepts on surgical techniques for farm and companion animal practice at RGCVAS, Puducherry w.e.f. 08-10 Dec, 2010.
64.		S. Imran S.P. Tyagi, Amit Kumar and Shivali Sharma. 2010. Role of ultrasonography in diagnosis of pericarditis in cows. 34 <sup>th</sup> Annual Congress of Indian Society for Veterinary Surgery and International symposium on Newer concepts on surgical techniques for farm and companion animal practice at RGCVAS, Puducherry w.e.f. 08-10 Dec, 2010.
65.	2009	S P Tyagi and Amit Kumar. 2009. Successful management of congenital and acquired salivary cysts in bovine. 33 <sup>rd</sup> Annual Congress of Indian Society for Veterinary Surgery on Current Trends in diagnostic imaging and management of Surgical Affections in Dairy Animals at GADVASU, Ludhiana w.e.f. Nov. 11-13.
66.		Naresh Kumar, A C Varshney, S P Tyagi and Amit Kumar. 2009. Seabuckthorn ( <i>Hippophae sp.</i> ) oil as a topical dressing agent in infected cutaneous wounds in bovine - A clinico-haematological study. 33 <sup>rd</sup> Annual Congress of Indian Society for Veterinary Surgery on Current Trends in diagnostic imaging and management of Surgical Affections in Dairy Animals at GADVASU, Ludhiana w.e.f. Nov. 11-13, 2009.
67.		Arvind Sharma, Adarsh Kumar, M.S Kanwar, Amit Kumar, Sheikh Imran, Bhanu Thakur & V.S Nanda. 2009. Ameloblastoma in a Stallion. 33 <sup>rd</sup> Annual Congress of

		Indian Society for Veterinary Surgery on Current Trends in diagnostic imaging and management of Surgical Affections in Dairy Animals at GADVASU, Ludhiana w.e.f. Nov. 11-13, 2009.
68.	2005	Tyagi, S.P., Varshney, A.C., Kumar, A. and Singh, V. 2005. Therapeutic and prophylactic efficacies of Seabuckthorn in gastric erosions and ulcerations in dogs. Presented at 2nd International Seabuckthorn Association conference at Beijing, China w.e.f. Aug, 26-29.
69.	2004	S. P. Tyagi, Amit Kumar, Adarsh Kumar, S.K. Sharma and A. C. Varshney. 2004. External-fixators with epoxy-side bar for fracture repair in animals. 28th Annual Congress of Indian Society for Veterinary Surgery and National symposium. (Madhya Pradesh) College of Veterinary Science and Animal Husbandry, Jabalpur. 18-21 Nov. (MP). India
70.	2003	Kumar A, A.C. Varshney, S.P. Tyagi and D.N. Sharma. 2003. Treatment of cutaneous burns with seabuckthorn oil in bovines: A histological study. 27th Annual Congress of Indian Society for Veterinary Surgery and National symposium. GBPUA & T, Pantnagar 20-22 Nov. Uttaranchal. India
71.		S.P. Tyagi, A. Kumar and A.C. Varshney. 2003. Surgical management of explosion injuries of face and oral cavity in dogs. 27th Annual Congress of Indian Society for Veterinary Surgery and National symposium. GBPUA & T, Pantnagar 20-22 Nov. Uttaranchal. India
72.	2002	A.C. Varshney, A. Kumar, S.P. Tyagi and V. Singh. 2002. Therapeutic evaluation of Seabuckthorn oil in cutaneous burn wound healing in bovine: A clinico-haematological study. 1st Congress of the International Seabuckthorn Association. 14 – 18 September, Berlin, Germany.

