

THE SYNAPSES**JSVS NEWSLETTER****Editor: Ashok Kumar****Associate Editor: Deepak Kumar Tiwari****In this Issue**

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From the Desk of President

Dear friends, in an endeavour to maintain contact with the members of the Indian Society for Veterinary Surgery, updated information has been given by the members of the executive committee of the society through the newsletter and website which is very encouraging. I appreciate efforts put in by Drs Patil, Ashok and Tiwari to see that Indian Society for Veterinary Surgery is head and shoulders above the other scientific societies in India. The website has been updated and I am sure that it will continue to be so in future. During the testing times of COVID-19, the office bearers of society have made special effort to initiate scientific Webinars and I am happy to say that response of audience has been overwhelming. I want to thanks Vice Chancellor LUVAS, Hisar for allowing us to use the university facilities for these webinars. Further, as members of the society it is our duty to help needy people during this crisis and as a goodwill gesture the Society has donated Rupees Four Lakh towards the PM CARES Fund-Fight Against COVID-19. During the lockdown, I have been getting suggestions from the members for further improvements. I thankfully acknowledge and appreciate and ensure you that we will make every effort to incorporate constructive suggestions of our members. Dr Amarpal is providing very good leadership for timely printout of Indian Journal of Veterinary Surgery. A purely clinical concept of pictorial article has been introduced in the journal. I urge upon members to continue to a contribute quality scientific articles for the journal. Our approach is to bring about all round strength to the Indian Society for Veterinary Surgery and I am sure that members will gladly come forward with suggestions and proposals to see the growth of our society and dissemination of knowledge. I convey my best wishes to all members for good health.

**Simrat Sagar Singh****From Executive Secretary Pen**

Dear Members, Opening Digital Door! Trust all are safe and healthy at home in this testing time. A few thoughts to ponder! As surgeons, non-urgent procedures can be avoided to preserve medical and pharmaceutical supplies. Contingency plans for rural areas. As veterinarians bio-security measures, use of PPE, social distancing etc. as per Govt. directives be followed meticulously. Keep client communications buzzing with shareable telemedicine. Teaching surgeons have added responsibilities. Further, prepare yourself for overflow of work after Covid-19 crises. I feel sustained multitasking efforts during treatment makes VETS less stressful, even during the journey of bracing to this situation! Professor Ashok Kumar and Team bring out another issue to update us. Once again stay safe and healthy.

**D. B. PATIL****From the Editor**

Dear colleagues; I am sure that you all are safe and healthy with your family members. This is really a crucial time to save the humanity. Each and every one of us must be following the guidelines issued by the state and central governments while performing our duty in the respective institutions. Prime Minister, Narendra Modi, advised all states to ensure that medical help for animals is treated as an essential service, which does not get suspended during COVID-19 lockdowns across the country. The Animal Welfare Board of India (AWBI) also wrote a letter to all states emphasizing that all law enforcement agencies ensure that animals and birds do not suffer due to hunger during the lockdown due to COVID-19. This shows that how sensitive is the Narendra Modi Government about the welfare of animals. People are feeding the animals with their own resources. In this pursuit, we all are also contributing a lot in our own way with great dedication and commitment. On behalf of ISVS, I salute all the CORONA Warriors of our fraternity.

**Ashok Kumar**

FEATURE

Specialities in Surgical Disciplines under Indian Scenario

As I reminisce over more than three decades of professional life under the umbrella of ISVS, There are many milestones, exuberant highs, few lows, the camaraderie of many talented fellow surgeons, learnings from bright and multifaceted individuals. All this gives immense happiness.



With the advent of this decade and stress on technology driven surgery and anytime anywhere healthcare, there is need for reorganization of Departments of Veterinary Surgery to improve its technicalities.

There is need to introduce surgical specialities like Radiology and Imaging, Orthopaedic Surgery, Anaesthesia, Ophthalmology etc., Need based and location specific speciality can also be developed.

A cursory glance over the different surgery departments in our country reveals overall developmental problems amidst exigency galore.

There are many reasons for the existing problems right from manpower to equipment. On operating front, we require different operation theaters like orthopaedic, ophthalmology, large and small animal, equine, small ruminant etc. Each speciality demands at least one Associate and Assistant Professor Cadre staff. Radiology and Imaging demands at least three staff members. Each operation theatre demands dedicated operation theatre technician for its optimum maintenance.

