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Research:

1. List of Research Projects/Agency Scheme: Completed

Sr. No.	Project	Funding Agency	Total Cost of the project (Rs in Lakh)	Duration	Completed& Ongoing
1	Improvement of Diagnostic Skill and Surgical Art of Field Veterinarians for Maintenance of Production and Health of Livestock Through Laparoscopy Diagnosis and Treatment	RKVY	299	2011-13	Completed
2	Evaluation of efficacy of Natural remedies product NR/JC/01 in dogs with osteoarthritis as Principal Investigator	Natural Remedies	3.36 lakhs	2018-19	Completed
3	Evaluation of efficacy of Natural remedies product NR/TP/01 spray for the management of wounds in dogs as Co-Principal Investigator	Natural Remedies	3.52 lakhs	2018-19	Completed
4	Studies on efficacy of appetizer, anti-inflammatory, hematinic and acaricidal herbal preparations in clinical surgical cases of dogs	Indian Herbs	3,85,840=00	2018-19	Completed

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Ongoing Projects:

Sr. No.	Project	Funding Agency	Total Cost of the project (Rs in Lakh)	Duration	Ongoing
1	ABC programme for Cats in Collaboration with BMC as Co-Coordinator	BMC	1200/Dog	2017-2018	Ongoing
2	ABC programme for Cats in Collaboration with BMC as Coordinator	BMC	900/Cat	2018-2019	Ongoing

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2. List of Private Agency Projects:

Sr. No.	Project	Funding Agency	Total Cost of the project (Rs in Lakh)	Duration	Completed& Ongoing
2	Evaluation of efficacy of Natural remedies product NR/JC/01 in dogs with osteoarthritis as Principal Investigator	Natural Remedies	3.36 lakhs	2018-19	Completed
3	Evaluation of efficacy of Natural remedies product NR/TP/01 spray for the management of wounds in dogs as Co-Principal Investigator	Natural Remedies	3.52 lakhs	2018-19	Completed
4	Studies on efficacy of appetizer, anti-inflammatory, hematinic and acaricidal herbal preparations in clinical surgical cases of dogs	Indian Herbs	3,85,840=00	2018-19	Completed

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3. Research Priorities:

Sr. No.	Research Area	Aim	Objective	Benefits of Farmers
1	Minimally Invasive Surgery in Small animals	1. TO ESTABLISH CENTRE OF EXCELLENCE IN MINIMALLY INVASIVE SURGERY	1. To develop different minimal invasion techniques in small and large animals for diagnosis and treatment of differed body systems	1. Cost effective and easily applicable Minimal invasive technique for solving problems of production and health to Pet and Animal lovers, farmers etc.
2	Small and Large Animal Soft Tissue Surgery	TO ESTABLISH CENTRE OF EXCELLENCE IN SMALL AND LARGE ANIMAL SOFT TISSUE SURGERY	To develop different surgical techniques in small and large animals for treatment of differed body systems	Cost effective and easily applicable surgical technique for solving problems of production and health to Pet and Animal lovers, farmers etc.
3	Surgeries of Musculo-skeletal system	TO ESTABLISH CENTRE OF EXCELLENCE IN ORTHOPAEDICS	To develop different surgical techniques in small and large animals' surgical treatment of Musculo skeletal system systems	Cost effective and easily applicable surgical techniques in small and large animals surgical treatment of Musculo skeletal system systems.
4	Small and Large Animal Anaesthesia	TO ESTABLISH CENTRE OF EXCELLENCE IN SMALL AND LARGE ANIMAL ANAESTHESIA	To develop different Anaesthetic techniques in small and large animals	Cost effective and easily applicable Anaesthetic techniques for solving problems of production and health of Pets belonging to Animal lovers, farmers etc.

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5	Ophthalmic and dental surgeries in small animals	TO ESTABLISH CENTRE OF EXCELLENCE IN OPHTHALMIC AND DENTAL SURGERIES IN SMALL ANIMALS	To develop different Ophthalmic and dental surgeries in small animals	Cost effective and easily applicable Ophthalmic and dental surgeries in small animals for solving problems of belonging Pet and Animal lovers, farmers etc.
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3. Thesis:

M. V. Sc.:

Surgery and Radiology:					
Sr. no.	Name of the Student	Year	Title of thesis	Name of the guide	Current Status
1	Dinyar S. Wadia	1963	A comparative study of the various methods of suturing split teats in goats.	Dr. S. R. Hattangady	
2	Raghu N. Kohli	1963	Clinical studies following surgically created small bowel obstruction in the dogs	Dr. S. R. Hattangady	
3	Ravirala L. N. Rao	1963	Post scrotal urethrotomy in dogs.	Dr. S. R. Hattangady.	
4	K. L. Kulkarni	1963	Evaluation of Nembutal anaesthesia by various route in dogs.	Dr. S. R. Hattangady	
5	Krishna S. Deshpande	1965	A study of traumatic reticulites with reference to etiology, diagnosis and surgical treatment.	Dr. S. R. Hattangady	
6	M. L. Kudale	1965	An intestinal pedicle for correcting defects of the wall of urinary bladder (In Dogs)	Dr. S. R. Hattangady	Retd. Asso. Professor, HOD,MVC
7	P. A. Deore	1965	Conduction anaesthesia blocking of the sciatic nerve in cattle.	Dr. S. R. Hattangady	
8	K. G. Awachat	1967	A study of anaesthesia of the bovine eye and its associate structures.	Dr. S. R. Hattangady	
9	Hari R. Kusurkar	1967	Aural resection in dogs a comparative study of the various surgical technique	Dr. S. R. Hattangady	
10	Madan B. Mantri	1967	Conjunctival keratoplasty in the treatment of corneal injuries in canines.	Dr. S. R. Hattangady	Retd. Asst. Professor, HOD,MVC
11	P. O. George	1968	A study on mid cervical oesophagotomy in dogs.	Dr. S. R. Hattangady	
12	M. J. Mahajan	1969	A technique of immediate tube pedicle grafting on stifle carpal joint regions in dogs	Dr. S. R. Hattangady	
13	A. K. Mitra	1969	The use of intestinal pedicle and omental grafts in hepato-lobectomy in dogs	Dr. S. R. Hattangady	

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14	Ramkrishna B. Namdas	1969	Partial or complete removal of genitalia with uretrotomy in bitches.	Dr. S. R. Hattangady	
15	P. J. Philips	1970	Hernioplasty in ventral hernia in animals	Dr. S. R. Hattangady	
16	Jayant G. Diwan	1971	Clinical evaluation of experimental tenorrhaphy technique on the superficial digital flexor of fore limb in cattle.	Dr. S. R. Hattangady	Retd. Asso. Professor, MVC
17	Gurdial Singh	1971	A study of various methods of anaesthetizing the brachial plexus in bovines.	Dr. S. R. Hattangady	
18	Bhaskar R. Patil	1972	Some observation on experimental pulmonary lobectomy in the dogs	Dr. S. R. Hattangady	
19	Shrirang N. Jambigi	1972	A study on experimental vascular surgery in dogs, with special reference to reparative procedures and process of repair.	Dr. S. R. Hattangady	
20	Jayaram D. Karmarkar	1973	Experimental studies of surgical techniques on canine prostate.	Dr. K. S. Deshpande	
21	Madhav K. Jadhav	1973	Experimental studies on transthoracic oesophageal resection and its anastomoses in canine with special reference to suturing technique.	Dr. K. S. Deshpande	
22	U. R. Ashtekar	1974	Experimental studies on heterogenous intramedullary bone grafting in small animal.	Dr. K. S. Deshpande	
23	Vasant S. Patil	1974	Experimental studies on ablation of external ear canal vis-a-vis lateral resection of ear canal in canine.	Dr. K. S. Deshpande	
24	Arun P. Bhokre	1975	Experimental studies on anaesthesia and relaxation of bovine penis with specific reference to pudic nerve blocks and epidural anaesthesia	Dr. K. S. Deshpande	Retd. Asso. Professor, MVC
25	Manohar T. Akole	1976	A study on pre and post operative BUN levels along with urinalysis, haematology and liver function test in relation to their prognostic significance in different surgical condition in canine.	Dr. K. S. Deshpande	
26	Shriniwas E. Deshmukh	1977	A study on evaluation of 3 different technique of internal pudental nerve block for anaesthesia of penis and relaxation of retractor penis muscle in	Dr. K. S. Deshpande	

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			bulls.		
27.	Veena Kudale	1977	Experimental studies on autogenous and homogenous lamellar corneal grafting in bovine.	Dr. K. S. Deshpande	
28	Chandrakant C. Wakankar	1977	Experimental studies on autogenous rumen fistulation and different types of plugs and cannula used therein in bovines.	Dr. K. S. Deshpande	Retd. Asso Professor, HOD, MVC
29.	Jalis H. Kazi	1978	Comparative evaluation of approaches for experimental diaphragmatic herniorrhaphy in dogs.	Dr. M. L. Kudale	Retd. VO
30	Prakashkumar C. Zambre	1978	Experimental autogenous and homogenous penetrating corneal transplantation in bovines	Dr. M. L. Kudale	Retd. DCAH
31	Nadaeajah Shivabalan	1979	Evaluation of different method of treatment in interdigital skin hyperplasia in cattle.	Dr. M. L. Kudale	
32	Manmat G. Kanade	1979	Clinical evaluation of four surgical methods for repair of umbilical hernia in crossbred.	Dr. M. B. Mantri	
33	Haroon S. Sayed	1979	Comparative evaluation of caudal epidural anaesthesia and internal pudental nerve block in bovine females.	Dr. M. L. Kudale	
34	Purushottom B. Adsul	1980	Comparative evaluation of Nembutal, Intraval sodium, combination of both and ketamine HCl anaesthesia.	Dr. M. L. Kudale	Retd, Asso. Professor, MVC
35	Avadhut M. Kelkar	1980	A study of serum calcium, inorganic phosphorus and alkaline phosphatase levels with and without supportive therapy clinical cases of fractures in goats.	Dr. M. B. Mantri	Retd. DCAH, MH
36	Sara Koshi	1980	Surgical and clinicopathological studies in induced high intestinal obstruction in canines.	Dr. K. S. Deshpande	USA Practitioner
37	Shivshankar M. Usturge	1981	Experimental study on thoracopericardiotomy and pericardiotomy in buffalo calves	Dr. J. G. Diwan	Retd. Dean, KAPSU
38	Ravindranath J. Talele	1981	Comparative evaluation of different approaches to fundic abomasotomy in bovines.	Dr. M. L. Kudale	
39	P. R. Zambre	1981	Comparative evaluation of three commonly used tranquilizers in cattle.	Dr. M. L. Kudale	Retd, Professor
40	Balasaheb A. Mulay	1981	Comparative evalution of regional anaesthesia of	Dr. M. B. Mantri	Retd. RVC

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			flank in bovines.		
41	Ms. Marilyn A. Estibeiro	1983	Experimental studies on halothane anaesthesia in canines.	Dr. M. B. Mantri	Pet Practitioner
42	Das K. Patil	1985	Experimental studies on partial liver lobectomy in dogs	Dr. M. L. Kudale	Pet Practitioner
43	Chandravadan L. Badgujar	1985	Experimental studies on unilateral nephrotomy and nephrectomy in dogs	Dr. M. B. Mantri	Retd. Asso. Professor, Udgir
44	Ms. Sunita B. Patel	1986	Comparative study on halothane and fluether (halothane-ether azeotrope anaesthesia in canines).	Dr. J. G. Diwan	Pet Practitioner
45	Ms. Leena Dalal	1986	Plain and contrast radiography of urinary tract in experimental dogs.	Dr. C. C. Wakankar	Pet Practitioner
46	Amarsingh R. Mahale	1986	Comparative evaluation of three different Techniques of analgesia of goat's udder.	Dr. C. C. Wakankar	Retd, RVC
47	Rajendra V. Dhumal	1986	Clinical evaluation of epidural anaesthesia in canines	Dr. M. B. Mantri	Retd. Colonel, RVC
48	T. M. Paranjpe	1986	Clinical evaluation of ketamine HCl as a safe general anaesthesia in dogs	Dr. M. L. Kudale.	
49	Pheroj T. Khambata	1987	Experimental study on spinal cord compression in dogs	Dr. C. C. Wakankar	Equine Surgeon
50	Prakash N. Wagh.	1987	Experimental study on cystorrhaphy in buffalo calves	Dr. J. G. Diwan	Zoo, Pune
51	Shriniwas V. Vishvasrao.	1987	Use of free full thickness & pinch grafts in the treatment of cutaneous wounds in clinical & experimental cases in dogs.	Dr. M. B. Mantri	Retd. Asst. Professor, MVC
52	Ms. Nitya S. Ghotge	1988	Clinical evaluation of anaesthesia in cats using ketamine HCL alone & in combination with different preanaesthetics.	Dr. M. B. Mantri	
53	Ms. Kerman P. Dubash	1988	An evaluation of three surgical techniques of sterilization in bitches.	Dr. M. L. Kudale	USA Practitioner
54	Vishnu E. Narawade	1988	Comparative evaluation of different surgical techniques for repair of aural hematoma in dogs.	Dr. J. G. Diwan	Asso. Professor

