



GUJARAT VETERINARY COUNCIL

(Statutory Body of Government of Gujarat established under Indian Veterinary Council Act, 1984)

News Link

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President's Message

Dear fellow veterinarians

Greetings and Best Wishes!!

You all are aware that Government of India has made a landmark resolution for the development of Livestock sector by instituting a separate Ministry for Fisheries, Animal Husbandry and Dairying in May, 2019 and has appointed Shri Giriraj Singh as Hon'ble Union Minister, Dr. Sanjeev Kumar Balyan and Shri Pratap Chandra Sarangi as Hon'ble Ministers of States. Dr. Sanjeev Kumar Balyan is a Veterinarian by profession with Ph.D. in Veterinary Anatomy. We welcome this decision of Government of India attributing significance of Livestock Sector for the holistic development of our Nation as "Naya Bharat" by 2022.

The Union Government has also made a remarkable decision for the implementation of a National Animal Disease Control Programme (NADCP) to control and eradicate the Economically Important Diseases of Livestock namely Foot and Mouth Disease and Brucellosis with 100 % Central funding. NADCP envisages FMD vaccination coverage to 30 crore bovines (cows & buffaloes), 20 crore sheep/goats and one crore pigs at six months' interval with primary vaccination in bovine calves, while the Brucellosis control programme will extend to cover 100 % vaccination coverage of 3.6 crore female calves.

Our noble Veterinary profession always expects its veterinarian to be with highest level of professional integrity and ethics. Every veterinarian in any field of profession owes to abide these tenants of practice and services for benefits of livestock owners at large. We, the veterinarians should always have awareness and information about responsibilities entrusted upon, duties to be performed, ethics to be followed and consultations to be rendered while working in any sphere of the profession.

Considering this as need of the hour, GVC envisages to organize a One Day Seminar on various aspects of Indian Veterinary Council Act 1984, Gujarat Veterinary Council Rules 2007, VCI (Standards of Professional Conduct, Etiquette and Code of Ethics for Veterinary Practitioners) Regulations 1992 and other applicable norms, rules and regulations under Continuous Veterinary Education programme. I am hopeful that every veterinarian participating will make deliberations about their experiences and will contribute for significant outcome of this seminar.

I convey my best wishes to all fellow veterinarians for their future endeavors in attaining professional excellence and contributing to development of livestock sector in a larger perspective.

Dr. A. J. Kachhiapatel

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- Glanders – a Review
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✿ GVC NEWS & APPEAL ✿

- ❖ GVC Members as per Gujarat State Veterinary practitioner's register as on 31st July, 2019.
 - a. Active Members : - 3503
 - b. Deregistered Members : - 137
 - c. Internship Pro. Registration : - 18
 - d. Registration transferred to Other State: - 49
 - e. Invalid Registration Numbers : - 777
 - f. Deceased Members : - 168
- ❖ The Government of Gujarat re-constituted Gujarat Veterinary Council with notification No. GHKH-13/2019/GVC/112014/27/P.2, dated 07 February, 2019 of Dept. of Agriculture, Farmers Welfare & Co-Operation, Govt. of Gujarat.
 - 1. Members elected amongst the Veterinary Practitioners registered under State Veterinary Register.
 - i. Dr. Sanjay Abheraj Chaudhary
 - ii. Dr. Ashishkumar Chaturbhai Patel
 - iii. Dr. Manubhai Kanjibhai Patel
 - iv. Dr. Anilkumar Chhaganlal Virani
 - 2. Principals of two veterinary Colleges:
 - v. Dr. D. V. Joshi, Dean/Principal, Veterinary College, S. K. Nagar
 - vi. Dr. A. M. Thaker, Dean/Principal, Veterinary College, Anand
 - 3. Members Nominated by the State Government:
 - vii. Dr. A. N. Kanani, DDAH, FMD Typing Scheme, Ahmedabad
 - viii. Dr. S. K. Raval, Professor & Head (Medicine), Veterinary College, Anand
 - ix. Dr. Gaurav Pandya, Asst. Professor (AGB), Veterinary College, Navsari
 - 4. Dr. A. J. Kachhiapatel, Director of Animal Husbandry, Gujarat State, Gandhinagar
 - 5. Dr. J. V. Nadodha, Member, Gujarat State Veterinary Association
 - 6. Dr. Poshak R. Patel Registrar, GVC & Member Secretary
 - ◆ **Dr. Hita Patel takes over the charge of Registrar**, Dr. Hita Patel former Regional Joint Director of AH, Ahmedabad has been appointed as Registrar, Gujarat Veterinary Council, Gandhinagar from 17-6-2019 and Dr. Poshak Patel, Registrar, GVC transferred to Member Secretary & JDAH, Gauseva & Gauchar Vikas Board, Gandhinagar.
- ❖ Those Veterinarians who have not renewed their registration as per the Act and if any negligence/undesirable incidence occurs within that period, he/she may face the criminal/legal consequences thereof and he will be solely responsible for the matter.
- ❖ All members are requested to inform the Council for any change in Postal address, mobile number, place of working, e-mail address etc to update their record in the Council.
- ❖ According to the I.V.C. Act, 1984, Section 30(a), no person other than a registered veterinarian, shall hold office as veterinary physician or surgeon or any other like office (by whatever name called) in Government or in any institution maintained by a local or other authority.