#### **Conferences/Symposia attended:**

1. Participated in the 25<sup>th</sup> Annual Congress of Indian Society for Veterinary Surgery and National Symposium on “Clinical orientation of research in Veterinary Surgery” held at Dept. of Vet. Surgery and Radiology, CCS HAU, Hisar from 5-7<sup>th</sup> Dec. 2001.
2. Participated in the 19<sup>th</sup> Annual Conference of Indian Association of Veterinary Pathologists and National Symposium on “Recent advances in diagnosis of diseases of livestock, poultry and wildlife with special emphasis on hill area diseases” organized by Dept. of Vet. Pathology, COVAS, CSKHPKV, Palampur 26-28<sup>th</sup> Sept. 2002.
3. Participated in the 26<sup>th</sup> Annual Congress of Indian Society for Veterinary Surgery and National Symposium on “Clinical orientation of research in Veterinary Surgery” held at Dept. of Vet. Surgery and Radiology, Bombay Veterinary College, Mumbai from 9-11<sup>th</sup> Nov. 2001.
4. Participated in 27<sup>th</sup> Annual Congress of Indian Society for Veterinary Surgery and National symposium on "Advances in the Management of Critically Ill Animal Patients" held at Dept. of Surgery and Radiology, COVS, GBPUA&T, Pantnagar 20-22<sup>nd</sup> Nov.2003.
5. Participated in Indian Veterinary Congress & 10<sup>th</sup> Annual Conference of IAAVR & Symposium on “Challenges and Strategies for Sustainable Animal Production in Mountains” held at College of Veterinary and Animal Sciences. CSK HPKV, Palampur.
6. Participated in 33<sup>rd</sup> Annual Congress of Indian Society for Veterinary Surgery on ‘Current Trends in diagnostic imaging and management of Surgical Affections in Dairy Animals’ at GADVASU, Ludhiana w.e.f. Nov. 11-13, 2009.

7. Participated in National Conference on Seabuckthron: Emerging trend in production to consumption, CSKHPKV, Palampur w.e.f. 16-18<sup>th</sup> Feb, 2010
8. Participated in 34<sup>th</sup> Annual Congress of Indian Society for Veterinary Surgery and International symposium *on* “Newer concepts on surgical techniques for farm and companion animal practice” at Rajiv Gandhi College of Veterinary and Animal Sciences, Puducherry w.e.f. 08-10 Dec, 2010
9. Participated in 35<sup>th</sup> Annual Congress of Indian Society for Veterinary Surgery and International symposium *on* “Nanobiomaterials in Biomedical Research: Their Application in Veterinary Surgery” at West Bengal University of Animal and Fishery Sciences, Kolkata from November 11-13, 2011
10. Participated in National Conference on Seabuckthorn: Emerging Trends in R & D on Health Protection & Environmental Conservation. CSKHPKV, Palampur w.e.f. 1-3 December, 2011.
11. Participated in 6<sup>th</sup> Conference of International Seabuckthorn Association: SBT – a fresh look at Technology, health and environment in Potsdam, Germany from October 14-18, 2013
12. Participated in 7<sup>th</sup> International Conference on the theme of “Seabuckthorn-Emerging Technologies for Health Protection and Environmental Conservation” from 24-26 Nov, 2015
13. Participated in 40<sup>th</sup> Annual Congress of Indian Society for Veterinary Surgery and National Symposium on Biomaterials and stem cells for tissue repair and regeneration in veterinary Surgery is being organized at Madras Veterinary College, Chennai, Tamil Nadu w.e.f. December, 02-04, 2016
14. Participated in Conference on Doubling the Farmers’ Income: Challenges and Strategies organized at CSKHPKV, Palampur w.e.f. April, 23-24, 2018.
15. 16th Annual Convention of ISACP and the National Symposium on ‘Exploring New Horizons in Canine Practice and Welfare’ on 26th – 28th February 2019 at Khalsa College of Veterinary and Animal Sciences, Amritsar, Punjab (India)
16. 43rd Annual Congress of Indian Society for Veterinary Surgery and National Symposium on “Recent advances on amelioration of anaesthetic and surgical stress in farm and companion animals” held at College of Veterinary Sciences, Lala Lajpat Rai University of Veterinary and Animal Sciences, Hisar w.e.f. 14 - 16 November, 2019
17. 44th Annual Congress of Indian Society for Veterinary Surgery and National Symposium on “Recent Trends in Surgical and Imaging Techniques for Enhancement of Productivity and Health Status of Farm and Pet Animals” to be held in College of Veterinary & Animal Sciences, Pantnagar, GBPUA&T, Uttarakhand w.e.f. February 24 to 26, 2022.
18. 4<sup>th</sup> National conference of Society of Veterinary and Animal Husbandry Extension on meristic approaches for livestock development - An extension call held on 6 to 8th May 2022 at DGCN COVAS Palampur