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55	Francesca J. Pereira	1989	A study on induced cases of foreign body syndrome in bovines	Dr. M. B. Mantri	Pet Practitioner
56	Vasantrya L. Raje	1989	Comparative evaluation of three general anaesthetics in goats.	Dr. J. G. Diwan	Retd. RVC, Major
57	Dinesh U. Lokhande	1989	An experimental study on use of buffalo horn plates for tibial fracture in buffalo bull calves & its comparison with stainless steel plates.	Dr. C. C. Wakankar.	Retd. Asst. Professor, HOD, MVC
58	Balu P. Hon	1990	Comparative evaluation of three surgical techniques for management of utero-vaginal prolapse in buffaloes.	Dr. J. G. Diwan	Retd. RVC, Major
59	Sanjay. G. Gaikwad	1990	A study on bovine ocular disorders in Konkan region.	Dr. C. C. Wakankar.	Retd. ACAh, MH
60	M. M. Shinde	1990	Study of experimentally induced intestinal obstruction & strangulation in buffalo calves.	Dr. M. B. Mantri	Retd, DCAH, MH
61	Chirag B. Dave	1992	Clinico-surgical study of urolithiasis in canines.	Dr. M. B. Mantri	Pet Practitioner
62	Shirish. V. Upadhye	1992	Studies on corneal transplantation (ketopsy) in bovines.	Dr. C. C. Wakankar.	Dean, MAFSU
63	E. R. Mahaverkar	1992	A study on caesarean section in clinical cases of dystokia in buffaloes.	Dr. J. G. Diwan	IG
64	Bhausahab A Daule.	1993	Use of preserved full thickness corneal grafts in bovines.	Dr. C. C. Wakankar	LDO, MH
65	Hanumant G. Ghanawat	1993	Comparative study of various approaches for ovariohysterectomy in cats using two anaesthetic combinations.	Dr. M. B. Mantri	Pet Practitioner
66	Vishwas R. Bhagwat	1994	Use of split thickness & pinch grafts in the treatment of cutaneous wounds in clinical cases in dogs.	Dr. M. B. Mantri	Retd. LDO
67	Ms. Shelpa G. Satam	1994	Comparative study of various approaches of oophorectomy in dogs using the combination of xylazine HCL & Local anaesthesia.	Dr. M. B. Mantri	
68	L. D. Pawar	1995	A study on perineal hernia with relation to surgical repair in dogs.	Dr. C. L. Badgujar	Asst. Commission

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69	Ms. Anita B. Unhale	1995	Evaluation of different technique of pedicle grafting namely single advancement flap technique, V to Y plasty technique & multiple punctuate relaxing incisions in treatment of clinical cases of wounds in dogs.	Dr. S. V. Vishwasrao	Vet Surgeon
70	V. M. Chariar	1995	Ultrasonography in the evaluation of canine prostatic disease.	Dr. C. C. Wakankar	Retd. Professor, MVC
71	Gajendra S. Khandekar	1995	Comparison of Lignocaine, xylazine & lignocaine/xylazine combined for caudal epidural anaesthesia in experimental buffalo calves	Dr. M. B. Mantri	Asst. Professor, HOD, MVC
72	Vidya Shankarnarayanaa	1996	Study of technique of vasectomy in lions (<i>Panthera leo</i>)	Dr. S. V. Vishwasrao	Pet Practitioner
73	Ms. Mukhavilli	1996	Study on anaesthesia for vasectomy in Asiatic lions (<i>Panthera leo</i>)	Dr. C. L. Badgujar	Pet Practitioner
74	Quadri S. Mansoor	1996	A study of ocular disorders in canines with special reference to corneal ulcer and its surgical treatment.	Dr. S. V. Vishwasrao	LDO, MH
75	Ms. Nilima V. Paranjpe	1997	Study on computed axial tomography of thoracolumbar spine in canines (T ₁₁ -L ₁ segment)	Dr. C. C. Wakankar	Pet Practitioner
76	Satyendranath B. Chavan	1997	Comparison between modified Zepp's method of aural resection and the pull through technique for the vertical canal ablation for the treatment of otitis externa in canines	Dr. C. C. Wakankar	LDO, MH
77	Ms. Nasnin P. Antia	1998	Comparative study of mid-line vs flank approach, chlorpromazine HCL vs acepromazine maleate and suture patterns for ovariohysterectomy in canines-A clinical study	Dr. S. V. Vishwasrao.	Pet Practitioner
78	D. K. Bhagat	1998	Comparative evaluation of healing of femoral fracture by using intra medullary stainless-steel pin and horn peg as an orthopedic implant in canine-A clinical study	Dr. L. B. Sarkate	Vo, J&K

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79	Aditya S. Dhopatkar	1998	A comparative clinical study on midazolam, triflupromazine and xylazine as pre-anaesthetic sedative to ketamine anaesthesia in cats	Dr. C. L. Badgujar	Pet Practitioner
80	Manojkumar B. Adsul	1999	Clinical Evaluation of Detomidine and Xylazine as a Preanaesthetic Sedative and Analgesic Prior to Local Infiltration Anaesthesia for Castration in Horses.	Dr. L. B. Sarkate	Equine Surgeon
81	S. K. Virkar	1999	Comparative study on repair of long bone fracture by using polyvinylchloride moulds& plaster of Paris in goats	Dr. L. B. Sarkate	LDO, MG
82	Anand A. Patil.	1999	Studies on anaesthetic properties of propofol in canines	Dr. L. B. Sarkate	Sr. VO, Karnataka
83	Kevin Peter D'mello.	1999	Surgical management of bovine urolithiasis - Clinical study.	Dr. C. L. Badgujar	
84	Ms. Yogenda. B. Khare	2000	A study on canine mammary gland neoplasia and its surgical management	Dr. C. L. Badgujar	Pet Practitioner
85	Krishna S. Udmale	2000	Study on practical utility of propofol for induction and maintenance of general anaesthesia in critically ill patients	Dr. L. B. Sarkate	
86	Ms. A. G. Almeida	2000	A study on sub-mucosal resection & surgical excision of tumor en-masse in clinical cases of transmissible venereal tumor in canines	Dr. S. V. Vishwasrao	Pet Practitioner
87	Kishore V. Mahind	2000	Ultrasonographic diagnosis and surgical management of disease of uterus in canines	Dr. L. B. Sarkate	Pet Practitioner United Kingdom
88	Ms. Prashanti Raj	2001	Comparative Study of Lipid and Lipid-Free Propofol for Induction and Maintenance of Anaesthesia in Canines.	Dr. D. U. Lokhande	Pet Practitioner
89	Ms. Pradhnya P. Khandkar	2001	Studies on lipid free propofol anaesthesia with xylazine, acepromazine, pentazocine as pre-anaesthetic in cats	Dr. C. L. Badgujar	Pet Practitioner
90	Ravindra D. Mali.	2001	Evaluation of acepromazine maleate as pre-anaesthetic prior to local anaesthesia in equine	Dr. L. B. Sarkate	Asst. Commission

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91	Sanjay K. Tripathi	2001	A clinical study on xylazine- ketamine anaesthesia and its reversal in tigers	Dr. L. B. Sarkate	Director, zoo, Byculla
92	Komal Kumar	2003	Studies on castration in deer using xylazine- ketamine anaesthesia	Dr. L. B. Sarkate	VO, Punjab
93	D. A. Jagtap	2003	Use of lipid free propofol in day care surgery in canines	Dr. L. B. Sarkate	Retd. LDO
94	Komal S. Chaudhari	2003	Use of xylazine HCL and bupivacaine HCL for epidural anaesthesia in canines	Dr. C. L. Badgujar	Pet Practitioner
95	Chaitanya S. Lele	2003	A preliminary study of ultrasound images of the abdominal organs of canines	Dr. D. U. Lokhande	Pet Practitioner
96	Ms. Natasha W. Couto	2003	Evaluation of propofol-midazolam and propofol-pentazocine combination in healthy swine- haematological, cardiac, renal and hepatic study	Dr. G. S. Khandekar	Pet Practitioner
97	Ms. Bhagyashri P. Shende	2003	Evaluation of propofol for induction and maintenance of anaesthesia in swine- a clinical study	Dr. L. B. Sarkate	Asso. Professor, NVC
98	Santosh M. Tripathi	2003	Use of propofol for castration in equines	Dr. D. U. Lokhande	Asso. Professor, MVC
99	Shrikant V. Patil	2004	A clinical study on surgical disorders of oral cavity in canines	Dr. L. B. Sarkate	VO, Gokul
100	Santosh S. Raut	2004	Clinical evaluation of propofol in short surgical procedures in equines	Dr. D. U. Lokhande	LDO, ,MH
101	Ms. Shalaka P. Salvekar	2004	Clinical evaluation of clear solution of propofol in cats.	Dr. G. S. Khandekar	Professor, KNPCoVS
102	Vinay Chaturvedi	2005	A Comparative Study on Evaluation of Diazepam and Midazolam Prior To Xylazine Ketamine Anaesthesia for Gelding in Equines.	Dr. L. B. Sarkate	Scientist, Agra
103	Ms. Aparna. H. Tikekar	2005	A clinical study on internal fixation for stabilization of avian long bone fractures.	Dr. D. U. Lokhande	Pet Practitioner
104	Sachin S. Vende		Comparative Study on Propofol and Ketamine Anaesthesia in Equine Gelding.	Dr. G. S. Khandekar	LDO, MH

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105	Ms. Lobo Nerissa Domnica Rosemary	2006	A Clinical Study on The Incidence of Periodontal Disease in Canines and Its Surgical Treatment	Dr. L. B. Sarkate	Pet Practitioner
106	Sanmat Jain	2006	A Clinical Study on Standardization of Midazolam Dose in Combination with Xylazine Ketamine Anaesthesia for Equine Gelding	Dr. D. U. Lokhande	Pet Practitioner
107	Shahir V. Gaikwad	2006	Evaluation of Acepromazine Maleate in Combination with Xylazine-Ketamine Anaesthesia in Equines for Gelding	Dr. G. S. Khandekar	Asso. Professor, MVC
108	Ms. Kasturi C. Bhadsavle	2006	A Clinical Study on Cataract in Canine with Special Reference to Extracapsular Lens Extraction	Dr. L. B. Sarkate	Pet Practitioner
109	Vikram. N. Dave	2007	Assessment of Hydroxyapatite, as a Bone Substitute Product in cases of Tibial Defect in Rabbits	Dr. L. B. Sarkate	Pet Practitioner
110	Amit. A. Patil	2007	Evaluation of Yohimbine and Doxapram for the Reversal of Diazepam-Xylazine-Ketamine Anaesthesia In Equines	Dr. D. U. Lokhande	Pet Practitioner
111	Dronacharya J. Patil	2007	Comparative Study of Titanium and Titanium Wollastonite Coated Implants for Bone Healing in Tibial Defect in Rabbits	Dr. G. S. Khandekar	Pet Practitioner
112	Ms. Davina Trindade	2008	A study of Ultrasonography to detect soft tissue disorders in relation to clinical findings in canines	Dr. L. B. Sarkate	Pet Practitioner
113	Deepak S. Kadam	2008	A Study of Different Balanced Anaesthetic Technique for Major Surgery in Dogs	Dr. D. U. Lokhande	Pet Practitioner
114	Sachin R. Sonawane	2008	Evaluation of safe and balanced anaesthetic technique in cat surgery	Dr. G. S. Khandekar	Equine surgeon, Dubai
115	Ms. Sneha Tatelu	2009	Laparoscopic Vasectomy in Dogs: A Comparison Between Clip Application and Electro coagulation	Dr. L. B. Sarkate	Sr. VO, MCGM
116	Ms. Komal V. Powar	2009	A Clinical Study on Extra Capsular Cataract Extraction and Intraocular Lens Implantation in Canines	Dr. D. U. Lokhande	VO, MCGM
117	Ms. Nisha H. Moru	2009	Laparoscopic Examination and Laparoscopic Sterilization In Cats	Dr. L. B. Sarkate	VO, MCGM
118	Vinod Kadapatti	2010	A Clinical Study of Acepromazine and Xylazine in	Dr. D. U. Lokhande	VO,