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❖ ANIMAL HUSBANDRY DEPARTMENT

✿ Animal Husbandry Branch, District Panchayat, Kutch

◆ Surgical Management of Brisket Tumour In Buffalo

(by Dr. P. K. Rajput, Dr. K.G. Brahmaxatri & Dr. N. T. Nathani)

Neoplasm is an abnormal mass of tissue that grows indefinitely. Fibroma is a benign tumour of mesenchymal origin and its occurrence as cutaneous fibroma is rare in cattle when compared to other cutaneous tumours like Paillomas.



An 8-year-old non-descript she buffalo was presented with a hanging hard non-ulcerating mass on the ventral aspect of brisket region since last 2 years. On clinical examination, pendulous mass bigger than a football was found at brisket region hanging up to knee joint. It was hot and non-painful and semi hard on palpation without ulceration.

After 12 hours of fasting, the buffalo was restrained in left lateral recumbency with four limbs tied together. Sedation and local analgesia were achieved by using xylazine @ 0.05 mg/kg BW I/V and local infiltration of 2% lignocaine hydrochloride respectively. An elliptical skin incision was made around the base of the tumour and excised the same by careful undermining and homeostasis. The wound was closed by placing subcutaneous sutures using chromic catgut no. 2 followed by the closure of skin using cotton thread in horizontal mattress pattern. Weight of the removed tumour mass was 4.8 kg.



Post operatively, the animal was administered with inj. Dicrysticine, Ketoprofen and Chlorpheniramine maleate intra muscularly for 5 days along with daily dressing with liq. Betadine. Sutures were removed on 12th day of operation.

◆ Surgical Delivery of Dicephalic Monster in Banni Buffalo

(by Dr. B. M. Rajan, Dr. N. R. Patel & Dr. K. G. Brahmaxatri)



A monster is a malformed fetus. Fetal anomalies and monstrosities are common cause of dystocia in bovines, besides the duplication of fetus more frequently at cranial part. These duplications may arise during the primitive streak elongation or regression. The same case is reported here in a buffalo, which was in fifth parity having dystocia at full term gestation and was continuously straining with history of ruptured water bag ten hours ago and with futile delivery attempts. Per vaginal examination revealed an abnormal fetus with two heads joined at neck in anterior longitudinal presentation, dorso-pubic position with both the fore limbs retained against dorsal border of the vagina. As the monster fetus was in dorso-pubic position, Caesarean section was done.

Following local infiltration of lignocaine hydrochloride, 80 ml parallel to milk vein, caesarian section was performed in a right lateral recumbency. A dead female monster was removed from left sided laparohysterectomy site. The surgical wound was sutured in a routine manner. Antibiotic coverage and fluid therapy were followed for subsequent five days and sutures were removed after 12 days of surgical intervention.

A dead female monster had two fully developed heads on single neck. One of the head was aligned with the cervical vertebrae. Both the heads had separate ears along with normal appearance of other body parts and viscera. Hence, the reported case in Banni buffalo was diagnosed as dystocia due to dicephalic monster.

◆ **Surgical Management of Unilateral Horn Cancer in Kankrej Bull**

(by Dr. D. C. Aagza, Dr. K. G. Brahmaxatri, Dr. N. V. Dangera & Dr. A. J. Kapdi)

A Kankrej Bull (age 6 years) suffering from horn cancer with deviated left horn was presented. Affected bull showed symptoms like striking the head against hard objects, asymmetry of horn, slight slimy blood tinged discharge from the affected side nostril and base of the horn was found soft, hot and painful. Foul smelling discharge from the horn and dull sound on percussion was observed. Generalized signs like dullness, depression and partial loss of appetite was also evident.

After sedation with Xylazine @ 0.09 mg/kg, intramuscularly, the bull was controlled in lateral recumbency with left horn up. The site was prepared for aseptic surgery. Cornual nerve block was performed using 2% Lignocaine hydrochloride. The local anesthetic was also instilled at and around the incision site. Dehorning was done by the standard procedure (Flap Method). Following a skin incision, the cornual vessels were ligated by chromic catgut no.1 to prevent hemorrhage. The incision was extended in an elliptical manner and the underlying tissues were separated at the base of horn forming a skin flap. The exposed horn was then dehorned closely to its base by embryotomy wire. The remnants of the bone were chiseled out. The cavity was thoroughly curetted to get rid of neoplastic cells. To avoid any possibility of hemorrhage, gauze soaked in Tr. Benzoin was applied in the cavity for some time and later replaced by gauze of povidone iodine. The entire skin flap was sutured by simple interrupted pattern using cotton thread.

Post-operative treatment included administration of ceftriaxone (10mg/kg intramuscularly), Meloxicam (0.2

mg/kg intramuscularly) for 7 days, and chlorpheniramine maleate (10 ml intramuscularly) for 3 days. Daily dressing of the suture line was performed with 0.1% Povidone iodine solution and applied iodine ointment for wound. The skin sutures were removed on 12th post-operative day.

◆ **Surgical Management of Penile Prolapse in Kankrej Bull**

(by Dr J. K. Tank, Dr. K.G. Brahmaxatri & Dr. R. D. Patel)



A case was presented in a bull, exposing 3-6 inches of the pink prepuce hanging below the sheath. On clinical observation, prepusal mass was protruded out from the sheath, oedema was present and debris and dead tissue were present at the prolapsed mass.