I feel the time is ripe for introduction of Master's and Doctoral Programme in speciality subjects. The nomenclature can be worked out. e.g. MVSc (Surgery), PhD (Surgery), imaging studies, MVSc (Radiology and Imaging) and PhD (Radiology and Imaging).

There will be initial constraints especially regarding availability of manpower and creation of posts. It is tough ask to get posts approved by Govt. This can be addressed particularly by employing Senior and Junior Residents earmarked to speciality.

In order to attract quality, it is desirable to pay non-practicing allowance and permission for short trainings abroad.

All this may look like grandiose plan looking to the ground realities and also the COVID-19 effect. However, to impart acceptable, time tested treatment protocols with continuous update in

treatment regimens; undertake clinical research; start different registries at University and National level for large, small and wild animals cancers, orthopaedic fracture repair etc., this is utmost required. On positive note, a proposal based on the above may at least be submitted to authorities for consideration.

At present, specialities under surgical disciplines are being tackled by dedicated staff in different departments and few private practitioners. At least specialities developed in few departments needs to be sustained. The most pragmatic aspect will be grinding of students, residents on clinical floor of surgical speciality. Further, presently there is a need of skilling surgical ecosystem on an e-platform at University level. This is sustainable in the national interest rather than a less than week virtual exposure which at times gives false sense of confidence to clinicians. A full-fledged surgical discipline also facilitates joint research with medical fraternity and basic researchers.

Trust we all remain ahead of curve for skills and learning.

Ending on crazy edge of optimism!

D. B. Patil*

**Views expressed by the author are personal*

ISVS You tube Channel

Indian Society for Veterinary Surgery (ISVS) successfully launched it's You tube channel

<https://www.youtube.com/channel/UCxED3ZT3uOAPFy3fXXvb0-w>

All are requested to please visit, like, comment and subscribe the channel.

ISVS Facebook Page

Indian Society for Veterinary Surgery (ISVS) has created its facebook page

<https://www.facebook.com/indiansocietforveterinarysurgery/live/>

All are requested to recommend the Facebook page of ISVS. (Please go to "Recommend section" and give a review)

NEWS MAKER

Dr. Kushal Konwar Sarma is Professor and Head, Department of Surgery & Radiology, College of Veterinary Science, Assam Agricultural University (AAU), Khanapara, Guwahati, Assam. Dr. Sarma is widely recognized as the “*Elephant Man of Asia*” and is globally known for his work in the field of wild life health care, management and conservation. The service rendered by him in this field has saved the lives of thousands of wild animals globally. His relentless efforts have led to a notable change in the perspective towards wild animal healthcare and conservation in India, particularly in the survival and welfare of Asian Elephants and One-horned Rhinoceros, which has also been recognized globally.



Born on 1st of March, 1961 in a remote village of lower Assam, Dr. Sarma completed his schooling securing a National Scholarship, graduated from the College of Veterinary Science, AAU, in 1984. He completed his master's degree in Veterinary Surgery and Radiology in 1987 and PhD in the same field in 1994 as an in-service candidate. He joined the AAU in 1987 as an Assistant professor and promoted to Professor in the Surgery and Radiology Department in 2006 and has been the Head of his department from 2012. Dr. Sarma has authored over 150 research papers in National and International scientific journals, authored 6 books, co-authored or contributed chapters in 7 books, guided 45 students in PhD and MVSc in Veterinary Science and published over 100 popular articles in various English or vernacular journals. He is member of the Editorial Board of one International (Chiang Mai University, Thailand) and two highly-rated National journals. Dr. Sarma has completed two research projects as Principal Investigator and two as co-investigator. His work with IIT Guwahati on “Electrospun silk polyaniline conduits for functional nerve regeneration in rat sciatic nerve injury model” received critical acclamations in medicine.

Dr. Sarma has travelled extensively, served one month in Indonesia as International Elephant Expert and is a guest faculty of the North Carolina State University and New Mexico University in USA. He had led the Rhino translocation programme in Chitwan National Park in Nepal. He has organized several National and international seminars, conferences and training programmes as the Course Director or Organizing Secretary.