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			Combination with Ketamine Anaesthesia for Vasectomy in Deer		Karnataka
119	Kiran Bendale	2010	Evaluation of Anaesthetic Techniques for Laparoscopic Ovariectomy In Dogs - A Clinical Study	Dr. G. S. Khandekar	Scientist, AIRECT
120	Ms. Dipti Bhalerao	2010	Comparative studies of plate-rod construct and bone plate for long bone fractures in canines	Dr. D. U. Lokhande	Pet Practitioner
121	Ms. Noopur C. Desai	2010	Clinical studies of two imaging techniques for the diagnosis of upper digestive tract disorder in dogs	Dr. D. U. Lokhande	Pet Practitioner
122	Ms. Zenobia R. Chinoy	2011	A Comparative Study of Myelography on Conventional Radiographs and Digital Computed Radiography (CR) for Diagnosis of Spinal Cord Disorders in Canines	Dr. D. U. Lokhande	Pet Practitioner
123	Jodumoni Kachari	2011	A Comparative Study of Halothane and Sevoflurane for Maintenance of Anaesthesia in Canines	Dr. D. U. Lokhande	Asst. Professor, Guwahati
124	Agivale Satyawar M.	2011	Comparative Evaluation of Isoflurane and Triple drip of Xylazine, Ketamine, Guaiphenesin for maintenance of anaesthesia in Equines During different Diagnostic and Surgical Procedures.	Dr. G. S. Khandekar	Asst. Professor, KNPCOVS
125	Ms. Kulkarni Mugdha Vijay	2012	Laparoscopic Ovariectomy in dogs: A Comparison between Single portal and two portal access.	Dr. G. S. Khandekar	Pet Practitioner
126	Raibole Dharmraj Purushottam	2012	Comparative study of conventional method and laparoscopic assisted technique for cryptorchidectomy in dogs.	Dr. G. S. Khandekar	Pet Practitioner
127	Coutinho Natasha Rachel	2012	Evaluation of interlocking nail for the use of long bone fracture repair in dogs: a clinical study	Dr. D. U. Lokhande	VO, Goa
128	Pawar Ashish Ashokrao	2013	Evaluation of haemostatic techniques in laparoscopic ovariectomy in dogs and rabbits	Dr. G. S. Khandekar	VO
129	Chavan Sharad Ratnakant	2013	Evaluation of Locking Compression plate system for long bone fracture repair in dogs: A clinical study.	Dr. D. U. Lokhande	Pet Practitioner
130	Navale Shital Laxman	2013	A comparative study of two different Anaesthetic combinations for Ovariohysterectomy in Critically	Dr. D. U. Lokhande	Asst. Commission

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			ill pyometra cases in dogs.		er AH
131	Ms. Durga Thakur	2013	Laparoscopic-assisted Ovariohysterectomy versus traditional methods of Ovariohysterectomy in dogs under Propofol-Isoflurane anaesthesia	Dr. G. S. Khandekar	Pet Practitioner
132	Ms. Nadkarni Nameeta Nitin	2014	Comparative Study Between Laparoscopic Assisted and Conventional Cystotomy in Dogs	Dr. G. S. Khandekar	Pet Practitioner
133	Shreyas B Raj	2014	Effect Of Butorphanol Tartrate In Combination With Xylazine And Ketamine Anaesthesia For Single And Double Incision In Gelding	Dr. D. U. Lokhande	VO, Karnataka
134	Ms. Thakare Sneha Trambak	2014	A Study of Pedicle Graft (Skin Flap) for repair of extensive wounds in Canines	Dr. D. U. Lokhande	Pet Practitioner
135	Ms. Sohal Ruhi Ranbeer Singh	2014	Comparative Study on Laparoscopically Assisted Gastropexy and Belt Loop Gastropexy in Canines – A Clinical Study	Dr. G. S. Khandekar	Pet Practitioner
136	Maneesh Kumar Tiwari	2015	Comparative Evaluation of Butorphanol Tartrate and Propofol as Constant Rate Infusion in Laparoscopic Ovariectomy in Canine	Dr. K. S. Chaudhari	VO, MP
137	Sawant Niharika Ashok	2015	Clinical Evaluation of Full Thickness Skin Mesh Grafts for Repair of Superficial Wounds in Dogs	Dr. D. U. Lokhande	Pet Practitioner
138	Tenzing Dorjee Sherpa	2015	Comparison Of Isoflurane and Sevoflurane in Dexmedetomidine-Propofol Induced General Anaesthesia for Laparoscopic Ovariohysterectomy in Cat	Dr. G. S. Khandekar	VO, Sikkim
139	Vedpathak Aakash Pradeep	2015	A Clinical Study on The Use of Conjunctival Pedicle Graft for The Treatment of Corneal Ulcers in Canine	Dr. S. D. Tripathi,	Pet Practitioner
140	Juneja Pooja Sunil	2016	Comparative Evaluation of Percutaneous Cystoscopy and Laparoscopic Assisted Cystotomy for Cystic Calculi in Canine	Dr. K. S. Chaudhari	Pet Practitioner
141	Shivanand Murugendra Biradar	2016	Comparison of Butorphanol and Acepromazine as Preanaesthetics in Equine Gelding under Xylazine-Ketamine anaesthesia in Field conditions	Dr. S. D. Tripathi	V.O, Karnataka

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142	Santosh Bhikaji Walvekar	2016	Diagnosis And Treatment of Teat Canal Affections by Theloresectoscopy in Ruminants	Dr. G. S. Khandekar	Pet Practitioner
143	Datir Anil Appasaheb	2017	Evaluation Of Sub-Xiphoid and Midlateral Intercostal Thoracoscopy Examination Under Propofol-Isoflurane and Ketamine-Isoflurane Anaesthesia in Dogs	Dr. G. S. Khandekar	Pet Practitioner
144	Silveira Maria Sera	2017	Comparative Evaluation of Full Thickness Skin Mesh Graft with Stay Sutures and Pedicle Graft (Advancement Skin Flap) For Repair of Extensive Wounds in Canines	Dr. D. U. Lokhande	Pet Practitioner, Goa
145	Thomas Eunice George	2017	A Comparative Evaluation of Conventional and Laparoscopic-Assisted Technique for Gastro-Intestinal Affections in Dogs	Dr. S.D. Tripathi	Pet Practitioner
146	Pai Tanaya Paresh	2018	Clinical evaluation of effect dental scaling and polishing on periodontal disease in dogs	Dr. G. S. Khandekar	Pet Practitioner
147	Pai Shivangi Devdas	2018	A comparative Study of Perineal herniorrhaphy by transposition and conventional technique in dog	Dr. D. U. Lokhande	Pet Practitioner
148	Sayyed Mohd. Danish	2019	Efficacy of dexmedetomidine- ketamine- butorphanol and dexmedetomidine-ketamine-propofol for laparoscopic gastropexy in dogs	Dr. S.D. Tripathi	LDO
149	Adarsh Bijapur	2019	Comparative Study on Repair of Long Bone Fracture using Low Dentisry Polypropylene (LDPP) spling and Fiberglass Cast in Dog	Dr. G. U. Yadav	Pet Practitioner
150	Ms. Gulvady Akshata C	2019	Clinical evaluation of Total Laparoscopic gastropexy in Dog	Dr. S.D. Tripathi	Pet Practitioner
151	Ms. Vishwasrao Madhura S.	2019	Clinical evaluation of Preanesthetic combination in conjunction with propofol-isoflurane anaesthesia for laparoscopic surgery of Dogs	Dr. G. U. Yadav	Pet Practitioner
152	Ms. Athale Rasika M	2019	Surgical management of obstructive uropathy in tom cats	Dr. D. U. Lokhande	Pet Practitioner
153	Ms. Arora Jaimini R.	2019	Study on clinical management of pleural effusion by thoracocentesis and implanted. pleural port in small	Dr. G. S. Khandekar	

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			animals		
154	Kaustubh Vishnupanth Anturkar	2021	Comparison of Single Incision Laparoscopic Surgery (SILS) technique with two port technique for laparoscopic ovariectomy in canines	Dr. S. V. Gaikwad	Pet Practitioner
155	Kamat Nirali Milind	2021	Comparison of diamond burr debridement with soft contact bandage lens and corneo-conjunctival transposition for treatment of corneal ulcer in dog	Dr. G. S. Khandekar	Pet Practitioner
156	Bishnoi Shravani Sanjay	2021	Evaluation of stress indicators in laparoscopic and conventional ovariectomy in dogs	Dr. S. D. Tripathi	Pet Practitioner
157	Pratyush Dinesan	2021	Endoscopic Study on Surgical Affections of stomach and duodenum in dogs	Dr. G. U. Yadav	Pet Practitioner
158	Priya Datta Kale	2022	Comparative efficacy of Zolazepam and Tiletamine with Midazolam and Ketamine for abdominal surgeries in dogs	Dr. D. U. Lokhande	Pet Practitioner
159	Mate Rahul Yashavant	2022	Clinical evaluation of conventional and laparoscopic assisted herniorrhaphy in small animals	Dr. S. D. Tripathi	Pet Practitioner
160	Janhavi Girish Bapat	2022	Studies of amputation of limb and use of stump socket prosthesis in dogs	Dr. G. U. Yadav	
161	Nikhil babar	2022	Evaluation of Xylazine-Tiletamine-Zolazepam anaesthesia in horses under field conditions	Dr. G. S. Khandekar	Equine Surgeon, WRTC
162	Sawant Rutuja Laxman	2023	Comparative Evaluation of Bioglass and Polymethylmethacrylate for Long Bone Fractures with Bone Loss in the Dog	Dr. G. U. Yadav	Pet practitioner
163	Harmandeep Singh	2023	Comparative Evaluation of Radiographic, Ultrasonographic & Per-Rectal Examination of Prostatic Disorders in Labrador Retrievers	Dr. S. D. Tripathi	Pet Practitioner
164	Alisha Desai	2023	A Clinical Study of Tilapia Fish Skin as a Biological Dressing Material for the Treatment of Open Wounds in Dog	Dr. D. U. Lokhande	Pet Practitioner

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165	Patil Harshal Rajendra	2023	Clinical Effect of Carbon Dioxide Pneumoperitoneum on Cardiac Function in Dogs Undergoing Laparoscopic Ovariohysterectomy	Dr. G. S. Khandekar	Ph. D Scholar
166	Kunal Manoj Kumar Sharma	2024	Management of surgical affections of high-rise syndrome in feline	Dr. S.D. Tripathi	Pet Practitioner
167	Potdar Akanksha Deepak	2024	Clinical Evaluation of Full Thickness Fresh and Preserved Corneal Grafts for Correction of Corneal Affections In Canine	Dr. S.V. Gaikwad	LDO
168	Goutham Gopakumar	2024	Surgical Management of Abdominal Hernia Using Laparoscopic Techniques in Small Animals	Dr. G.S. Khandekar	Pvt. Practice
169	Aditya Patil	2025	To evaluate the effectiveness of dexmedetomidine-midazolam and Tiletamine- Zolazepam as preanaesthetic for proposal anaesthesia for various CT studies in dogs	Dr. S.D. Tripathi	Pvt. Practice
170	Manik Jadhav	2025	To compare efficacy of pressure-controlled ventilation (PCV) and Volume controlled ventilation (VCV) in cats undergoing thoraco-abdominal surgical correction undergoing propofol anaesthesia	Dr. S.V. Gaikwad	Pvt. Practice
171	Omkar Mishra	2025	Comparison and evaluation of different Diagnostic imaging techniques in small animals for the urinary system	Dr. R. R. Rohi	Pvt. Practice
172	Simran Josan	2025	Ultrasonographic biometry and clinical evaluation of ocular affections in Persian and non-descript cat	Dr. G S Khandekar	Pvt. practice