The bull was sedated with the xylazine at dose rate of 0.02mg/kg and local infiltration at the site of suturing using 2% lignocaine hydrochloride solution was done. Then, the bull was casted on lateral recumbency and the prolapsed mass was washed with mild antiseptic solution of potassium permanganate and lubrication was done with paraffin and the mass was repositioned in to the sheath and per string suturing was done to avoid the prolapse of the mass. Post-operatively, Inj. Frucemide 10 ml i/m and Inj. dexona 5 ml i/m were given to reduce the oedema and inflammation. After 3 days, inflammation subsided and sutures were removed and the owner was advised not to use the bull for one month for breeding purpose.

◆ **Surgical Management of Teat Fistula in Goats**

(by Dr. P. K. Rajput, Dr. K. G. Brahmaxatri & Dr. N. T. Nathani)



Teat fistula is a tract originated from the teat canal and mostly caused by accidental injury. Teat fistula may be acquired secondary to full thickness teat injuries that enter the teat cistern or may be even congenital. Surgical affections of udder and teats are getting much attention now a days as these affect the production and considered as emergency because of any delay in repair can lead to mastitis or even necrosis of the teat.

Three cases of goat were presented with drainage of milk from fistulous tract created due to barbed wire injury. On clinical examination, it was found that milk was draining from the teat fistula. The animals were alert and active. Temperature, heart rate and respiration rate were within the normal range.

Desensitization was achieved by ring block anaesthesia by using 2% lignocaine hydrochloride followed by 10 % spray at the site. After desensitization of the affected part, tourniquet was applied over the base of teat and suturing of mucosa and muscularis was performed by using chromic cat gut no 3/0 in a simple continuous pattern and skin was closed with horizontal mattress sutures using nylon.

Post operatively one tube of Pendistin-SH was infused into the quarter. Parentally, injection Enrofloxacin @ 3mg/kg was administered intramuscularly for five days and Meloxicam was administered intramuscularly @ 0.5 mg/kg for three days. The owner was advised to drain out milk and antiseptic dressing of suture line. Skin sutures were removed on 10th postoperative day.

✿ **ANIMAL HUSBANDRY BRANCH, AMUL DAIRY** ✿

◆ **Surgical Management of Rumenotomy in a Cow**

(by Dr. Mohsin S. Vahora, Amul Dairy)

A six-year-old crossbred cow of Kavitha village, taluka Borsad, Dist. Anand was treated thrice for the complaint of frequent bloat with the history of animal being off-feed since last 10 days. On clinical examination, presence of foreign material was found at lower side of abdomen, which was confirmed with the help of metal detector. Thus, it was decided to perform rumenotomy.

2 % lignocaine hydrochloride was used as a local infiltration in inverted L shape or in T shape at left paralumbar fossa. The left flank was thoroughly cleaned and shaved. After scrubbing and preparation of site, drapes were applied leaving site for proposed incision. Incision was placed in

the middle of left paralumbar fossa. The skin was incised with a smooth but firm motion by b.p. blade, dissecting the subcutaneous fascia exposing oblique muscles. The muscle was picked up with the tissue forcep. The incision was then extended with the scissor taking care to avoid separation of transverse muscles and peritoneum. Then rumen was approached, held tightly and then incised. Unexpectedly, around 20 kg of plastic bags along with metal wires were found inside the rumen, which was then removed manually. Before suturing of rumen, probiotics were placed in the rumen.

The rumen was sutured with chromic catgut no. 2 in a lambert pattern followed by Cushing method with proper aseptic precautions. Then, first layer of simple continuous sutures including peritoneum and transverse abdominis muscles was done by chromic catgut no. 2. The two



oblique muscles along with subcutaneous fascia were sutured together in a second layer by chromic catgut no. 2 in a simple continuous suture pattern. The skin was then sutured with the non-absorbable suture material like cotton thread in a horizontal mattress or simple interrupted suture pattern.

Post-operatively, the animal was treated with plenty of normal saline solution intravenous to prevent hypovolemic shock and dehydration during the surgery along with antibiotic, analgesic and multi vitamin injections for 6 to 7 days. Regular dressing was done with the help of tincture iodine or betadine. Sutures were removed after 20 days.

✿ Mega workshop organized at Sanosara (Bhavnagar) ✿

A Mega workshop on “Gir & Jaffarabadi breed improvement and productivity enhancement” under NDP-1 was organized by Sabarmati Ashram Gaushala (SAG) at Lokbharti Gram Vidyapith Campus, Sanosara, Dist: Bhavnagar, Gujarat on 11 January, 2019. Sabarmati Ashram Gaushala is implementing a Pedigree selection Project on Jaffarabadi buffalo and Progeny testing Project on Gir cattle in Junagadh and Bhavnagar districts of Gujarat. For successful implementation of breed improvement programme, farmers’ participation is crucial and for the same motive, awareness programmes are regularly organized in the area as a part of the project activity.

Around 448 women and 291 men from different locations of the project area enthusiastically participated in the Workshop. Officers from NDDDB, NDDDB Dairy Services, SAG, Milk Unions, District A.H. Dept., CSR Depts. of local companies, Lokbharti Vidyapith and KVK attended the Workshop.

Taking into consideration the importance of both the projects and existing local animal husbandry practices adopted by the farmers, following lectures from the experts were arranged.