Besides his call of duty as a university professor and administrator, Dr. Sarma has dedicated his life

to the healthcare and welfare of wild animals in general, elephants and rhinos in particular. He has not enjoyed a single holiday or weekend for personal comfort or pleasure for over three decades, running from forest to forest, at the service of wildlife. He attends over 700 elephants annually for preemptive and on-call basis, which now includes besides Assam, other Indian reserves like Dudhwa (UP), Rajaji (Uttarakhand), Jaldapara (West Bengal), Kanha, Panna (MP) etc. He has the distinction of subjugating a record 139 rogue elephants in the jungles of north eastern region of India. He is the spearhead of the Veterinary team with the target of leading the world famous Manas National Park on the path of revival by reintroduction of the One-horned Rhinoceros. Besides rescue, treatment and translocation of many wild elephants, Dr. Sarma provides parallel services to Rhinos, Swamp deer, Tigers, Leopards, Bear, Bison, and Wild Buffaloes etc. all over India. Dr. Sarma is a member of the Steering Committee and Captive Elephant Healthcare and Welfare Committee of Project Elephant, Govt. of India; Zoo and Circus Elephant evaluation committee, Central Zoo Authority; Assam and Tripura State Board of Wildlife etc. He is the serving Chairman of the Blue Cross Society, Assam and has also served as the Vice President of Indian Society for Veterinary Surgery. He is presently the member of Asian Elephant Specialist Group, IUCN, and EEHV Asia Working Group. Gold Medalist of 1984 batch of Veterinary Graduates of AAU, Dr. Sarma has bagged many National and International awards/recognitions. He received prestigious Dr. S. J. Anjelo Gold Medal from the Indian Veterinary Association (1997). He was conferred ‘Award of Excellence’ by the Chief Minister, Assam in recognition of outstanding contribution for rescuing stray rhinos from human dominated landscape (2012). He was conferred the prestigious “Fellow” of Indian Society for Veterinary Surgery (2012) and Indian Society of Animal Production and Management (2020). Dr. Sarma has received ‘Certificate of Recognition for commitment to Asian Elephant Conservation, Health and Welfare’ by North Carolina State University in USA (2014). Prof. Jagdish Mukhi, Hon’ble Governor of Assam had presented Dr. Sarma with the ‘Award of Excellence’ and honoured him with the title, “Elephant Man of Asia” (2018). Dr. Kushal Konwar Sarma is the first veterinarian in the entire country and among a very few illustrious personalities in the conservation area to receive **Padmashree**.

APPOINTMENTS/PROMOTIONS

Dr. Narendra Singh Jadon joined on February 26, 2020 as Dean, College of Veterinary and Animal Sciences, G.B. Pant University of Agriculture and Technology, Pantnagar. Dr. Narendra Singh Jadon was born in a farmer family of district Aligarh of Uttar Pradesh. He started his professional training from G.B. Pant University of Agriculture & Technology in 1976 and obtained B.V.Sc. & A.H. degree in 1981, Masters of Veterinary Surgery & Radiology in 1983 and Ph.D. in 1991. He joined his alma-mater in 1984 as Assistant Professor, Surgery and Radiology, Associate Professor in 1997 and Professor in 2001. Presently he is heading the Department of Surgery and Radiology and University Medical Hospital. He has also served as Consultant Surgeon, Govt. of Abu Dhabi (UAE) from 2000-2002. Besides, he has been Coordinator of Examination, Admission Cell, Test and Selection and NCC of the University.



Dr. Jadon is very dedicated and hardworking teacher. He has developed many courses for UG and PG degree programme along with 4 laboratory manuals and audio-visual aids for effective teaching. In recognition of the services he has been conferred with best teacher award of College of Veterinary and Animal Sciences in 2006-07. Dr. Jadon has the credit to guide 25 master's degree and 6 Ph.D. students. He has published more than 120 research papers in the journals of National/International repute besides presenting more than 150 research papers in National/International Conferences. He has also written more than 50 semi technical articles, thirty folders and 05 monographs for the use of field veterinarians and extension workers. He has published 5 books on the different aspect of the Veterinary Sciences. He has successfully handled 5 externally funded and 8 University funded research projects. Based on his research contribution he has published 5 research bulletins. He has also filed 03 patents on magic nano-shuttle of recombinant NS1 and VP3 gene and three dimensional hydrogel scaffolds.