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4. Doctoral Thesis:

Name of Department:				
Sr no.	Name of the Student	Year	Title of thesis	Name of the Guide
1	Dr. Wakankar, C. C.	1996	Studies on CEHPC in canine with special reference to prognostic evaluation and therapeutic regimen in canine	Dr. M. L. Kudale
2	Dr. Vishwasrao, S. V.	2001	Comparative study of full thickness and mesh grafting technique (autogenous and homogenous) in dogs	Dr. M. B. Mantri
3	Dr. Lokhande, D. U.	2008	A clinical study of Bronchoscopy and Gastroscopy in Canine	Dr. L.B. Sarkate
4	Dr. Khandekar, G. S.	2011	Laparoscopic examination and Treatment of abdominal disorders in dogs and pigs.	Dr. L.B. Sarkate
5	Dr. Yadav, G. U.	2016	External and Internal Fixation for repair of long bone fracture in canines: A clinical study	Dr. L.B. Sarkate
6	Dr. Tripathi, S. D.	2017	A Clinical Study on Laparoscopic Bariatric Procedure in Dog for Maintenance of Good Health	Dr. L.B. Sarkate
7	Dr. Rajhans, M. S.	2018	Comparative Evaluation of Biphasic Calcium Phosphate as An Osteoconductive and Platelet Rich Fibrin as an Osteoinducer for Osseointegration in Repair of Long Bone Fracture with Bone Loss in Dogs - A Clinical Study	Dr. D. U. Lokhande

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8	Chaudhari K.S.	2018	Evaluation of video otoscopy and Ultrasound Examination for Ear affections and its Surgico-therapeutic Management in Dogs	Dr. D. U. Lokhande
9	Dr. Yamgar A. T.	2020	Long Bone fracture management with or without Osteoinducer and its comparative Evaluation by CT scan and Computed Evaluation by CT scan and Computed Radiography in dogs	Dr. D. U. Lokhande
10	Dr. Raut S. U.	2020	Clinical Evaluation of Adipose derived Mesenchymal Stem Cells And Porcine Skin Biological Bandaging for the Treatment	Dr. G. S. Khandekar
11	Dr. Gaikwad S. V.	2020	Laparoscopy Assisted Diagnostic Protocols for Surgical Conditions of thoracic Cavity in Dogs	Dr. G. S. Khandekar
12	Sayed Mohammadali S. Shaukat Ali	2021	Optimization of Anaesthetic Protocol for C-section in Bitches	Dr. G. S. Khandekar

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13	Prajyot S. Dakhane	2021	Comparative Evaluation of Antibiotic Loaded Bone Cement (ALBC) And Biosynthetic Bone Graft for Repair Of Long Bone Fractures In Dog	Dr. D. U. Lokhande
14	Dishant saini	2024	Comparative Study of arrow pinning and dynamic intramedullary cross pinning for surgical management long bone fractures in cats	Dr. G. S. Khandekar
15	Trupti T. Kherkar	2024	Comparative Evaluation of Tilapia Fish Skin, Porcine Skin Biological Bandaging and Autologous Platelet Rich Plasma for Wound Healing in Cat	Dr. G. S. Khandekar

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5. Research Papers Published:
List of Research Publications:

Sr. No.	Author	Title of paper	Name of the Journal/year		NAAS Rating	h-index
1	H.R. Patil, G. S. Khandekar, S.D. Tripathi, S.V. Gaikwad, R.L. Sawant, Dishant Saini, S.A. Chauhan	Cardiac Effects of Carbon Dioxide Pneumoperitoneum in Veterinary Laparoscopy for Dogs	Indian journal of animal research Jul-2024		6.40	
2	Harshal R. Patil, Gajendra S. Khandekar, Santoshmani D. Tripathi, Shalaka A. Chauhan, Dishant Saini, Rutuja L. Sawant.	Evaluation of the Cardiovascular Effect of Propofol using Echocardiography in Dogs	Indian journal of vet science and biotechnology, volume 20 issue 4(July- Aug 2024)		5.25	
3	Sawant Rutuja1, G.U. Yadav1, D.U. Lokhande1, G.S. Khandekar1, Patil Harshal1, Dishant Saini1, Mane Tanaji2	Clinical Evaluation of Bioglass for Long Bone Fracture Repair in Dog	Indian journal of animal research		6.40	
4	Patil Harshal, Rutuja Sawant, Patil DJ, Kulkarni MK and Khandekar GS	Management of spinal fractures in small animals: Surgical repair with K-Wires, screws and Polymethyl methacrylate bone cement	International Journal of Veterinary Sciences and Animal Husbandry 2024; 9(2):57-960		4.61	
5	Patil DJ, Kulkarni MS, Rutuja Sawant, Patil Harshal and Khandekar GS	Surgical management of femoral neck fracture in dog with trans-articular pinning: A case report.	International Journal of Veterinary Sciences and Animal Husbandry 2024; 9(2): 1034-1036		4.61	
6	Sawant Rutuja, Patil Harshal, Gajendra Khandekar, Santoshmani Tripathi, Dishant Saini and Tanaji Mane	Sedative and analgesic effect of Butorphanol-xylazine-ketamine anaesthesia in rabbits	International Journal of Veterinary Sciences and Animal Husbandry		4.61	

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7	SD Tripathi, GS Khandekar, SV Gaikwad, Monika Rani, Dishant Saini, Kunal Sharma, Akanksha Potdar and Goutham Gopakumar	Successful management of cataracts in dogs by phacoemulsification with IOL implantation: Review of two cases	International Journal of Veterinary Sciences and Animal Husbandry 2024; 9(2):100-103		4.61	
8	Monika Rani, SD Tripathi, GS Khandekar, SV Gaikwad, Dishant Saini, Kunal Sharma, Aditya Patil and Omkar Misra	Surgical management of intestinal foreign body in cat: A case report	International Journal of Veterinary Sciences and Animal Husbandry 2024; 9(2):860-862		4.61	
9	Monika Rani, SD Tripathi, GS Khandekar, SV Gaikwad, Dishant Saini, Kunal Sharma, Simran Josan and Manika Jadhav	Surgical management of bilateral entropion in Persian cat: A case report	International Journal of Veterinary Sciences and Animal Husbandry 2024: 9(2):702-704		4.61	
10	SV Gaikwad, GS Khandekar, SD Tripathi, Monika Rani and CH Pawshe	Assessment of haematobiochemical effects of propofol combined with isoflurane versus propofol combined with sevoflurane for thoracoscopy in canines	International Journal of Veterinary Sciences and Animal Husbandry 2024; 9(3):556-561		4.61	
11	Santoshmani D. Tripathi, Monika Rani*, Gajendra S. Khandekar, Shahir V. Gaikwad, Manika Jadhav	Surgical Management of a Unique Case of Salivary Gland Tumor in a Doberman	Ind J Vet Sci and Biotech Nov- Dec (2024)		5.25	
12	Shahir V. Gaikwad, Gajendra S. Khandekar, Santoshmani D. Tripathi, Rajesh R. Rohi, Monika Rani*	Surgical Management of Diaphragmatic Hernia in a Dog	Ind J Vet Sci and Biotech Nov- Dec (2024)		5.25	
13	Trupti T Kherkar, Gajendra S Khandekar, Santoshmani D Tripathi, Shahir V Gaikwad, Simin V Bharucha, Vilas M	Comparative study of platelet rich plasma therapy and tilapia fish skin biological bandages for wound healing in cats.	International Journal of Veterinary Sciences and Animal Husbandry 2024; 9(4):38-43		4.61	

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	Vaidya, Varsha D Thorat and Dishant Saini					
14	Shahir V. Gaikwad*, Gajender S. Khandekar1, Santosh D. Tripathi1, Monika Rani, Dishant Saini, Chaitanya H. Pawshe2	Assessment of Anaesthetic Impact of Propofol Combined with Isoflurane Versus Sevoflurane for Thoracoscopy in Canines	Ind J Vet Sci and Biotech. 20(5), 85-89. Sep-Oct (2024).		5.25	
15	Dishant Saini, Gajendra S. Khandekar, Dr. S.D. Tripathi, Dr. S.V. Gaikwad, Shalaka A. Chauhan, Harshal Patil1	Surgico-Therapeutic Management of Supracondylar Fractures in Felines using Arrow-Pin Technique	Ind J Vet Sci and Biotech. 20(5), 51-55. Sep-Oct (2024).		5.25	
16	Rutuja Sawant*, Girish Yadav, Dinesh Lokhande, Gajendra Khandekar, Harshal Patil, Dishant Saini	Radiographic Evaluation of Bioglass and Polymethylmethacrylate for Long Bone Fracture Repair in Dogs	Ind J Vet Sci and Biotech. 20(5),38-142. Sep-Oct (2024).		5.25	
17	Vishal Bhagat, C Bhong, B Khillare, N Jadhav, M Narawade, G Khandekar, S Gaikwad, B Katkade, A K Sharma, G Chigure	Prevalence status and detection of benzimidazole resistance using AS-PCR in Haemonchus contortus of goats from Marathwada region, Maharashtra, India	Veterinary Parasitology: Regional Studies and Reports, 2024, 55, 101119		-- / 1.4	
18	Dishant Saini, Mohammad Ali, Harshal Patil, Rutuja Sawant, G. S. Khandekar and S. D. Tripathi	Surgical management of blocked cats through ventral perineal urethrostomy	The Haryana Veterinarian (2023): 62 (SI), 126-128		5.58	
19	Shibani Supe, Archana Upadhyay, Santosh Tripathi, Vikas Dighe and Kavita Singh	Liposome-polyethylenimine complexes for the effective delivery of HuR siRNA in the treatment of diabetic retinopathy	Drug Delivery and Translational Research https://doi.org/10.1007/s13346-022-01281-9 (2023)		IF-4.617 NAAS-10.617	
20	Babar N., Khandekar G. S., Tripathi S. D., Saini D., Gaikwad S. V., Chauhan S. A.	Clinical evaluation of xylazine-zoletil anesthesia in equine under field conditions	Ind. J. Vet. Sc and Biotech (2023): 19(1), 77-81		5.58	

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21	Chauhan S. A., Shubham Pant, Khandekar G. S., Tripathi S. D., V. D. Aher, T. T. Attar, V. G. Nimbalkar	Comparative study on the anaesthetic effect of tiletamine-zolazepam and propofol as an induction agent for conventional and endoscopic abdominal surgeries in domestic cats	Indian Journal of Animal Research (2022) doi: 10.18805/IJAR. B-4914		6.44	
22	S.D. Tripathi*, L.B. Sarkate, D.U. Lokhande, G.S. Khandekar, S.H. Dalvi, A.D. Patil	A clinical study on the effect of laparoscopic ovariectomy on body weight and thyroid function in female dogs	Indian Journal of Veterinary Surgery, (2022) 43(1): 56-58		5.25	
23	P. S. Dakhane, S. D. Tripathi, D. U. Lokhande and G. S. Khandekar	Successful surgical management of olecranon bursitis in a Saint Bernard dog	Indian J. Vet. Surg. (2020) 41(1): 70		5.25	
24	S.D. Tripathi, L.B. Sarkate, D.U. Lokhande, G.S. Khandekar, S.H. Dalvi, A.D. Patil	Clinical evaluation of laparoscopic gastric greater curvature serosa to serosa plication for weight management in obese dogs	Indian Journal of Veterinary Surgery (2019) 40 (2)		5.25	
25	Tripathi S.D., Sarkate L.B., Lokhande D.U., Khandekar G.S., Dalvi S.H., Patil A.D.	Clinical evaluation of laparoscopic anterior gastric surface serosa to serosa plication along with ovariectomy in dogs	Indian Journal of Veterinary Surgery (2019) 40 (2)		5.25	
26	Sayed Mohammad Ali, G. S. Khandekar, S. D. Tripathi, Sayed Mohd. Danish Bukhari and D. U. Lokhande	Surgical Management of Vaginal Fibroma in Bitch	Indian Journal of Canine Practice (2019) 11 (2)		4.42	
27	Agivale S.M., Khandekar G.S., Tripathi S.D., Khambatta P.T.	Clinical evaluation of xylazine, ketamine and guaifenesin as total intravenous anaesthesia in equine	Advances in animal and veterinary sciences (2019) Vol. 7(4): 265-271		5.68	
28	Eunice G. Thomas, S. D. Tripathi, D. U. Lokhande, G. S. Khandekar, A. A. Datir	Comparative evaluation of conventional and laparoscopic -assisted Technique for intestinal Surgery in dogs.	Indian Journal of Canine Practice (2018) Vol. 10(2): 157		4.42	
29	G. S. Khandekar, S. D. Tripathi and C. H. Pawshe.	Laparoscopic evaluation of Ovaries and Uterus in Dangi cows.	Intas Polivet (2018) Vol. 19 (01): 33-35		4.79	