19. 45th Annual Congress of ISVS and National Symposium on “Computer Applications to Improve Surgical Outcomes in Pets and Livestock: Opportunities & Challenges” at the Department of Veterinary Surgery and Radiology, Maharashtra Animal and Fishery Sciences University, Nagpur (Maharashtra) from 11-13th January, 2023.

### Book/ Book Chapters

1.	Amit Kumar. 2022. The role of dogs in search and rescue. In Book, Management of Animals in Disasters by Subhash Verma, Hansen Thambi Prem (Editor). Springer Verlag, Singapore; 1st ed. 2022 edition (1 June 2022)
2.	Amit Kumar. 2018. First aid in dairy animals (डेयरी पशुओं में प्राथमिक उपचार). Compendium of lectures (आलेखसंग्रह) "डेयरीकृषक - उद्यमी": व्यवसायहेतुप्रशिक्षण (200 संपर्कघंटे) 13 नवंबर 2019 to 7 दिसंबर 2018. Page No 142
3.	Amit Kumar. 2018. Foot affections of dairy animals (डेयरी पशुओं में खुुर की समस्याए) (आलेखसंग्रह) "डेयरीकृषक - उद्यमी": व्यवसायहेतुप्रशिक्षण (200 संपर्कघंटे) 13 नवंबर 2019 to 7 दिसंबर 2018. Page No 141
4.	Amit Kumar. 2019. Radiographic positioning for veterinary patients” Training manual on Disease Diagnostic Protocols in Veterinary Medicine for Specialists (V.0 & S.V.0) of State Animal Husbandry Department of Himachal Pradesh. Page No 126-131.
5.	Amit Kumar. 2018. A Clinical Approach to Abdominal and Thoracic Radiography in Veterinary Practice. Book chapter in "Recent Advances in Treatment and Control of Animal Diseases". Page No 72-95.
6.	Amit Kumar. 2014. Ear Examination of the dog. A guide for Veterinary Practioners. Rachna Publications. Page No. 39-42
7.	Amit Kumar. 2014. Ocular emergencies. A guide for Veterinary Practioners. Rachna Publications. Page No. 43-50
8.	Amit Kumar. 2014. Urethral catheterization. A guide for Veterinary Practioners. Rachna Publications. Page No. 58-64
9.	Amit Kumar. 2014. Urethral retrograde urohydropropulsion in male dogs. A guide for Veterinary Practioners. Rachna Publications. Page No. 65-67
10.	Amit Kumar. 2014. Radiographic positioning. A guide for Veterinary Practioners. Rachna Publications. Page No. 137-141
11.	Seabuckthorn (Hippophae L.) A Multipurpose Wonder Plant Vol. V: Advanced Technologies for Cultivation, Processing, Health Protection and Environment Conservation (Page No. 183)
<b>Extension leaflets/folders/pamphlets</b>	
<ul style="list-style-type: none"> <li>Utilization of seabuckthorn in the healing and prevention of gastric erosions and ulcers in animals</li> </ul>	

### Awards/ Honours:

- Certificate of Honour in MVSc (Veterinary Surgery and Radiology)
- Certificate of Honour in PhD (Veterinary Surgery and Radiology)
- Best Paper in Large Animal Poster Session.** S. Imran S.P. Tyagi, **Amit Kumar** and Shivali Sharma.2010. Role of ultrasonography in diagnosis of pericarditis in cows. 34<sup>th</sup> Annual Congress of Indian Society for Veterinary Surgery and International symposium *on* Newer concepts on surgical techniques for farm and companion animal practiceat RGCVAS, Puducherry w.e.f. 08-10 Dec, 2010.