In recognition to his contribution to the profession, he has been awarded as Fellow of National Academy of Veterinary Sciences, (2005), Fellow of Indian Society for Veterinary Surgery (2006) and Fellow of Indian Society for Advancement of Canine Practices (2012). He is the life member of more than 10 professional societies.

He has also established stem cell, nano-biotechnology, physiotherapy and pathology labs with modern equipments and facilities. He has also

received the best research paper presentation awards 10 times by various professional societies. Dr. Jadon is an excellent surgeon and clinician of repute. He has rendered his services by developing many of the innovative techniques in the field of Veterinary Surgery which are not only useful for the field veterinarian but also useful to enhance the health and productivity of farm animals. It has always been his endeavours that university programmes are planned and executed in such a way so that the poverty of the rural people may be alleviated. Accordingly, he has participated in more than 100 animal welfare camps organized by University/Government of Uttar Pradesh / Uttarakhand. He has also contributed significantly in the field of extracurricular activity by establishing Remount and Veterinary and Air Wing of the NCC at university campus. The main areas of his research have been anaesthesia, therapeutic uses of neuroganglionic blockade, gene therapy and tissue engineering and regenerative medicine.

He has used gene virotherapy and developed nano-shuttle PcDNAVP3 and PcDNA NSI CPV which are alternative modality for regression of tumours. In the field of stem cell research, he has worked on isolation, differentiation; dedifferentiation and characterization of mesenchymal cells derived from different sources and screened their regenerative potential on different ailments in animals. He is working on delineation of cell surface receptors and gene regulatory pathways involved in the process of regeneration after application of stem cells and in the establishment of stem cell repository so that the stem cells may be used at the door of the farmers.

In recognition to his outstanding contribution to the research, G.B. Pant University of Agriculture and Technology, Pantnagar conferred him Dr. Bir Bahadur Singh Outstanding Research Award, 2015 and Hari Om Ashram Trust Award by ICAR in 2015.

Dr. Shailendra Kumar Tiwari

joined the post of Dean, College of Veterinary Science and Animal Husbandry, Chhattisgarh Kamdhenu Vishwavidyalaya, Durg (CG) and Head of the Department of Veterinary Surgery and Radiology on March 12, 2020.



Dr. Shailendra Kumar Tiwari was born on 1st June 1962 at Maihar, District Satna (M.P.). Dr. Tiwari obtained his B.V.Sc. & A.H. and M.V.Sc. & A.H. degree from Jawaharlal Nehru Krishi Vishwavidyalaya, Jabalpur (M.P.) in 1983 and 1988, respectively. Dr. Tiwari obtained his Ph.D. degree in 1996 from G.B. Pant University of Agriculture and Technology,

Pantnagar Uttarakhand under the guidance of renowned scientist and surgeon Dr. Amresh Kumar and received Jawaharlal Nehru Award of ICAR for Best Ph.D. thesis in 1998. Dr. Tiwari started his career as Veterinary Officer in 1985 and became Professor and Head in 2003, where he was continuing before selection in the Post of Director Instructions in 2014.

Dr. Tiwari has 32 years' experience of teaching, research and extension work in the field of Veterinary Science. He has guided 29 M.V.Sc. and 01 Ph.D. students. Dr. Tiwari has done pioneer work on reversal of anaesthesia in large animals after surgery to avoid prolong recumbency. For this work he was awarded Jawaharlal Nehru Award by ICAR, New Delhi. Dr. Tiwari is recipient of many awards viz. Best Teacher Award, Bharat Jyoti Award, A.K. Bhargava Memorial Award, Pashudhan Silver Jubilee Award, Krishi Shiromani Award, Fellow of NAVS, Fellow of ISVS, University Gold Medal for B.V.Sc. & A.H. and M.V.Sc. & A.H. degree. R.K. Gambheer Gold Medal, Behre Gold Medal, Patwardhan Gold Medal, Jawaharlal Nehru Award, ICAR Junior Fellowship, ICAR Senior fellowship, Common Wealth Fellowship etc.

Dr. Tiwari was the Principal Investigator of an ICAR sponsored *ad hoc* project on urolithiasis in animals with a total outlay of 27.85 lakhs. Dr. Tiwari has high scientific temperament and published 269 research papers in reputed journals of India and abroad. Dr. Tiwari is member of Academic Council, Administrative Council and Executive Council of CGKV, Durg from the last 4 years. He was also member of Governing Council of NAVS for 3 years. Dr. Tiwari has published a book entitled Text Book of Anaesthesia and Analgesia published by New Delhi Publisher, New Delhi in 2018.