1. Progeny testing programme on Gir Cattle, by Dr. K. R. Trivedi, Advisor, NDDDB
2. Mastitis, Prevention & Ethno Veterinary Treatment, by Dr. Samir Patel, Sabar Milk Union
3. Animal nutrition for Profitable Dairy Farming, by Dr. C. T. Patel, SAG
4. Hormonal control of Estrus Cycle and AI adoption, by Dr. L. R. Barot, NDS



5. Information about CBF and Hospital of Junagadh Veterinary college, by Dr. P. H. Tank, Principal & Dean, Veterinary college, Junagadh.

The Session was concluded by Dr. A. G. Panchal (Joint Director, A.H.). While thanking organizers for such a Mega workshop, he added that this was the first time in the area that such a large event with best relevant topics on animal husbandry was organized.

Many of the farmers started to implement scientific approach for feeding, use of mineral mixture, de-worming and agreed to breed their animals with AI as a result of this Workshop. The Workshop proved beneficial to make farmers understand how breed improvement programmes are important for them and scientific animal husbandry practices would be proved profitable for them.



Glanders-A Reemerging Zoonotic Disease: A Review

Dr. Amit Kanani, Dr. Nisha Shah and Dr. B.D. Patel

Department of Animal husbandry, Government of Gujarat

Glanders is a highly contagious and fatal disease of horses, donkeys and mules (solipeds) caused by *Burkholderia mallei*, a Gram negative non sporulating, non encapsulated, non motile bacterium. The natural hosts for *B. mallei* are horses, donkeys and mules (solipeds), but other animals such as mice, hamsters, guineapigs, monkeys, lions and dogs are also susceptible to this pathogen. Cattle, swine and chickens appear to be resistant to glanders, even after experimental infection. The disease is commonly classified into three types, viz., pulmonary glanders, nasal glanders and cutaneous glanders.

The infection is acquired directly or indirectly from secretions and excretions of infected animals. The disease is chronic in horses and the organisms are found in the lesions and discharges of the skin and nasal mucosa. Acute form of the disease occurs in the mules and donkeys and the organisms are excreted in faeces, urine, saliva and tears. Most common route of transmission is respiratory route and ingestion of feed and water contaminated by nasal discharge or sputum of affected animals or direct contact with fomites. Infected animals or recovered animals are the important sources of infection. Severe and rapidly fatal pneumonia occurs after inhalational of *B. mallei*.

Zoonotic potential of glanders and its public health significance: Glander is a zoonotic disease. In 1793, the first human case of glanders was reported in a French veterinarian Dr. Charles Vial de Sainbel, the first Principal of London Veterinary College and subsequently he died. Occupational exposure is the main risk factor to veterinarians, farmers, horse traders/fanciers, laboratory workers and other personnel working in stable, slaughterhouses and soldiers.

Serological tests: Various tests viz., Complement Fixation Test (CFT), agglutination test, indirect hemagglutination assay (IHA), ELISA, avidin biotin dot ELISA are used. Mallein test and CFT are prescribed tests for international trade of equines. CFT is 90-95% accurate and most extensively used diagnostic tool because of its capacity to detect clinically inapparent carriers and chronically infected horses. ICAR- National Research Centre on Equines, Hisar acts as a National Referral Centre of Department of Animal Husbandry (Govt. of India) to provide consultancy and diagnostic services for various equine diseases including glanders.

Treatment, Prevention and Control: According to Glander and Farcy Act 1899, affected animals must be disposed off safely and Glander is a notifiable disease. For eradication, affected animals should not be treated because it may result in carrier state. No human or veterinary vaccines are available for immunization/prevention of glanders. Clinical and serological recovery is rare, recovered animals are also not immune, so every animal positive for glanders should be disposed and remaining animals should be retested at intervals of 3 weeks until all reactors have been removed. In case of death due to glanders, carcass should not be opened, it must be buried or incinerated. Manure, bedding and feed residue should be burned or buried. Adequate compensation to the owners are given.

Status of Glanders in India:

Glanders is a notifiable disease in India. A sudden re-emergence of the disease was observed in 2006 and it continued to affect equids in several regions over the following years. As a result, glanders surveillance was intensified as part of the national policy to determine its occurrence and adopt immediate containment measures. Recently, the disease has re-emerged in States of Uttar Pradesh, Jammu & Kashmir, Gujarat, Himachal Pradesh, Uttarakhand and Punjab. At present, control measures are being followed under the guidelines of 'The Prevention and Control of Infectious and Contagious Diseases in Animals Act, 2009' and regulations administered by the Ministry of Agriculture, Government of India.

Status of Glanders in Gujarat:

Regularly testing of equines by Mallien test for Glanders is done. In Jan 2016, first case of glanders was confirmed in a horse in village Zekda of taluka Bavla, which was migrated from U.P. As part of surveillance till now, more than 10000 samples are tested from all over Gujarat covering all the brick factories, farms and individual horses. 100% of animals were covered from 5 km around nuclei infection and 50 % next 5 km above around the nuclei infection.

Out of around 10000 samples tested, 99 were found positive for glanders by NRCE, Hisar. Out of the 99 cases found positive for glanders, 78 were euthanized, 8 equines went missing and 13 died due to the the disease. Glanders positive animals were found from District: Ahmedabad, Banaskatha, Kheda, Mehsana, Junagadh, Jamnagar, Kutch, Rajkot, Gandhinagar and Bhavnagar.