4. **Best Paper in Small Animal Poster Session.** Mitin Chanana, Adarsh Kumar, SP Tyagi, **Amit Kumar**, SK Sharma, Arvind Sharma and UB Farooq. 2014. End threaded intramedullary positive profile screw ended self-tapping pin – A cost effective novel field compatible innovation for management of long fractures in dogs. XXXVIII Annual Congress of Indian Society for Veterinary Surgery and National Symposium at College of Veterinary and Animal Sciences Bikaner, Rajasthan University of Veterinary and Animal Sciences, Bikaner, India from 15<sup>th</sup> to 17<sup>th</sup> November 2014.
5. **Appreciation Award in Anaesthesia Session.** Neha Kapil, Sandeep Kumar Sharma, Adarsh Kumar, **Amit Kumar** and Arvind Sharma. 2015. Clinical Evaluation of ketamine, propofol and ketamine-propofol admixture (Ketofol) for induction of anaesthesia in diazepam-butorphanol premedicated and isoflurane maintained dogs. 39<sup>th</sup> Annual Congress of ISVS and National Symposium on Recent Innovations in Diagnosis and Treatment of Surgical Disorders in Ruminants and Equines with particular applicability in Hilly Terrain” from 1-3 Sep, 2015 at Srinagar (J&K).
6. **Appreciation Award in Anaesthesia Session.** **Amit Kumar**, Adarsh Kumar, SP Tyagi, Arvind Sharma and Priyanka Thakur. 2016. Propofol and ketofol as general anaesthetic agent in diazepam pre-medicated and isoflurane anaesthetised dogs. 40<sup>th</sup> Annual Congress of Indian Society for Veterinary Surgery and National Symposium on Biomaterials and stem cells for tissue repair and regeneration in veterinary Surgery is being organized at Madras Veterinary College, Chennai, Tamil Nadu w.e.f. December, 02-04, 2016.
7. **Best Paper in Orthopedic Surgery Session.** S.P. Tyagi, Tejender Kumar, **Amit Kumar**, Jasmeen Kaur, Sakshi Patiyal and Adarsh Kumar. 2019. Anatomically contoured Intramedullary Interlocking nails for fixation of femoral and tibial fractures in canine and bovine. 43rd Annual Congress of Indian Society for Veterinary Surgery and National Symposium on “Recent advances on amelioration of anaesthetic and surgical stress in farm and companion animals” held at College of Veterinary Sciences, Lala Lajpat Rai University of Veterinary and Animal Sciences, Hisar w.e.f. 14 - 16 November, 2019
8. **Best Paper in Small Animal Poster Session.** Manisha. Thakur, Adarsh Kumar, Amit Kumar, S.P. Tyagi and Kanika Singh Surgical Management of Mandibular Fracture and Oral Tumours in Dogs. 43rd Annual Congress of Indian Society for Veterinary Surgery and National Symposium on “Recent advances on amelioration of anaesthetic and surgical stress in farm and companion animals” held at College of Veterinary Sciences, Lala Lajpat Rai University of Veterinary and Animal Sciences, Hisar w.e.f. 14 - 16 November, 2019
9. **Appreciation Award in Anaesthesia Session.** Adarsh Kumar, **Amit Kumar**, Mansi Bajaj, Sukti Naryal and SP Tyagi. 2019. Kitty Magic Anaesthesia for Cats. 43rd Annual Congress of Indian Society for Veterinary Surgery and National Symposium on “Recent advances on amelioration of anaesthetic and surgical stress in farm and companion animals” held at College of Veterinary Sciences, Lala Lajpat Rai University of Veterinary and Animal Sciences, Hisar w.e.f. 14 - 16 November, 2019
10. **Best Paper award** in 5th National Online Clinical Case Conference -2021 organised by Post graduate institute of Veterinary and Animal Sciences, Akola, Maharashtra on 29<sup>th</sup> Dec, 2021. Ashish Cristopher, Adarsh Kumar, Deepti Sharma, **Amit Kumar**, SP Tyagi and Shivani Jain. Surgical management of a giant tumour causing vascular compromise on the neck of a dog.