Dr. Arup Kumar Das joined on March 07, 2020 as Head of the Department of Veterinary Surgery and Radiology, College of Veterinary and Animal Sciences, G.B. Pant University of Agriculture and Technology, Pantnagar.



Dr. Dil Md Makhdoomi joined as Controller Examination, Sher-e-Kashmir University of Agricultural Sciences & Technology of Kashmir (SKUAST-K), Srinagar on April 15, 2020. He has also been assigned the duty of Head of Division, Veterinary Surgery and Radiology. Earlier, he was holding the chair of Director, Veterinary Clinical



Complex, Faculty of Veterinary Sciences & Animal Husbandry.

Dr. Apra Shahi, Associate Professor and In-charge, Department of Veterinary Surgery and Radiology joined as Co-coordinator, Veterinary Clinical Complex, College of Veterinary Science and Animal Husbandry, Jabalpur on 1st May 2020.



Dr Nagarajan Lakshmanan joined as Head of the Department of Veterinary Surgery and Radiology, Tamil Nadu Veterinary and Animal Sciences University (TANUVAS), Chennai on June 03, 2020.



Dr. Vilas D. Aher nominated as University Head and Chairman, Board of studies (BoS) for Veterinary Surgery and Radiology from June 05, 2020.



Dr. S. Dharmaceelan joined on June 11, 2020 as Head of the Department of Veterinary Surgery and Radiology, Veterinary College And Research Institute, Tamil Nadu Veterinary and Animal Sciences University (TANUVAS), Namakkal.



Dr. S Kokila joined as Head of the Department of Veterinary Surgery and Radiology, Veterinary College And Research Institute, Tamil Nadu Veterinary and Animal Sciences University (TANUVAS), Tirunelveli on June 15, 2020.



Dr. Rahul Kumar Udehiya joined on January 16, 2020 as Assistant Professor in the Department of Veterinary Surgery and Radiology, Faculty of Veterinary and Animal Sciences, Institute of Agricultural Sciences, R.G.S.C., Barkachha, Banaras Hindu University, Mirzapur (Uttar Pradesh).



All the ISVS Life members are requested to update their corresponding address with pin code, mobile number and e-mail ID for compilation of ISVS directory through e-mail:

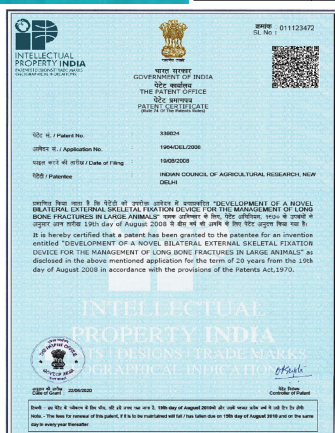
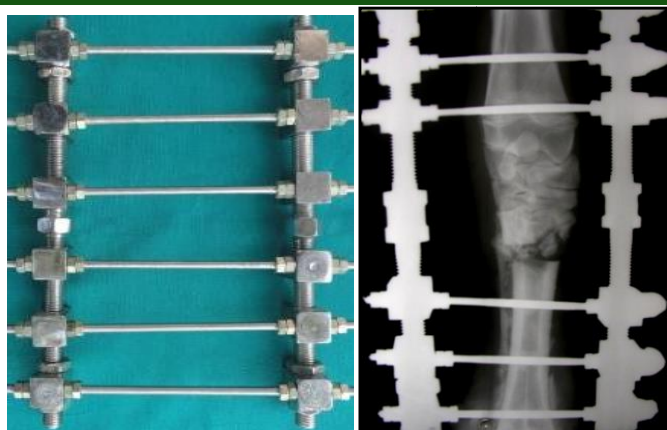
(dr.deepaktiwari@rediffmail.com)

RESEARCH AND DEVELOPMENT HIGHLIGHTS

A patent has been granted for an invention entitled "Development of a novel bilateral external skeletal fixation device for the management of long bone fractures in large animals". The scientists involved in the study were Drs. Hari Prasad Aithal, Amarpal, Prakash Kinjavdekar, Abihijit Motiram Pawde, Krishna Pratap, Dharmendra Kumar Sinha