COLLEGE OF VETERINARY SCIENCE & A.H., AAU, ANAND

◆ “CALF/ HEIFER RALLY” organized by R. B. R. Unit



Under the aegis of “Surti Buffalo Breeders Association of Gujarat” project, financed by the Department of Animal Husbandry, Govt. of Gujarat, Gandhinagar at “Reproductive Biology Research Unit” of Veterinary College, AAU, Anand, total eight “Calf/ Heifer Rally” (*Tandurast Padi Harifai*) were organized in the villages namely, Kathana, Bagdu, Kahanwadi, Jaolnimuvadi, Ambav, Lolpura, Rakhial, and Khorwad in the months of January-February 2019. Total 333 calves/heifers and 672 owners participated enthusiastically. In each village, owners of first three ranked heifers, were given certificates and Rs. 3000, 2000 and 1000/- cash prizes. Owners were also provided kit bags in which, one kg Anubhav Mineral Mixture and reading materials were provided. The programs were organized under the guidance of Dr. A. M. Thaker, Dean/Principal, Veterinary College, Anand. Dr. N. P. Sarvaiya, Research Scientist and Head coordinated the programs. In each program, three technical staff of the college acted as judges and also gave information to buffalo owners regarding conservation, development and scientific management practices of *Surti* buffaloes.

◆ Pashupalak Goshti

The College in collaboration with Shroffs Foundation Trust, Vadodara under their Kamdhenu Project organized a “Pashupalak Goshti” at Village Moti Sandhali, Ta/Dist. Chhotaudepur on 23rd February 2019. More than 130 dairy farmers participated in the *Shibir*. Dr. A. J. Dhami, Dr. J. A. Patel, Dr. D. V. Chaudhari, Dr. J. K. Mahla, Dr. R. J. Modi, Dr. K. K. Sorathiya, Dr. D. B. Sadhu

and Dr. S. S. Pandya from Veterinary College delivered subject specific significant and farmers’ friendly tips on animal breeding, feeding, housing, health care, heifer raising etc including measures to control contagious diseases and infertility in their animals. The *Shibir* was very successfully organized and coordinated in the tribal belt by officers of Shroffs Foundation Trust, namely, Mr. Mahendra Patel, Head Development; Mr. M. A. Makwana, Sr. Programme Officer; Mr. Ranjeet, LI and others. A



very good interaction with the farmers and faculty was held during this *Shibir* that motivated the poor folk of the region towards sound animal husbandry practices.

◆ Animal Health cum Surgical Camp

The College in collaboration with Shroffs Foundation Trust, Vadodara organized “Animal Health cum Surgical



& Fertility Camps” simultaneously at two Villages, viz., Moti Sandhli and Sanada, Ta/Dist. Chhotaudepur on 24th February 2019. About 385 animals (247 cows, buffaloes, bullocks, and 138 goats) were presented for general health checkup, deworming, nutritional supplements and treatment of various skin disorders, infertility, pregnancy diagnosis including castration and patellar desmotomy in these two camps. Dr. A. J. Dhami, Dr. J. A. Patel, Dr. D. V. Chaudhari, Dr. J. K. Mahla, Dr. D. B. Sadhu, Dr. S. S. Pandya, Dr. R. J. Modi, Dr. K. K. Sorathiya and eight post-graduate students from the College took part in the camps. There was an overwhelming response from the farmers. The camps were successfully organized and sponsored by Shroffs Foundation Trust. Their officers namely Mr. Mahendra Patel, Head Development; Mr. M. A. Makwana, Sr. Programme Officer, and a large team canvassed and coordinated the event.

◆ **Dr. M. N. Brahmhatt takes over the charge of Principal & Dean**

Dr. M. N. Brahmhatt, former Registrar, Anand Agricultural University, Anand has been appointed as In-charge Principal & Dean, College of Veterinary Science & A.H., Anand Agricultural University, Anand from 01/06/2019 as Dr. A. M. Thaker, Principal & Dean, retired on 31/05/2019.

News update:

The 20th Livestock Census was launched in October, 2018 and was carried out in about 6.6 lakh villages and 89 thousand urban wards across the country covering more than 27 crores of Households and Non-Households. This was also the first time that livestock data was collected online during the Census. It has been carried out periodically since 1919.

Population of cows in the country has gone up 18 per cent from 12.3 crore in 2012 to 14.4 crore in 2019. The overall cattle population in India increased only marginally (0.8%) to 19.25 crore compared to the previous census, which estimated the number at 19.09 crore in 2012. The livestock census is conducted across the country by the Department of Animal Husbandry & Dairying under Ministry of Fisheries, Animal Husbandry & Dairying.

◆ **All India Veterinary Professional Quiz Competition**



The students of the College participated in All India Veterinary College Table Tennis, Badminton tournaments and Professional Quiz Competition organized by G. B. Pant University, Pantnagar from 14th to 16th March 2019. Sixteen Veterinary colleges of the country and a total of 290 students participated in the event. The students viz. Shri Goparam, Shri Pranav Anjaria, Shri Preet Shah and Shri Anoop Kumar secured second position in all India professional quiz competition and also won silver medal whereas, in table tennis event, boys team of the College reached to semifinal round.