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30	Meshram, P. V., Moregaonkar S. D., Tripathi S. D., Ambade R. B., Shirale S.Y. and Masare P. S.	Risk factors management and recent advances in treatment of diabetes	Contemporary Research in India (ISSN 2231-2137): Vol. 8: Issue: 3 2018		3.23	
31	S.D. Tripathi, G.S. Khandekar, Anil A. Datir, G.S. Ambore and Ashish Pawar	Comparative Evaluation of Laparoscopic and Open Vasectomy Techniques in Teaser bulls	IntasPolivet Vol 18 (2017) No II July-December 2017		4.79	
32	S.B. Walvekar, G.S. Khandekar, S.D. Tripathi, S.V. Gaikwad and S.U. Raut	Theloscopic Diagnosis and Management of Milk Flow Disorders in Ruminants	IntasPolivet Vol 18 (2017) No II July-December 2017		4.79	
33	S.B. Walvekar, G.S. Khandekar, S.D. Tripathi, A.A. Pawar and Anil A. Datir	Evaluating Effect of Theloscopy and Theloresectoscopy on Haematological Parameters and Somatic cell count in Milching animals	IntasPolivet Vol 18 (2017) No II July-December 2017		4.79	
34	Gaikwad, S. V.; Khandekar, G. S.; Ulemale, A. H.; Rajhans, M. S.; Tripathi, S. D.	Surgical Management of Pre-Cervical Uterine Torsion and Prolonged Gestation with Standing Caesarean Section Approach- A Clinical Study of Three Cows	IntasPolivet Vol 18 (2017) No II July-December 2017		4.79	
35	Manish Tiwari, K.S. Chaudhari, D. U. Lokhande, G. S. Khandekar, S. D. Tripathi	Evaluation of Butorphanol Tartrate and Propofol as constant rate infusion during laparoscopic ovariectomy in dogs	J. Bombay Vet. Coll. (2017) Vol 24 (1), 8-10.		*	
36	Silveira Maria Sera, D. U. Lokhande, G. S. Khandekar, S. D. Tripathi, R. V. Gaikwad and S. D. Moregaonkar	Evaluation of pedicle graft (Advancement flap method) for repair of extensive wounds in canines	J. Bombay Vet. Coll. (2017) Vol 24 (2), 16-19		*	
37	E. G. Thomas, A. A. Datir, D. U. Lokhande, G. S. Khandekar and S. D. Tripathi	Use of closed suction active drain for successful repair of dog bite wound in canine	J. Bombay Vet. Coll. (2016): 23:(2): 61		2.18	
38	A.A. Datir, E. G. Thomas, D. Bukhari, D.U. Lokhande, G.S. Khandekar, S. D. Tripathi,	Surgical management of acquired cleft palate in a Persian cat	J. Bombay Vet. Coll. (2016) Vol 23 (1),54-55		2.18	

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	A.A. Pawar					
39	E. G. Thomas, M. S. Silveira, A. A. Datir, D. U. Lokhande, G. S. Khandekar, S. D. Tripathi	Surgical management of lacerated crop in an Indian Rock pigeon (<i>Columba livia</i>)	J. Bombay Vet. Coll. (2016) : Vol 23 (1)		2.18	
40	G. S. Khandekar, Niharika Sawant, Siddhi Anekar, S.D. Tripathi, K.S. Chaudhari, S.V. Gaikwad, A.A. Datir	LipoMyxosarcoma in a rabbit	J. Bombay Vet. Coll. (2016) Vol 23 (2),64		2.18	
41	G.S. Khandekar, Niharika Sawant, Siddhi Anekar, S.D. Tripathi, K.S. Chaudhari, A.A. Datir.	Ilio- Cecal resection in a Chow Chow	J. Bombay Vet. Coll. 2016 Vol 23 (1),62		2.18	
42	Vedpathak Akash, S. D. Tripathi, D. U. Lokhande, G. S. Khandekar and K. S. Chaudhari	Evaluation of Conjunctival Pedicle Grafts for repair of Corneal Ulcers-A clinical Study of 6 Dogs	IntasPolivet (2016) 17(II):395		4.69	
43	Sherpa Tenzing Dorjee, Lokhande D. U., Khandekar G. S., Chaudhari K. S., Tripathi, S. D., Gaikwad S. V., Vedpathak Aakash, Tiwari Manish and A. A. Datir	Surgical Management of Intestinal Foreign Body (Sewing Needle) in Dog	J. Bombay Vet. Coll. (2015): 22:(2):51		2.18	
44	G. S. Khandekar, S. V. Gaikwad, K. S. Choudhari, Pooja Juneja and S. D. Tripathi	Bacterial isolation after ovariohysterectomy for selection of Antibacterials in canine pyometra	IntasPolivet (2015) 16(II): 235		4.69	
45	Tripathi S. D., Sarkate L. B., Lokhande D. U., Khandekar G.S., Dalvi S. H., Dighe D. G. and Patil A. D.	Estimation of Serum Leptin, Ghrelin and adiponectin hormones in dogs undergoing Laparoscopic Ovariectomy	J. Bombay Vet. Coll. (2014) 21:(1):35		2.18	
46	S. D. Tripathi and D. U.	A unique case of unilateral right inguinal and	Indian Vet. J. (2014)		4.33	

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	Lokhande	perineal hernia in a male spitz	91(04):91			
47	Sherpa Tenzing Dorjee, Lokhande D. U., Khandekar G. S., Chaudhari K. S., Tripathi, S. D., Gaikwad S. V., Vedpathak Aakash, and Tiwari Manish	Surgical management of gastric foreign body (stone) in dog	J. Bombay Vet. Coll. (2014): 21:(1):82		2.18	
48	Sherpa Tenzing Dorjee, Chaudhari K. S., Lokhande D. U., Khandekar G. S., Tripathi, S. D., Gaikwad S. V., Tiwari Manish and Vedpathak Aakash	Surgical management of linear (thread) foreign bodies in cat	J. Bombay Vet. Coll. (2014): 21:(1):76		2.18	
49	Aakash Vedpathak, K. S. Chaudhari, D. U. Lokhande, G. S. Khandekar, S. D. Tripathi, Maneesh Tiwari, Niharika Sawant and Tenzing Sherpa	Anaesthetic and surgical management of severe traumatic wound on the tail in Indian palm squirrel	J. Bombay Vet. Coll. (2014): 21:(2): 92		2.18	
50	K. S. Chaudhari, , S. D. Tripathi, Aakash Vedpathak D. U. Lokhande, G. S. Khandekar, Maneesh Tiwari, and Tenzing Sherpa	Surgical management of Bilateral mandibular fractures in canine using non-locking reconstruction plates	J. Bombay Vet. Coll. (2014): 21:(2): 95		2.18	
51	Sherpa Tenzing Dorjee, Lokhande D. U., Khandekar, G. S., Chaudhari K. S., Tripathi S. D., Gaikwad S. V., Vedpathak Aakash, Tiwari Manish and Sawant Niharika	Emergency Surgical management of Complete obstructive urolithiasis in a dog due to calcium oxalate stones	J. Bombay Vet. Coll. (2013): Vol. 20(2): 71			
52	S. Roshini, D. P. Kadam, S. D. Moregaonkar, G. K. Sawale, S. D. Tripathi, A. A.	Occurrence of different neoplasms of dogs in Mumbai Region	Indian J. Vet. Pathol. (2013) 37(2): 138-140		5.03	

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	Pawar, Durga Thakur and S. R. Chavan					
53	Lokhande D. U., L. B. Sarkate, P. B. Adsul and S. D. Tripathi	Surgical management of Ectopic Testis in dogs	Indian Vet. J. (2013) 90(7):70		4.33	
54	Niharika Sawant, Aakash Vedpathak, S. D. Tripathi, D. U. Lokhande, G. S. Khandekar and K. S. Chaudhari	Surgical management of an unusual case of singular bladder occupying urocystolith in a male dog	J. Bombay Vet. Coll. (2013): 20:(2):67		*	
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56	S. D. Tripathi, D. U. Lokhande, G. S. Khandekar, P. B. Adsul and L. B. Sarkate	Surgical management of grade IV medial patellar luxation in a dog	Indian J. Vet. Surg. (2012) 33(1): 68		4.0	
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63	K. S. Chaudhari, S. D. Tripathi, S. S. Raut, A. R. Chauhan, L. B. Sarkate, G. S. Khandekar and S. R. Sonawane	Surgical management of foreign body syndrome in a dog	Indian Vet. J. (2010) 87:918		6.0	
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67	S. D. Tripathi, D. U. Lokhande, G. S. Khandekar, L.B. Sarkate and Bhagyashree S.	Study of physico-hematological changes during propofol anaesthesia in equines	J. Bombay Vet. Coll. (2008): 16:(1):32		*	
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83	GS Khandekar	Laparoscopic examination and treatment of abdominal disorders in dogs and pigs	MAFSU, Nagpur			
84	MS Rajhans, DU Lokhande, GS Khandekar, PL Dhande, SV Gaikwad, RD Velhankar	Use of biphasic calcium phosphate in repair of long bone fracture with bone loss in dogs.	Veterinary Practitioner			
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89	SS Raut, DU Lohkande, LB Sarkate, GS Khandekar, SP Salvekar,	Clinical evaluation of propofol for short surgical procedure in equine	The Journal of Bombay Veterinary College 14 (1and2), 48-51			
90	SP Salvekar, PT Jadhao, SV Upadhye, SB Akhare, NP Dakshinkar, GS Khandekar, NV Kurkure	Comparative study on laparoscopic sterilization techniques in dogs.	Veterinary Practitioner vol 19			
91	GU Yadav, LB Sarkate, DU Lokhande, GS Khandekar	Long Bone Fractures and its Repair in Dogs-A Study of 10 Patients	Intas Polivet 17 (1), 6-8			
92	GS Khandekar, LB Sarkate, DU Lokhande, SV Gaikwad, AR Chauhan,	Successful surgical management of 30 cases of canine pyometra	The Journal of Bombay Veterinary College 14 (1and2), 149-149			
93	SA Chauhan, KS Kiran, AK Tiwari, YB Jadhav, GS Khandekar, D Saini	Video Oto-endoscopic, Canalographic and Ultrasonographic Evaluation of Ear Canal in Canine Otitis Patients	The Indian Veterinary Journal 101 (08), 38-41			
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95	SV Gaikwad, GS Khandekar, SD Tripathi, SU Raut, RR Rohi	Evaluating acepromazine maleate in combination with xylazine and ketamine anaesthesia in gelding in equine	Intas Polivet 20 (2), 278-280			
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98	MS Rajhans, DU Lokhande, GS Khandekar, DJ Patil, SV Gaikwad	Conjunctival fibrosarcoma, its surgical and therapeutic management in dogs-a review of 5 clinical cases.				
99	RP Nale, PC Zambre, AN	Studies on adhesion prevention efficacy of	Indian Journal of Veterinary			

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101	VP Raul, NH Moru, SR Tatelu, CB Parmar, LB Sarkate, G S Khandekar, AR Chauhan	Traumatic Reticuloperitonitis in Buffalo in selected areas of Maharashtra	The Journal of Bombay Veterinary College			
102	SM Katkar, GS Khandekar, SR Tatelu, NH Moru, LB Sarkate, TG Sathe	Mammary Cancer in Bitches–A Study of 30 Cases in Mumbai	The Journal of Bombay Veterinary College 16 (1), 46-46			
103	SD Tripathi, DU Lokhande, GS Khandekar, LB Sarkate, S Bhagyashree	Study of Physico-Hematological Changes during Propofol Anaesthesia in Equines	The Journal of Bombay Veterinary College 16 (1), 32-33			
104	VD Kale, LB Sarkate, DU Lokhande, GS Khandekar, KS Chaudhari	Repair of severed segment of flexor tendon in a bullock-a case report.				
105	VD Kale, LB Sarkate, DU Lokhande, GS Khandekar, KS Chaudhari,	Atresia ani with recto-vaginal fistula in a new born calf-a case report.				
106	SW Sunetra Wadke, GS Khandekar, AR Chauhan, DJ Patil, VN Dave	Successful management of suturing of a stab wound in a rat snake (Ptylus mucosus) under ketamine hydrochloride - a case report.				
107	VD Kale, LB Sarkate, DU Lokhande, GS Khandekar, KS Chaudhari	Oesophagotomy in advanced pregnant buffalo in standing position-a case report.				
108	SM Tripathi, DU Lokhande, LB Sarkate, GS Khandekar, C Natasha	Study of blood-gas values during propofol general anaesthesia in equines.				