ICAR-IVRI, Izatnagar bags Indian Patent: Development of a Novel Bilateral External Skeletal Fixation Device for the Management of Long Bone Fractures in Large Animals



The ICAR-Indian Veterinary Research Institute, Izatnagar (Uttar Pradesh) has got a patent on the **Development of a Novel Bilateral External Skeletal Fixation Device for the Management of Long Bone Fractures in Large Animals**. This is a giant step towards the management of fractures in large animals like cattle, buffaloes and equines,

especially open, infected fractures of straight long bones, which are otherwise difficult to manage using conventional techniques.

Management of long bone fractures in large animals is a challenge due to heavy weight of animal patients, angularly placed bones, the need for weight bearing on the fractured limb in immediate postoperative period and above all non-availability of suitable fixation implants. A team of researchers from the Division of Surgery, IVRI, including Dr HP Aithal, Dr Amarpal, Dr P Kinjavdekar and Dr AM Pawde, initiated work on development of techniques and devices, which are economical, easily applied and can provide stable fixation of fractures in large animals.

In the novel design of bilateral linear external fixation device developed by IVRI using stainless steel alloy, the threaded fixation pins emerging from the bone fragments are connected to a pair of specially designed side bars having a unique hexagonal flat surface at the centre with opposite threading on either side, which allows reduction and compression of bone fragments by turning the side bars in opposite directions; and the newly designed fixation bolts, which are firmly secured by screwing along the side bars and can be fixed at desired levels, whereby the bone fragments are held together rigidly allowing early weight bearing and fracture healing.

The newly designed fixation device is simple, lightweight construction and can be easily and quickly attached to bone pins extending from the bone segments. In comparison to conventional fixators, this device has relatively fewer components and is less expensive to manufacture. Its simple construction makes the fixator assembly more acceptable to the animal than conventional fixators during the postoperative period.

(Source: ICAR-Indian Veterinary Research Institute, Izatnagar)

UPCOMING EVENTS

The 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 organized by the Department of Veterinary Surgery and Radiology, College of Veterinary and Animal Sciences, G.B. Pant University of Agriculture and Technology, Pantnagar Udham Singh Nagar from November 5-7, 2020 has been postponed considering the prevailing COVID-19 pandemic. New dates will be decided after reviewing the situation after Deepawali. However, the organising committee is glad to invite the abstracts from interesting delegates for the said symposium. The abstracts may be sent through email on isvspantnagar2020@gmail.com. The new dates will be announced at the appropriate time.

PM CARES FUND

The Indian Society for Veterinary Surgery decided to extend financial support of Rs. 4,00,000.00 (Rs. Four lakh only) to PM CARES Fund to fight against COVID-19. In India, this sudden outbreak has already created enormous medical and financial burden on the country. This contribution is a small effort to support those affected by the virus, doctors, poor people, daily wage workers, and every other human in distress right now. Let us fight Corona virus together and make a difference by not only maintaining the social distance but also showing that we care. As responsible citizens of the country, we must follow all the instructions issued by the government from time to time.

NEW INITIATIVES

Webinars: an initiative by ISVS, aftermath of COVID-19?

In view of prevailing COVID environs, Indian Society for Veterinary Surgery (ISVS) has taken an initiative and planned to organize webinars with an objective to disseminate the knowledge and upgrade existing technical skill. ISVS has successfully organized five webinars under the leadership of Dr. Simart Sagar Singh, President ISVS and Dr. D.B. Patil, Executive Secretary, ISVS. The webinars were organized by Indian Society for Veterinary Surgery in association with Animal Health-Intas Pharmaceuticals, Ahmedabad (Gujrat) and technical support of Lala Lajpat Rai University of Veterinary and Animal Sciences.

Dr. H.P. Aithal, Principal Scientist, Indian Veterinary Research Institute, Pune delivered webinar on “*External Skeletal Fixation in Veterinary Orthopaedics*” on 22.05.2020. A total of 550 people from different sphere of surgery including academicians, veterinary officers, undergraduate and post graduate students, retired faculty of different institutions participated in the webinar.