◆ **Continuous Veterinary Education Programme (CVE) on Canine Dentistry**

Department of Veterinary Surgery and Radiology of the College organized Continuous Veterinary Education Programme (CVE) on “Canine dentistry” sponsored by Juggat Pharma Bangalore for PG students and staff members on 08/06/2019. Speaker Dr. Vimisha Patel (Professional Dentist-Vadodara) delivered detail knowledge of canine dentistry basics, anatomy, diagnosis of routine dental problems, dental surgeries and medicinal management. Total 35 Veterinary Graduates attended one day CVE and gained basic and advance knowledge of canine dentistry.



COLLEGE OF VETERINARY SCIENCE & A.H., SDAU, SARDARKRUSHINAGAR



◆ Technical seminar organized under the aegis of VAAS on World Veterinary Day

One day technical seminar on “Diagnostic and managerial step up to improve the fertility for sustainable dairy farming” was organized by the Department of Gynaecology and Obstetrics of the College on 27th April, 2019 to celebrate the World Veterinary Day under the aegis of Vets Alumni Association Sardarkrushinagar (VAAS) in collaboration with Banas dairy, Palanpur. Dr. A. M. Thaker, Dean, Veterinary college, AAU, Anand was the chief guest of the seminar. Dr. V. B. Kharadi, Dean, Veterinary college, NAU, Navsari; Mr. Kamrajbhai Chaudhari, Managing Director, Banas dairy, Palanpur; Dr. R. N. Singh, Director of Research and Dr. M. R. Prajapati, Registrar and Dean, C. P. College of Agriculture, SDAU were the guests of honor. The eminent speakers Dr. M. K. Jhala, Associate Director of Research, AAU, Anand; Dr. Suresh Kumar Dabas, Principal scientist, ICAR-Central Institute for Research on Cattle, Meerut, UP; Dr. C. H. Pawshe, Professor, MAFSU, Nagpur, highlighted various issues related to vaccination as well as Animal Reproduction. Dr. Ramesh D. Joshi, the senior veterinarian from Banas dairy, Palanpur emphasized on role of dairy co-operatives in improving dairy animal fertility through various projects. The technical session was followed by brain storming discussions between the participants and speakers. A special feature of “Competitive Session for the clinical case presentation” was arranged during the second session. The seminar was attended by 281 veterinarians from Government Organizations, Agricultural and Veterinary Universities, Dairy co-operatives, Private practitioners, Pharmaceuticals and NGO’s. The seminar

was organized under the able guidance of Dr. D. V. Joshi, President (VAAS) & Dean, Veterinary College, SDAU, and Dr. H. C. Nakhshi, Professor, as the organizing secretary. On the occasion, new VAAS executive body was also elected and welcomed by the VAAS General Body.

◆ Clinical camps organized

Department of clinics, Dr. V. M. Jhala Clinical Complex, Deesa organized Bird Rescue & Treatment Camp (13, 14, 15/01/2019) at seven different places in Palanpur, Deesa and Dantiwada, and Equine Clinical Camp at Jasara (February 03-04, 2019). A total of 420 animals were treated.

◆ Excellent performance in Army Wing NCC ‘B’ Examination

Students of the College performed excellently in NCC (National Cadet Corp) ‘B’ examination held on 16-17 Feb, 2019 at Mehsana. Out of total 329 students appeared in the examination, 34 cadets were from Veterinary College of SDAU. Only four cadets passed the exam with A grade out of which, three viz. Parikunwar Parmar, Priya Sharma and Ria Bhatiya were the students of this College.

◆ Veterinary student shines at National level

Mohan Ram, 8th semester student of the College got All India 2nd rank in Debate competition (Against category) during 19th All India Inter Agricultural Universities Youth Festival (AGRIUNIFEST) held from February 3-7, 2019. Topic of the debate was ‘Is social media platform

demolishing moral values of Youths?'. A total of 56 students, from different State Agricultural Universities and ICAR institutes, participated in the debate competition.

◆ **All India Professional Quiz Competition (2018-19)**

Students of the College performed well and were finalist team in All India Veterinary Colleges' Professional Quiz

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◆ **National Seminar-cum-training**



One day National Seminar-cum-training on “Applications of Advanced Instrumentation in Drug Discovery and Role of Veterinarians in Biomedical Science” was organized by Department of Veterinary Pharmacology and Toxicology, under the aegis of NAHEP, Institutional Development Plan, ICAR on 04/01/2019. Dr. Deepak Barot, President & CEO, Prerana Bio-innovations Research, Gandhinagar; Dr. Satish Patel, Senior Scientist, Deputy General Manager at Zydus Research Centre, Cadilla Health Care, Ahmedabad and Dr. K. B. Patel, Chief Veterinary Officer, Institute of Liver and Biliary Sciences, New Delhi participated as experts and they focused on automation in drug discovery, importance of transgenic animals and role of veterinarians in pharma industry. Dr. U. D. Patel, Associate Professor and Organizing Secretary deliberated interactive lecture on Robotics and Artificial Intelligence



Competition 2018-19 held at G. B. Pant University of Agriculture & Technology, Pantnagar, from March 14-16, 2019. A total of 14 veterinary colleges participated in the event. Team of Veterinary College, Sardarkrushinagar comprised of four UG students viz. Bhanwar Devendra Singh, Shweta Khatri, Tapendra Saini and Priyanka Kumari Sharma.

in drug discovery. Dr. A. R. Pathak, Hon'ble Vice Chancellor, JAU, Junagadh presided over the function with motivational remarks in his speech. Dr. N. M. Shah, Rtd. Principal and Dean, Veterinary College, SDAU, S.K. Nagar was Chief Guest. The event was held under the guidance of Dr. V. P. Chovatia, Director of Research and Dr. P. H. Tank, Principal and Dean of the College. Students (103) and faculties (32) were truly benefited by updating their scientific information on various modern and advanced strategies on drug discovery and sophisticated instrumentation in biomedical sciences with special reference to artificial intelligence and robotics and also conceptualized the role of veterinarian in this upcoming scientific area.