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110	SS Raut, DU Lokhande, LB Sarkate, GS Khandekar, AR Chauhan	Biochemical and hematological changes during propofol anaesthesia with xylazine in equine	The Journal of Bombay Veterinary College 14 (1and2), 126-127			
111	AR Chauhan, LB Sarkate, GS Khandekar, KS Chaudhari, SS Raut	Extensive mammary tumour in a bitch–A case report	The Journal of Bombay Veterinary College 14 (1and2), 146-147			
112	SP Salvekar, AR Chauhan, LB Sarkate, GS Khandeka	Hypothyroidism in sloth bear (Melursus ursinus)–A case report	The Journal of Bombay Veterinary College 14 (1and2), 148-148			
113	SP Salvekar, GS Khandekar, LB Sarkate, DU Lokhande, AR Chauhan	Propofol-A sole agent for induction and maintenance of anaesthesia by continuous infusion rate in cats	The Journal of Bombay Veterinary College 14 (1and2), 91-92			
114	SP Salvekar, GS Khandekar, LB Sarkate, DU Lokhande	Clinical evaluation of clear solution of propofol in cats	Indian Journal of Veterinary Surgery 25 (2), 0254-4105			
115	SV Gaikwad, MS Rajhans, GS Khandekar, SM Metkari, SS Sabale	Fibrosarcoma in a Pet Rat	The Journal of Bombay Veterinary College, 73			
116	MS Rajhans, GS Khandekar, DU Lokhande, SV Gaikwad, DJ Patil	Mastocytoma in a dog-A case report	The Journal of Bombay Veterinary College, 90			
117	MS Rajhans, MK Tiwari, GS Khandekar, SV Gaikwad, AA Datir	Surgical Removal of Fibrosarcoma in a Dog-A Case Study	The Journal of Bombay Veterinary College, 58			
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121	AA Pawar, DP Raibole, GS Khandekar, LB Sarkate	Successful Surgical Management of Liposarcoma in a Golden Retriever Dog	The Journal of Bombay Veterinary College			
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125	GS Khandekar, LB Sarkate, DU Lokhande, KS Choudhary, SP Salvekar	Surgical management of abnormally large ovarian cyst in bitch.	Journal of Bombay Veterinary College			
126	GS Khandekar, LB Sarkate, DU Lokhande, AR Chauhan	Surgical management of multiple complications in senile doberman bitch–A case report	The Journal of Bombay Veterinary College 12 (1and2), 84-85			
127	G.U.Yadav, V.D.Aher, A.P.Bhokre and L.B.Sarkate (1999)	Preliminary trials of diazepam and detomidine in buffaloes.	J.Bom.Vet.Coll. 7(1& 2) : 45.			

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133	V.D.Aher, G.U.Yadav and A.U.Bhikane	Wooden Foreign body in nasal cavity of a calf. : A case report.	. J. Bom.Vet. Coll. 8 (1& 2) 57.			
134	V.D.Aher, A.P.Bhokre, G.U.Yadav and A.T.Shinde	Thoracic choke and rupture of oesophagus in a bullock.				
135	S.Kulkarni, G.U.Yadav , A.U.Bhikane and V.D.Aher (	A hermaphrodite kid with genital agensis and atresia ani.	. Indian J.Anim. Reprod. 22 : 189.			
136	R.D.Padile, G.U.Yadav , V.D.Aher, A.U.Bhikane and P.S.Utge	Contracted liagmentum nuchae in a calf.	Indian.Vet.J. 78 : 148 - 149.			

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140	G.U.Yadav , V.D.Aher, A.P.Bhokre and L.B.Sarkate	Clinical, physiological effects of diazepam and detomidine anaesthesia in bovines	. Indian.Vet.J. 78 : 306 – 308.			
141	V.D.Aher, G.U.Yadav , A.T.Shinde and S.S.Deshmukh	Ventral Hernia in a Pomeranian Bitch	2001 The Veterinarian. 25 : 13.			
143	G.U.Yadav , B.S.Khiillare, V.D.Aher and A.U.Bhikane	Amputation syndrome in a calf	. Pashudhan 9 : 2.			
144	G.U.Yadav , V.D.Aher, A.U.Bhikane and A.P.Bhokre	Casesarean section in a cow and doe under diazepam-xylazine-ketamine anaesthesia.	The Veterinarian 25 : 6.			
145	N.M.Markandaya, G.U.Yadav S.R.Chinchker and S.S.Kulkarni	A case report on lactating buck .	Indian Vet.J. 78 : 1154 - 1155.			
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148	G.U.Yadav, A.U.Bhikane, N.M.Markandeya and V.M. Jadhav	Radial nerve paralysis in a bullock.	The Blue cross Book 18 : 27 - 28.			
150	A.U.Bhikane, L.G.Anantwar, G.U.Yadav, G.P.Bharkad and B.S.Khillare	Successful treatment of <i>Babesia equi</i> infection in a Stallion.	The Blue Cross Book 18 : 30 - 31.			
151	A.U.Bhikane, G.U.Yadav, V.D.Aher, L.G.Anantwar and A.P.Bhokre	Glossoplegia in a buffalo - case report.	Indian Vet.J. 79 : 269 - 270.			
152	B.S.Khillare, Y.V.Raote and G.U.Yadav	Studies on comparative efficacy of some anthelmintics in sheep	Indian Vet. J. 79 : 481 - 483			
153	V.D.Aher, G.U.Yadav, A.U.Bhikane and A.P.Bhokre	Laceration of tongue in bovines and it's treatment.	Indian Vet. J. 79 : 489 - 490			
154	G.U.Yadav, V.D.Aher, A.P.Bhokre and L.B.Sarkate	Clinical, physiological and haemato- biochemical effect of diazepam- detomidine combination in bovines	Indian Vet.J. 79 : 494 - 495.			
155	V.D.Aher, G.U.Yadav, A.U.Bhikane and A.P.Bhokre	Othaematoma in a rabbit.	Indian Vet.J. 79 : 513 – 514.			
156	G.U.Yadav, P.T.Jadhav, S.D.Moregaonkar, A.U.Bhikane, and R.R.Mugale	An unusual horn cancer in a cow	Indian Vet.J. 79 : 515 - 516.			

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158	Machinder V.M., Anantwar, L.G. ,Bhikane, A.U. and Yadav, G.U.	Clinicopathological and therapeutic aspects of clinical anaplasmosis in goats	J.Bom. Vet. Coll. 9 (1 &2) 34.			
159	G.U.Yadav , A.U.Bhikane, N.M.Markandeya, G.D.Ranvir and A.P.Bhokre	Ventral abdominal hernia in a bullock	Pashudhan 8 : 2.			
160	G.U.Yadav , N.M. Markandeya, A.U.Bhikane and L.G.Anantwar	Antipartum loss of cow calf and milk in HF cow.	Pashudhan Dec. 2002 P.2.			
161	A.U.Bhikane, G.U.Yadav , L.G.Anantwar, N.M.Markandeya and V.D.Aher	Parotitis in bovines	Indian Vet. J. 79.1292-93.			
162	P.T.Jadhav, G.U.Yadav , A.U.Bhikane and N.M.Markandeya	Choke due to dilatation of oesophagus in a calf .	ooIndian Vet.J. 79. 1294-96.			
163	R.D.Padile, G.U.Yadav , A.U.Bhikane and S.B. Kale	Intestinal obstruction in a khillar bullock : A case report.	Cherion 31 (3&4) P.105.			
164	N.M.Markandeya, V.M.Salunkhe, G.U.Yadav & A.U.Bhikane	Studies on clinical cases of foetal dystokia with reference to involvement of human factor.	Vet.J. 80.132-134.			
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167	G.U.Yadav (2003)	Traumatic reticulo peritonitis due to unusual foreign body in buffaloes	Intas polivet (4) P. 347 - 348.			
168	V.D.Aher, G.U.Yadav and A.U.Bhikane (2003)	Palatoschisis in a calf	The Blue cross book 20 P. 23.			
169	G.U.Yadav , N.M.Markandeya, A.U.Bhikane and S.B.Kale (2003)	Management of mandibular fracture in a Newborn calf-Case report	Indian Vet. J. 80. 1287.			
170	A.U.Bhikane, L.G.Anantwar, G.U.Yadav and V.D.Aher (2003)	Incidence, Clinico Pathology and therapeutic management of Osteomalacia in Marathwadai buffaloes.	Indian Vet. J. 80. 1288 - 1292.			
171	G.U.Yadav , S.B.Kale, A.U.Bhikane, L.G.Anantwar and S.B.Kawitkar (2003)	Pharyngeal obstruction in a buffalo calf	The blue cross book 20 – 24.			
172	A.U.Bhikane, G.U.Yadav , N.M.Markandeya and A.D.Patil (2003)	Free milker (leaker) cow.	The blue cross book 21 . P. 38.			
173	P.T. Jadhao, M. Markandeya and G.U.Yadav (2003)	Case report : Surgical management of hydroallantois in an Osmanabadi goat.	The Blue Cross Book, 21 : 28.			

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175	A.U.Bhikane, G.U.Yadav , B.N. Ambore and A.A.Satalkar (2004)	Polyneuritis in Osmanabadi goat.	Intas Polivet 5 (1) P. 90-91.			
176	P.T.Jadhao, G.U.Yadav , N.M.Markandeya, S.D.Moregaonkar, A.U.Bhikane and A.P.Bhokre (2004)	Tumor of cervix in a Marathwadi buffalo.	Livestock international 8 (7) P.10.			
177	G.U. Yadav , A.U. Bhikane, N.M. Markandeya and A.D. Patil (2005)	Rannula in two bullocks.	Intas Polivet 6 (1) : 44 – 45.			
178	G.U. Yadav , V.D. Aher, A.U. Bhikane, N.M. Markandeya and B.N. Ambore (2005)	Patellar desmotomy in standing position : An easy approach.	Intas Polivet 6 (1) : 48 – 53.			
179	A.U.Bhikane, G.U.Yadav , A.G. Karpe and B.N. Ambore (2005)	Tetanus in a deoni calf : A case report.	6 (1) : 42 – 43.			
180	A.U.Bhikane, G.U.Yadav , N.M. Markandeya, L.G. Anantwar and B.N. Ambore (2005)	Ruminal lactic acidosis in bullocks due to sugar molasses.	Livestock International 9 (4) : 9.			
181	G.U. Yadav , V.D. Aher, A.U. Bhikane, Y.V. Raote, G.P. Bharkad and B.N. Ambore (2005)	Ocular filariasis in horses and it's surgical treatment.	Intas Polivet 6 (2) : 262 – 263			
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183	A.U. Bhikane, B.N. Ambore, G.U. Yadav and G.P. Bharkad (2006)	Efficacy of organic iron in organic iron in the treatment of anaemia in Goats.	Indian Vet. J. 83 : 320 - 322			
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186	G.U. Yadav , V. D. Aher, A.U. Bhikane and M.K. Patil (2007)	Surgical Management of Cataract in a Buffalo Calf.	Veterinary World, 6 (4) : 109 – 110.			
187	G.U. Yadav , V.D. Aher, S.D. Moregaonkar, A.U. Bhikane and M.G. Thorat (2007)	Extra thoracic tumor in a Holeystein Frisian cross-bred cow.	Veterinary World 5 (12) : 389.			
188	G.U. Yadav , U.B. Deore, A.D. Patil, A.U. Bhikane, M.K. Patil and N.M. Markandeya (2007)	Rectovaginal fistula in bovines.	Veterinary Practitioner 8 (1) : 22			
189	G.U. Yadav , A.D. Patil, A.U. Bhikane, N.M. Markandeya and M.G. Thorat (2007)	Unusual foreign bodies in prepuccial cavity.	Veterinary Practitioner 8 (1) : 41.			
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191	R.D. Padile, G.U. Yadav , A.U.Bhikane, M.K. Patil, D.B. More and N.M. Markandeya (2008)	Rectovaginal Fistula in a Buffalo	Veterinary World 1 (2) : 54.			
192	A.D. Patil, N.M. Markandeya, G.U. Yadav and A.U. Bhikane (2008)	Successful treatment of prolapse in Osmanabadi goats.	Veterinary practitioner, 8 (2) : 155-156.			
193	G.U. Yadav , A.U. Bhikane, V.D. Aher, A.D. Patil and B.N. Ambore (2008)	Subcutaneous emphysema in two goats.	Veterinary practitioner, 8 (2) : 161.			
194	A.D. Patil, G.U.Yadav , N.M. Markandeya, S.D. Moregaonkar and A.U. Bhikane (2008)	Dicepahalus Dipus Dibrachius Monster in a buffalo.	IVJ 85 (6) : 675.			
195	A.D. Patil, G.U. Yadav , N.M. Markandeya and S.D. Moregaonkar (2008)	A rare case of acephalia with hydrocephalus in a cow calf	Intas Polivet 9 (1) 46 – 47.			
196	S.V. Udharwar, V.D. Aher, G.U.Yadav and A.U. Bhikane (2008)	Haematobiochemical changes in cattle affected with harm cancer.	Veterinary Practitioner 9 (1) : 47 – 49.			
197	G.U. Yadav , V.D.Aher , A.U.Bhikane, M.G. Thorat, and P.S.Masare (2009)	standardization of diagnostic procedures and operative methodology in cases of intussusception in bovines.	Intas Polivet 10(1) : 4-7.			
198	G.U.Yadav , D.U.Lokhande , A.T.Yamgar,P.S.Dakhane and Adarsh Bijapur	Successful Surgical Correction of Osteosarcoma in a Buck (2018)	International Journal of Current Microbiology and Applied			