Dr. S. Senthil Kumar, Associate Professor and Head, Veterinary Clinical Complex, VCRI, Oranthalu delivered webinar on “*Ruminant Inhalation Anesthesia: Principles to Practice*” on 27.05.2020. A total of 500 participants from different colleges, field veterinarians and students joined the webinar.



Dr. Jitender Mohindroo, Professor and Head, Department of Veterinary Surgery and Radiology, COVS, GADVASU, Ludhiana delivered webinar on “*Systematic approach to small animal*



abdominal ultrasound” on 05.06.2020. Six hundred and thirty five persons took part in the webinar and appreciated by the participants.

Dr. L. Nagarajan, Professor and Head, Department of Veterinary Surgery and Radiology, MVC, TANUVAS, Chennai delivered webinar on “*Thoracic surgery in companion animals: An update*” on 12.06.2020. Six hundred persons participated in the deliberation. Being a complicated and uncommon surgery, the participants have a large number of queries which were very well addressed.



Dr. Arun Anand, Professor, Department of Veterinary Surgery and Radiology, COVS, GADVASU, Ludhiana delivered webinar (series) on “*Equine Colic*”



Part-1: “*Equine Colic: Etiology, anatomical considerations and diagnosis*” on 19.06.2020.

Part-2: “*Equine Colic: Therapeutic and Surgical Management*” on 20.06.2020. Four hundred and eighty five persons including teachers, researchers, students, field veterinarians took part in the webinar distributed in two parts.

Dr. C. Ramani, Professor, Department of Veterinary Surgery and Radiology, Madras Veterinary College, TANUVAS, Chennai delivered a Webinar on “*Virtual Ophthalmology and Applications of Teleophthalmology during COVID-19*” on 26.06.2020. It was attended by 148 persons across the country.



The webinars were operated through Google Meet/ Microsoft Teams and are also accessed through Facebook page of ISVS and LUVAS News. Drs. Deepak Kumar Tiwari, Divyesh Kelawala and Neelesh Sindhu were the coordinators of these webinars



Dr. Deepak Kr Tiwari



Dr. Divyesh Kelawala



Dr. Neelesh Sindhu

The surgeons from the College of Veterinary and Animal Sciences, Pookode of Kerala Veterinary and Animal Sciences University



has made a milestone achievement during the lockdown period, by successfully guiding an open-thorax surgery on an eight weeks old Miniature Pinscher puppy, in Malaysia, with the help of live streaming tele-guidance. The puppy named 'Max', weighing only 800g, was presented to Windsor Animal Hospital in Penang, Malaysia, with regurgitation. Radiographs confirmed vascular ring anomaly. Dr Shibu Sulaiman, an alumnus of the university and the chief surgeon and clinical director of the hospital in Penang, attending Max, felt the need of experienced surgeons for the corrective procedure, and contacted his surgery teachers in K.V.A.S.U. After completion of the formal procedures, technical procedures were carried to guide and communicate the surgeons attending for the purpose in Malaysia through online live streaming. Such a decision was taken in the current embarrassing situation of COVID-19 pandemic and lockdown. The surgeons in Malaysia comprising Dr Shibu Sulaiman, Dr Shiv Kumar Singh, Dr Thai I Ling and Dr Amal Bhaskar acted as "live robots" to the experts of K.V.A.S.U. while performing the surgery and acted exactly as per the tele-guidance throughout the procedure. A team led by Dr. Sooryadas S., Assistant Professor, Dept. of Veterinary Surgery and comprising of Dr. Jinesh Kumar N.S., Assistant Professor and Dr. Gisha G. Nair, Senior Resident, tele-guided the anaesthetic and surgical procedure. Dr. Koshy John, Dean of the college and Dr. Bipin K.C., Head of the University Veterinary Hospital provided all support during the long five hours of the procedure. The vascular ring anomaly was of persistent right aortic arch with left ligamentum arteriosum. The animal could be the smallest puppy that would have undergone an open thorax surgery, through live streaming tele-guidance, for correction of vascular ring anomaly. The tele-guided surgery was undertaken on 28th April 2020 and the puppy is presently doing well and discharged home.

PROSPECTIVE TECHNOLOGIES

Dr. V.P. Chandrapuria, Former Director Clinics cum Professor and Head, Department of Veterinary Surgery and Radiology, Jabalpur initiated very effective, humane, painless pinhole technique of castration for bulls and bucks and trained 56 master trainers veterinarian from each district of Madhya Pradesh. In this regards the Assistant Chief Secretary of Animal Husbandry, Government of Madhya Pradesh ordered for implementation of pinhole technique by replacing the use of Burdizzo castrator in entire state.