◆ **Veterinary Clinical Camp Organized at Bhanvad**



A special Veterinary Clinical Camp was organized by Shree Bhanvad Mahajan Panjarapol Gaushala, Bhanvad in collaboration with the College and Animal Husbandry Department, Devbhoomi Dwarka district on 1st Febuary, 2019 at Bhanvad, which was sponsored by Shaurashtra Prani Kalyan Trust. Dr. K. H. Parmar, Dr. V. D. Dodiya, Dr. N. R. Padaliya, Dr. Binod Kumar and Dr. J. A. Damor along with postgraduate students from clinical departments and internee students delivered their expertise in the Camp. During the camp, 125 animals

were treated for different medical (89), surgical (23) and gynecological (13) ailments.

✦ **Training on “Personality Development & Body Languages”**



A two days Programme on “Personality Development & Body Languages” was organized by Student’s Counselling and Placement Cell of the College and Director of Students’ Welfare, JAU, Junagadh under the aegis of NAHEP, Institutional Development Plan, ICAR during 15-16 February, 2019. The Training programme was organized with the aim to impart the understanding of importance of personality development and various types of body language which will be useful to veterinary students for improvement in communication skill. The programme was inaugurated by Dr. S. M. Upadhyay, Director of Students’ Welfare and Dr. P. H. Tank, Principal & Dean, and coordinated by Dr. J. B. Kathirya and Dr. C. M. Modi

✦ **“Entrepreneurship Orientation Workshop” under IDP Plan**



A two days Programme on “Entrepreneurship Orientation Workshop” was organized by Student’s Counselling and Placement Cell of the College and Director of Students’ Welfare, JAU, Junagadh under the aegis of NAHEP, Institutional Development Plan, ICAR during 13-14 March, 2019. The workshop delivered hands-on training to nurture entrepreneurship skills in students and provided orientation on how to conceive an idea, shape it and arrive at an entrepreneurship plan. The programme was inaugurated by Dr. V. R. Malam, Director of Students’

Welfare and Dr. P. H. Tank, Principal & Dean, and coordinated by Dr. J. B. Kathirya and Dr. C. M. Modi.

✦ **International Women’s Day**



The College celebrated International Women’s Day on the theme ‘Balance for Better’ under the aegis of Gender Champion Club (Joint initiative of the Ministry of Women and Child Development and Ministry of Human Resource Development) on 8th March, 2019. Dr. Vaibhavi Sanghvi, Veterinary Doctor, Wild Life Care Center, Ahmedabad and Miss Kirti Rajgor, Wild Life Rescuer, Junagadh shared their professional experiences with the participants. Dr. V. R. Malam, Director of Students’ Welfare, JAU; Dr. P. H. Tank, Principal and Dean, Veterinary College; Dr. Y. L. Vyas, Rtd. Professor & Head, Veterinary College, AAU and Mr. Jiladiya Nikunj, Gender Champion of College of Veterinary Science and Animal Husbandry spoke on ‘Gender Equality’ during the function. Dr. Joice P. Joseph, Nodal Teacher, Gender Champion Club coordinated the programme. The event inspired staff and students and was a step towards achieving gender equality. A craft exhibition on the theme ‘Balance for Better’ was also organized. Team of Mr. Harshad Dave (2nd Year B. V. Sc. & A. H.) and Mr. Kansagra Bhargav (4th Year B.V.Sc. & A.H.) bagged first prize in the competition. Miss Kaneriya Bhargavi, Miss Sagrika Bhatt and Miss Vanpariya Shruthi (second prize) and Mr. Kachhra Sohil and Mr. Umang Patel (third prize) were other winners.





◆ Annual Day and World Veterinary Day-2019 celebration

The College celebrated Annual Day named “VET SHAURYA – 2019” on April 26, 2019. Dr. P. V. Patel, Director Extension Education, JAU, Junagadh inaugurated 8th Annual Day of this college as President of the function. Dr Kishor Transadiya, Veterinary Entrepreneur & Pet Practitioner, Ahmedabad; Dr. V. R. Malam, DSW; Dr. P.



M. Chauhan, Registrar; Dr. P. H. Tank, Dean, Veterinary College, Deans of other colleges and teachers/scientists of the University graced the function, during which Annual Report-2018 and College Magazine 2017-19 were released. In addition to this, Prizes/certificates were distributed to winner students of different events. The “World Veterinary Day-2019” was also celebrated on 27th April, 2019 by conducting Veterinary quiz competition and presentation by different Veterinary Pharma firms. Two days celebration ended with amazing cultural programme by the UG & PG students as well as faculty members. Whole programme was organized by Students’ Representative Council of this college under the guidance of Dr. R. J. Padodara, Chairman, SRC.

VANBANDHU COLLEGE OF VETERINARY SCIENCE & A.H., NAU, NAVSARI



◆ National Conference

National Conference on “Enhancing Rural Livelihood through Buffalo Productivity and Health” was organized by Instructional Livestock Farm Complex and Animal

Genetics and Breeding departments of Veterinary College in collaboration with Indian Society for Buffalo Development, Hisar during January 17 – 19, 2019. Total 131 delegates across the country participated in the conference.