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			Scinces.7(11) pp.1322-1326			
199	Amol Yamgar , D.U.Lokhande, G.U.Yadav, P.S.Dakhane (2018)	Surgical correction of extensively large mammary tumor in mouse: A case report.	IJSR79(57).			
200	G.U.Yadav , D.U.Lokhande , A.T.Yamgar, P.S.Dakhane and Adarsh Bijapur(2019)	Surgical correction of gangrenous mastitis in two goats	International Journal of Current Microbiology and Applied Scinces.7(2)pp.1322-1326.			
201	D.U.Lokhande , G .U.Yadav , A.T.Yamgar, P.S.Dakhane (2019)	Successful Surgicalcorrection of splenic haemangiosarcoma in two dogs	International Journal of Current Microbiology and Applied Scinces.8(2) 697- 700.			
202	A.T.Yamgar, D.U.Lokhande , G.U.Yadav , P.S.Dakhane (2019)	Surgical management of foreign body in turtle.	InternationalJournalof Current Microbiology and Applied Scinces.8(2) pp.922-926			

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203	G.U.Yadav , , D.U.Lokhande , A.U.Bhikane, A.T.Yamgar (2019)	Comparative evaluation of casting method over standing method in bulls	International Journal of Current Microbiology and Applied Sciences.8(2) pp.693-96.			
204	G.U. Yadav , D.U. Lokhande, S.D. Ingole and R.V. Gaikawad (2020)	Efficacy of Ferrocom Syrup in Anaemia in Dogs	Int.J.Curr.Microbiol.App.Sc i (2020) 9(6): 799-805.			
205	G. U. Yadav* , D. U. Lokhande and H. Y. Palampalle (2020)	Efficacy of Tiflicon Spray in Ectoparasitic Infestations in Dogs.	Int.J.Curr.Microbiol.App.Sc i (2020) 9(6): 806-813.			
206	G. U. Yadav* , D. U. Lokhande and R. S. Gandge (2020)	Efficacy of Anbioflam Syrup in Wounds and Dermatological Disorders in Dogs	Int.J.Curr.Microbiol.App.Sc i (2020) 9(6): 814-822.			
207	P. S. Dakhane , D. U. Lokhande , G. S. Khandekar , G. U. Yadav , S. D. Tripathi, S. D. Ingole and D. P. Kadam	Radiographic Evaluation of Long Bone Fractures by using Antibiotic Loaded Bone Cement (ALBC) and Biosynthetic Bone Graft in dogs.	Int.J.Curr.Microbiol.App.Sc i (2021) 10(05): 489-501.			

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6. Research Recommendations

Sr No	Project No	Title of project	Recommendations
1.	BVC/PGI/S UR04/2002	Comparative study on lipid & lipid free propofol for the induction and maintenance of anaesthesia in canines.	1. Lipid free propofol is an excellent anesthetic and it is recommended for induction and maintenance of anaesthesia in dogs. 2. A pre-anesthetic administration of Xylazine 0.5 mg/Kg and acepromazine 0.125 mg/kg is recommended before injection of anaesthesia. 3. Lipid free propofol is safe and hence recommended for maintenance of longer duration anaesthesia required for major surgery. It is recommended at the dose rate of 0.4 mg/kg per minute as a continuous infusion alone or with dextrose saline. 4. Recovery from protocol anaesthesia is rapid, smooth and free from complications. Hence this anaesthetic is recommended for day surgery where the post-operative monitoring of the patient is not essential.
2.	BVC/PGI/S UR05/2002	Evaluation of Acepromazine as Preanaesthetic prior to local anaesthesia in Equine castration.	1. Bupivacaine hydrochloride is recommended for local anaesthesia for gelding. 2. Combination of Acepromazine maleate and Bupivacaine hydrochloride (0.5%) as local anaesthesia appeared as best technique in equine gelding. Hence this technique of anaesthesia is recommended for gelding under the field conditions.
3.	BVC/PGI/S UR06/2002	Studies on lipid propofol anaesthesia in cat.	1. Lipid free propofol @ 7mg/kg i/v recommended for induction of anaesthesia for undertaking minor surgeries in cats. 2. Xylazine @ 1 mg/kg 5 minutes prior to i/v smooth induction and better maintenance of anaesthesia in cats. 3. Intravenous administration of Acepromazine @ 0.2 mg/kg is recommended as pre-anaesthetic sedative prior to induction of propofol @ 7 mg/kg anaesthesia for major surgery in cats.
4.	BVC/PGI/S UR08/2002	A clinical study on xylazine-ketamine anaesthesia and its reversal in tigers	1. Combination of Xylazine 1 mg/kg and Ketamine 30 mg/kg for immobilization and Yohimbine hydrochloride @ 0.8 mg/kg alone or in combination with 4- amino pyridine @ 0.13 mg/kg in tigers for reversal of anaesthesia is recommended in free reigning and captive tigers.

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5.	BVC/PGIS UR04/2003	Use of lipid free propofol in day care surgery in canines.	1. Both lipid free propofol as well as lipid base propofol alone is recommended for undertaking major or minor operation in dogs in day care surgery. 2. Both lipid base and lipid free propofol (2.5 mg/kg) in combination with xylazine (0.5mg/kg) is recommended for induction and maintenance of anaesthesia in day care surgery of canine.
6.	BVC/PGI/S UR05/2003	Use of xylazine hydrochloride and Bupivacaine hydrochloride for epidural analgesia in canines.	1. Xylazine-Bupivacaine combination produces longer duration of epidural analgesia with better quality of analgesia and excellent muscle relaxation in dogs. Hence a combination of 0.5% Bupivacaine hydrochloride@0.5 mg/kg bodyweight and xylazine hydrochlorides@0.5mg/kg body weight is recommended for induction of epidural analgesia for undertaking operation of abdomen, hind limbs and perineum in field condition.
7.	BVC/PGI/S UR06/2003	Studies on castration in deer using xylazine ketamine anaesthesia.	1. A combination of xylazine (0.5mg/kg) and Ketamine (2.5mg/kg) is recommended for immobilization of deer for immobilization of deer for the purpose of blood collection, radiography, short distance transportation and major and minor surgery. 2. Yohimbine hydrochloride@0.125 mg/kg is recommended for quick reversal of xylazine-ketamine anaesthesia in deers. Doxapram (0.5mg/kg) could be used for shortening the recovery of xylazine-ketamine anaesthesia but deer should be observed at least for three hours for post anaesthetic recovery.
8.	BVC/VSRO 2/2004	Use of xylazine hydrochloride and Bupivacaine hydrochloride for epidural analgesia in canines.	1. Under field conditions xylazine-Bupivacaine combination 0.5% Bupivacaine hydrochloride (1mg/kg) and xylazine hydrochloride (0.5mg/kg) by epidural route is recommended for induction of analgesia for undertaking operations on abdomen, hind limbs and perineum in canines.
9.	BVC/VSRO 2/2004	Use of Propofol for castration in equines.	1. Propofol appeared as one of the best general anaesthetics for induction of general anaesthesia in equines. Hence its use@6mg/kg body weight intravenously is recommended for induction of anaesthesia in equines. 2. Xylazine (1mg/kg) i/v in combination with propofol (6mg/kg) i/v after 10 minutes is recommended for induction as well as for carrying out short duration surgical procedures like gelding in equines.
10.	BVC/VSRO	Evaluation of propofol for induction	1. Midazolam@0.3mg/kg body weight i/v and pentazocine@3mg/kg body

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	3/2004	and maintenance of anaesthesia in swine-A clinical study.	weight i/v are recommended for sedation of pigs. 2. Propofol alone@6mg/kg body weight i/v are also recommended for smooth and rapid induction of general anaesthesia in pigs.
11.	BVC/VSR04/2004	Evaluation of protocol midazolam and propofol-pentazocine combination in healthy in swine-A Haematological, cardiac, renal and hepatic study.	1. Intravenous injection of Midazolam (0.3mg/kg) is recommended for sedation and chemical restrain of pigs. Further for achieving smooth and rapid induction of general anaesthesia, propofol@5mg/kg body weight i/v 10 minutes after the administration of midazolam (0.3mg/kg) i/v is recommended. 2. It is also recommended that the intravenous administration of 40-50% dose of protocol (2.5mg/kg) could be used for prolonged maintenance of anaesthesia as and when pig shows the sign of pain sensation.
12.	BVC/SUR01/2005	Clinical evaluation of clear solution of propofol in cats.	1. Clear solution of propofol alone@10mg/kg body weight for induction of anaesthesia and 0.25mg/kg/minute for maintenance of anaesthesia is recommended for cats.
13.	BVC/SUR02/2005	Clinical evaluation of propofol for short surgical procedures in equine.	1. Intravenous administration of 1mg/kg of xylazine 5 minutes followed by 3 mg/kg of propofol over a time of 35 second is recommended for induction of anaesthesia in equines.
14.	BVC/SUR/PG01/2005	A clinical study on surgical disorders of oral cavity in canine.	1. Periodical check-up of teeth and oral cavity at least twice a year is recommended for early detection and prevention of disease of teeth following 6 years age of the dog. Wiring technique is easy for undertaking repair of most of the mandible fracture.
15.	BVC/Mumbai/Surgery/01/2012	Evaluation of anaesthetic techniques for laparoscopic ovariectomy in dogs- (A Clinical Study).	Laparoscopic ovariectomy under Xylazine hydrochloride (1mg/kg) with Ketamine hydrochloride (10mg/kg) intravenously with halothane (2.5% in O ₂) anaesthesia is recommended for day care surgery in dogs, allowing faster recovery and reducing the cost of post-operative management.
16.	BVC/Mumbai/Surgery/02/2012	Comparative studies on plate-rod construct and bone plating for long bone fractures in canines	Intramedullary pin of 25-40% diameter size of medullary canal along with plate is recommended for comminuted fracture repair in dogs.
17.	BVC/Mumbai/Surgery/03/2012	A clinical study of Acepromazine and Xylazine in combination with Ketamine anaesthesia for vasectomy	To control the spotted deer population in Zoo, Acepromazine (0.4mg/kg, i.m) in combination with ketamine (10mg/kg, i.m) anaesthesia is recommended for vasectomy in spotted deer as it produces a short duration