**11. Best Paper in Radiology and Imaging Session** Manpreet Singh, Amit Kumar, Adarsh Kumar, SP Tyagi, Rohit Kumar, Deepti Sharma and Ananya Goyal. Diagnosis and management of otitis externa. 44<sup>th</sup> Annual Congress of Indian Society for Veterinary Surgery and National Symposium on “Recent Trends in Surgical and Imaging Techniques for Enhancement of Productivity and Health Status of Farm and Pet Animals” to be held in College of Veterinary & Animal Sciences, Pantnagar, GBPUA&T, Uttarakhand w.e.f. February 24 to 26, 2022.

**12. Appreciation Award in Equine Surgery Session** Shivani Jain, Himanshu Damle, Adarsh Kumar, Amit Kumar, SP Tyagi, Ashish Cristopher, Deepti Sharma. Diagnostic and surgical management of colic in two horses. 44<sup>th</sup> Annual Congress of Indian Society for Veterinary Surgery and National Symposium on “Recent Trends in Surgical and Imaging Techniques for Enhancement of Productivity and Health Status of Farm and Pet Animals” to be held in College of Veterinary & Animal Sciences, Pantnagar, GBPUA&T, Uttarakhand w.e.f. February 24 to 26, 2022.

**13. Appreciation Award in Small Animal Poster Session** Sankalp Mahabalesh, Adarsh Kumar, Kalpana Thakur, Sara Kaushal, Amit Kumar, S.P. Tyagi. 2023. Clinical endodontics (rct) for restorative soundness of teeth in dogs. 45<sup>th</sup> Annual Congress of ISVS and National Symposium on “Computer Applications to Improve Surgical Outcomes in Pets and Livestock: Opportunities & Challenges” at the Department of Veterinary Surgery and Radiology, Maharashtra Animal and Fishery Sciences University, Nagpur (Maharashtra) from 11-13<sup>th</sup> January, 2023.

**Research projects handled/handling:**

Sr. No.	Title of the Project	Role	Funding source
1.	Development of field compatible orthopaedic implants for management of long bone fractures in small animals	(Co-PI)	HIMCOSTE (7.0 lakhs)
2.	Upgradation of advanced veterinary diagnostic services with particular reference to endoscopy in animals	(PI)	RKVY (21 lakhs)
3.	Strengthening the clinical armamentarium for treating referral clinical patients suffering with tumours and dental disorders	(Co-PI)	RKVY (33 lakhs)
4.	Consolidating Veterinary clinical delivery services by expanding diagnostic and therapeutic technologies for capacity building and transfer of adaptive technology to field Veterinary Hospitals.	(Co-PI)	RKVY (53.57 Lakhs)
5.	Strengthening Veterinary Clinical Services through capacity building and continual professional development of Veterinarian’s skill and transfer of adaptive technology to field veterinary hospitals.	(Co-PI)	RKVY
6.	Utilization of Seabuckthorn in the healing of gastric erosions and ulcers in animals.	(Co-PI)	NAIP-ICAR
7.	Studies on the efficacy of Seabuckthorn ( <i>Hippophae</i> sp.) on soft tissue repair with particular reference to cutaneous wounds, burns and gastric ulcers.	Research Associate	NATP-ICAR

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