AWARDS/HONOURS/RECOGNITIONS

Dr. R.M. Tripathi, VAS, Bilaspur Chhatisgarh received "Bilasa Sewa Samman" on occasion of Bilasa Kala Mahotsav by the Cultural Department of Government of Chhattisgarh for his dedicated services rendered for the animals and birds.



Dr. Babita Das, Assistant Professor, Department of Veterinary Surgery and Radiology, College of Veterinary Science & Animal Husbandry, Jabalpur (Madhya Pradesh) received "Best Paper Presentation Award" on Postoperative complications after phaeoemulsification and their therapeutic management in dogs in 17th National symposium of Indian Society for Canine Practice, Organized by College of Veterinary Science & Animal Husbandry, Jabalpur from 21-23 January, 2020.



Dr. Geetika Dhruw, Veterinary Assistant Surgeon, District Veterinary Hospital, Jagdalpur, Chhattisgarh awarded by Hon'ble Chief minister Shri Bhupesh Baghel for her excellent work in the field of Surgery.



REMEMBRANCE

Dr. Asit Kumar Maji, Associate Professor and Former Head of the Department of Surgery & Radiology, Faculty of Veterinary and Animal Sciences, West Bengal University of Animal & Fishery Sciences, Kolkata-37 left us to his heavenly abode on 31.01.2020 after a brief period of his illness.



Dr. Asit Kumar Maji, a native of Nizampur, Medinipur District West Bengal was born on 19.11.1963. He graduated in Veterinary Science from Faculty of Veterinary & Animal Science, Bidhan Chandra Krishi Vishwavidyalaya, West Bengal in 1987. Subsequently he pursued his M.V.Sc in Veterinary Surgery & Radiology from Ranchi Veterinary College in 1989. Following that he again came back to Department of Surgery & Radiology, BCKV, West Bengal as Ph. D scholar and completed his Ph.D. in 1994. He worked in Department of Animal Resources Development, Govt of West Bengal in different positions as Veterinary Officer, Hospital Superintendent and BLDO from 1995 to 2007. During the tenure of nearly 12 years as field Veterinarian, he worked in different urban, semi-urban and city where he performed many operations on ailing animals. He had a very good rapport amongst field veterinarians and farmers as efficient surgeon as well as administrator.

Dr. Maji started his carrier in the faculty as Assistant Professor in Veterinary Surgery & Radiology in 2007. He was promoted as Associate Professor in Surgery and Radiology subsequently. He became Head of the Department of Surgery and Radiology in 2015 and continued up to 2018. There are more than 50 published scientific articles to his credit in different national and international journals. He delivered considerable numbers of papers as invited speaker in International and National Seminars and Symposia. He guided as many as 20 MVSc and 4 PhD scholars as Minor and Major Advisor. Dr. Asit Kumar Maji was an eminent teacher and liked by his

students and colleagues. He was examiner for undergraduate and postgraduate courses of Central Agricultural University, Mizoram, OUAT, Odisha, BAU Ranchi, RAU Patna, AAU, Assam, KVASU, Karnataka, CGKV, Durg etc. Dr. Maji handled many external sponsored research project out of which one was fabrication of artificial heart for goat model in collaboration with IIT, Kharagpur.

He was life member of Indian Society for Veterinary Surgery, ISACP, ISPH, of which in many as executive members. He was very active and effective executive member of ISVS of eastern zone for the tenure of 2018 to 2020 when he worked hard to flourish the activities of the society in the region and nationally as whole. He was very much instrumental and effective for organizing ISCP symposium in 2007 and Annual Congress of ISVS in 2011 at Kolkata. He was the recipient of several awards and appreciation for his contributions and untiring activities for treatment and welfare of animal.

Dr. Maji is survived by his wife, septuagenarian mother, wife Mrs. Shaswati Maji, daughter, Narmada and son Saunak. Ever smiling Dr. Asit Kumar Maji was a thorough gentleman, a great veterinary surgeon and very dedicated professional. His innumerable students and colleagues mourn his untimely departure.

MAY HIS SOUL REST IN PEACE



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