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		in Deer	of anaesthesia with smooth and faster recovery.
18.	BVC/Mum bai/Surgery/ 06/2012	Laparoscopic examination and treatment of abdominal disorders in dogs and pigs	Considering the cost and availability of CO ₂ , the plain filter room air is recommended for creating pneumoperitoneum during entire laparoscopy procedure in dogs and pigs. Laparoscopy can be used as visual examination technique for the accurate diagnosis and treatment of abdominal disorders like tumour of visceral organs, collection of biopsy material, ovariectomy, vasectomy, retained testicle etc. in canines.
19.	BVC/Mum bai/Surgery/ 07/2012	A comparative study of Myelography on conventional radiographs and Digital Computed Radiography for diagnosis of spinal cord disorders in Canines	Digital computed radiography using Iohexol at the dose rate of 0.25-0.4 ml/kg in the intervertebral space is recommended in lumbar myelography for accurate diagnosis of spinal cord lesions in dogs.
20.	BVC/Mum bai/Surgery/ 08/2012	Comparative evaluation of isoflurane and triple drip of Guaiphenesin, Xylazine, Ketamine for maintenance of anaesthesia in equines during different diagnostic and surgical procedures.	Induction of anaesthesia using Xylazine @ 1mg/kg body weight, Ketamine @ 2 mg/kg and diazepam @ 0.1mg/kg intravenously and maintenance of anaesthesia with triple drip of Guaiphenesin, Xylazine, Ketamine 1ml/kg/hr. is recommended for long duration diagnostic and surgical procedure in horses under field conditions.
21.	BVC/Mum bai/Surgery/ 01/2013	Laparoscopic ovariectomy in dogs: a comparison between single portal and two portal access.	Single portal access is recommended for laparoscopic ovariectomy under Acepromazine (@ 0.03 mg/kg) – Propofol (@ 5 mg/kg) and isoflurane (2%) anaesthesia in dogs.
22.	BVC/Mum bai/Surgery/ 02/2013	Evaluation of interlocking nail for the use of long bone fracture repair in dogs: a clinical study.	Intramedullary interlocking nail provides excellent stability as well as good biomechanical environment for healing therefore it is recommended for repair of long bone fracture.
23.	BVC/Mum bai/Surgery/ 02/2013	Comparative study of conventional method and laparoscopic assisted technique for cryptorchidectomy in dogs.	Laparoscopic assisted method of cryptorchidectomy is quick and effective technique and recommended for cryptorchidectomy in canines.
24.	BVC/Mum bai/Surgery/	Evaluation of haemostatic techniques in laparoscopic ovariectomy in dogs	Laparoscopic ligation for haemostasis of ovarian pedicle as an alternative to coagulation is recommended for performing laparoscopic ovariectomy in

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	01/2014	and rabbits.	dogs. It is recommended that rabbit model should be used for laparoscopic suturing for hands on training.
25.	BVC/Mum bai/Surgery/ 02/2014	A comparative study of two different anaesthetic combinations for ovariohysterectomy in critically ill pyometra cases in dogs.	Butorphanol (0.2 mg/kg i.m), Diazepam (0.25 mg/kg i.m) and ketamine HCl (5mg/kg, iv), anaesthetic combination is recommended for successful ovariohysterectomy in dogs having pyometra and increased levels of Blood Urea Nitrogen and Serum Creatinine.
26.	BVC/Mum bai/Surgery/ 03/2014	Evaluation of locking compression plate system for long bone fracture repair in dogs: a clinical study.	Locking compression plate is recommended for the repair of long bone fractures in dogs as it yields high success.
27.	BVC/Mum bai/Surgery/ 04/2014	Laparoscopic assisted ovariohysterectomy versus traditional method of ovariohysterectomy in dogs under Propofol-isoflurane anaesthesia.	Singe port laparoscopic assisted ovariohysterectomy is recommended for mass sterilization in dogs.
28.	BVC/Mum bai/Surgery/ 01/2013-14	Effect of butorphanol tartarate in combination with xylazine and ketamine anaesthesia for single and double incision in gelding.	Administration of Butorphanol tartrate (0.1 mg/kg) Xylazine (1.1 mg/kg) and Ketamine (2.2mg/kg) combination given intravenously, produces faster and smooth induction, better quality of anaesthesia and rapid recovery thus recommended in gelding operation.
29.	BVC/Mum bai/Surgery/ 02/2013-14	Comparative Study on Laparoscopically Assisted Gastropexy and Belt Loop Gastropexy in Canines – A Clinical Study.	Laparoscopy assisted gastropexy in gastric dilatation and volvulus (GDV) prone dogs is better procedure to avoid its occurrence and to reduce the size of incision and hospitalization time.
30.	BVC/Mum bai/Surgery/ 01/2014-15	Comparative Study between Laparoscopy Assisted and Conventional Cystotomy in Dogs.	Laparoscopy assisted cystotomy is recommended in dogs to avoid complications of wound healing and reduction of scar tissue formation and to reduce the hospitalization time.
31.	BVC/Mum bai/Surgery/ 01/2015-16	External and internal fixation for repair of long bone fracture in canines: A clinical study.	For repair of compound fractures of radius, ulna and tibia, external skeletal fixation using bilateral method is recommended whereas for simple fractures in young animals below 20 kg bodyweight, external

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			immobilization with LDPE splints is recommended.
32.	BVC/Mum bai/Surgery/ 02/2015-16	Comparison of isoflurane and sevoflurane in dexmedetomidine-propofol induced general anaesthesia for laparoscopic ovariohysterectomy in cat.	Dexmedetomidine (0.01 mg/kg iv - Propofol (4 mg/kg, iv) - Isoflurane (1.5 %) or Dexmedetomidine (0.01 mg/kg iv - Propofol (@ 4 mg/kg, iv - sevoflurane 2.5 %) combination is suitable for Laparoscopic ovariohysterectomy in cats.
33.	BVC/Mum bai/Surgery/ 03/2015-16	A clinical study on the use of conjunctival pedicle graft for the treatment of corneal ulcers in canine.	For effective treatment of medically unresponsive and complicated deep corneal ulcers, maintaining the aesthetic appearance of eyeball in dog's conjunctival pedicle grafting is suitable.
34.	BVC/Mum bai/Surgery/ 2015 -2016	A Clinical Study on Laparoscopic Bariatric Procedure in Dogs for maintenance of good health.	Laparoscopic gastric greater curvature serosa-to-serosa plication (LGGCP) controls the weight in dogs and hence is recommended in obese dogs for weight control.
35.	BVC/Mum bai/Surgery/ 2015 -2016	Diagnosis and treatment of teat canal affections by Theloressectoscopy in ruminants.	Surgical management of milk flow disorders by theloressectoscopy is recommended for diagnosis and treatment of milk flow disorders in cattle, buffalo and goat.
36.	BVC/Mum bai/Surgery/ 2016 -2017	A comparative study of conventional method and Laparoscopic assisted technique for surgical treatment of gastrointestinal affections in dogs.	Laparoscopic assisted method is recommended in diagnosis and treatment of gastro-intestinal affections like intussusception, intestinal obstruction etc., where the traditional method of diagnosis is doubtful.
37.	BVC/Mum bai/Surgery/ 2016 -2017	Evaluation of sub-xiphoid and midlateral intercostal thoracoscopy examination under Propofol-isoflurane and ketamine-isoflurane anaesthesia in dogs.	Sub-xiphoid port placement is recommended for thoracoscopic examination in dogs.
38.	BVC/Mum bai/Surgery/ 19-20	Study on clinical management of pleural effusion by thoracocentesis and implanted pleural port in small animals	Pleural port device provides a practicable alternative for palliative management of recurrent pleural effusion in dogs and cats and hence recommended for management of pleural effusion in dogs and cats.
39.	MVC/Mum bai/Surgery/	Lapraoscopy assisted diagnostic protocols for surgical conditions of	Laparoscopy-assisted diagnostic protocols (Thoracoscopy) under Isoflurane or Sevoflurane anaesthesia is a reliable modality for the diagnosis of

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	21-22	thoracic cavity in dogs	thoracic disorders in dogs and therefore it is recommended for lung biopsy with pretied loop ligature in case of thgoracic disorders in dogs
40.	MVC/Mum bai/Surgery/ 21-22	External and internal fixation for repair of long bone fracture in canines: A clinical; Study	For repair of compound fractures of radius and ulna and tibia fibula external skeletal fixation using bilateral method is recommended whereas for simple fractures in young animals below 20 kg body weight external immobilization with LDPE splints is recommended.
41.	MVC/Mum bai/Surgery/ 23-24	Optimization of Anaesthetic protocol for caesarean section in bitches	For Caesarean section in bitches any of the following protocol is recommended 1. The anaesthetic combination of Propofol (4 mg/kg IV), Butarphanol Tartarate (0.1 to 0.4 mg/kg IV) and propofol CRI (0.2 mg/kg/min, IV) 2. Butarphanol Tartarate (0.1 to 0.4 mg/kg IV), Propofol (4 mg/kg IV) and Isoflurane (2.5 %)
42.	MVC/Mum bai/Surgery/ 23-24	Comparative efficacy of Tiletamine and Zolazepam combination with Midazolam and Ketamine for abdominal Surgeries in Dogs	It is recommended that Tiletamine-Zolazepam @ 5 mg/kg body weight I/V anaesthesia produces fast induction, short duration of anaesthesia, fast recovery and excellent muscle relaxation for abdominal surgeries in dogs
43.	MVC/Mum bai/Surgery/ 23-24	Evaluation of Xylazine-Tiletamine-Zolazepam anaesthesia in horses under field conditions.	Induction with tiletamine-zolazepam @ dose rate of 0.8 mg/kg body weight intravenously in premedicated horses with xylazine @ 1.1 mg/kg body weight was safe without any complications as a suitable substitute to ketamine or propofol anaesthesia recommended for gelding in horses

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7. MOU signed by the Department of Surgery and Radiology, Mumbai Veterinary College:
 - a. Brihan Mumbai Municipal Corporation
 - b. Mahanagar Gas Limited
 - c. Medcubators India Limited

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8. Research Priorities / Thematic areas: Department Wise:

Sr. No.	Research Area	Aim	Objective	Benefits of Farmers
1	Minimally Invasive Surgery in Small animals	1. TO ESTABLISH CENTRE OF EXCELLENCE IN MINIMALLY INVASIVE SURGERY	1. To develop different minimal invasion techniques in small and large animals for diagnosis and treatment of differed body systems	1. Cost effective and easily applicable Minimal invasive technique for solving problems of production and health to Pet and Animal lovers, farmers etc.
2	Small and Large Animal Soft Tissue Surgery	TO ESTABLISH CENTRE OF EXCELLENCE IN SMALL AND LARGE ANIMAL SOFT TISSUE SURGERY	To develop different surgical techniques in small and large animals for treatment of differed body systems	Cost effective and easily applicable surgical technique for solving problems of production and health to Pet and Animal lovers, farmers etc.
3	Surgeries of Musculo-skeletal system	TO ESTABLISH CENTRE OF EXCELLENCE IN ORTHOPAEDICS	To develop different surgical techniques in small and large animals' surgical treatment of Musculo skeletal system systems	Cost effective and easily applicable surgical techniques in small and large animals surgical treatment of Musculo skeletal system systems.
4	Small and Large Animal Anaesthesia	TO ESTABLISH CENTRE OF EXCELLENCE IN SMALL AND LARGE ANIMAL	To develop different Anaesthetic techniques in small and large animals	Cost effective and easily applicable Anaesthetic techniques for solving problems of production and health of Pets belonging to Animal lovers, farmers etc.

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		ANAESTHESIA		
5	Ophthalmic and dental surgeries in small animals	TO ESTABLISH CENTRE OF EXCELLENCE IN OPHTHALMIC AND DENTAL SURGERIES IN SMALL ANIMALS	To develop different Ophthalmic and dental surgeries in small animals	Cost effective and easily applicable Ophthalmic and dental surgeries in small animals for solving problems of belonging Pet and Animal lovers, farmers etc.

9. Significant Research Achievement:

Sr. No.	Achievements	Description
1	Patents Awarded	
2	Breed Registration	
3	IPR	
4	Copyright	
5	Trademark	