◆ Certificate course in “First Aid in Avian Health Management”



College of Veterinary Science and Animal Husbandry, NAU, Navsari started a six months certificate course “First Aid in Avian Health Management” approved by the Academic Council of the University from the academic year 2017-18. The second batch of the same was started from August 2018 in which 10 participants were admitted. Valedictory function and certificate distribution ceremony was organized on January 5, 2019 in the presence of Hon’ble Director of Extension Education NAU, Navsari, Dr. G. R. Patel. The course was initiated to provide the primary information to the volunteers about handling as well as management of the injured birds, particularly during kite flying festival. Total 8 participants successfully completed the course.

◆ Echocardiography and haemodialysis facilities

In medical sciences, echocardiography and haemodialysis techniques are now routine procedures. However, in India

only a few veterinary institutes have started the use of these facilities in Veterinary field but they are not at all used in Gujarat. Therefore, it is the matter of pride that these facilities have been made available at Navsari Veterinary College with sincere efforts of Dr. V. S. Dabas and his team mates Dr. S. A. Mehta and Dr. S. M. Parmar. Till date, more than 50 dogs have been successfully screened by echocardiography to rule out different cardiovascular disorders. Similarly, the haemodialysis has also been started from April, 2019 for management of acute and chronic renal failures in dog.

- All India Veterinary College Badminton, Table Tennis and professional quiz competitions were held at G. B. Pant University of Agricultural & Technology, Pantnagar, from 15/03/19 to 17/03/19. The boys table tennis team from Veterinary college, Navsari was runners up while the girl’s badminton team reached semifinals and in professional quiz competition the students finished fourth among all the participating teams.

✿ KAMDHENU UNIVERSITY ✿

◆ Scientific Animal Husbandry Training Programme

“Scientific Animal Husbandry Training Programme” was organized on 7th March, 2019 at Mubarakpur, Ta. Kalol, Dist. Gandhinagar. The programme was inaugurated by Dr. P. H. Vataliya, Director of Extension Education. Shri Pravinbhai Patel, Chairman, Village Dairy Co-operative Milk Collection Centre, Mubarakpur and Shri Jaiminbhai Patel, Sarpanch, Mubarakpur remained present in the programme. More than 230 dairy farm women participated in the training programme. In his inaugural speech, Dr. P. H. Vataliya delineated the benefits of training programme



to farmers. Dr. S. J. Vekariya, Dr. M. B. Rajput and Dr. G. R. Chaudhary delivered technical talks which were followed by question-answer session. The training was

mainly focussed on modern dairying, ration balancing, health, hygiene, artificial insemination and clean milk production about which dairy farm women got recent technical updates.

◆ Education Connect - 2019



Nav Gujarat Samay organized Education Connect - 2019 at Shyam Prasad Vasavda Community Hall, Maninagar East, Khokhra Circle, Ahmedabad on 8 – 9 June, 2019. Kamdhenu University participated in the said education fair, which was held to help students to make the right choice for their education and future careers. Education Connect-2019 was formally inaugurated by Shri Pradipsinh Jadeja, Hon. Home Minister, GoG; Smt. Anju Sharma, IAS,

Secretary, Higher and Technical Education, GoG; Dr. N. H. Kelawala, Hon. Vice Chancellor, Kamdhenu University; Dr. Himanshu Pandya, Hon. Vice Chancellor, Gujarat University; Dr. Harshad Patel, Hon. Vice Chancellor, IITE; Dr. P. H. Vataliya, Director of Extension Education, Kamdhenu University and other dignitaries. Shri Bhupendrasinh Chudasama, Hon. Education Minister, GoG also visited the education connect on 9th June, 2019. Total 37 stalls of different universities, colleges, other institutions and foreign university consultants were arranged. Hon. Minister appreciated the various academic courses of KU as well as its research and extension activities. Nearby about 500 students/parents visited the stall in two days. Visitors were provided career guidance in the fields of Veterinary, Dairy and Fisheries.



✿ VET BEYOND THE BOUNDARIES ✿

Dr. Rajendrakumar K. Patel, Deputy Collector, at present is serving as Personal secretary to Minister of State, Narmada and Urban Housing since July, 2019. He obtained B.V.Sc. & A.H. degree from College of Veterinary Science and Animal Husbandry, Anand in the year 1999. He then joined Sabar Dairy, Himmatnagar as Veterinary officer in

1999. He was selected as Veterinary Officer in Department of Animal Husbandry after clearing GPSC (Veterinary officer) examination and was posted at Veterinary Dispensary, Chobari, Tal:Bhachau, Dist:Kutch in April, 2003. He was transferred to Veterinary Dispensary, Vijaynagar (Sabarkantha) in 2005 and during this time, he prepared for general GPSC (2005-06), cleared Interview and was selected in Mamalatdar cadre. After getting the training at SPIPA, Ahmedabad, he was initially posted as Mamalatdar, Mehsana; and then got regular posting as Mamalatdar and Executive Magistrate at Tharad, Dist:Banaskantha in 2012. During this tenure, his excellent services during floods of 2015 were very much appreciated. Then, he worked as Mamalatdar and Executive Magistrate, Vadgam, Dist:Banaskantha, until he got promotion of Deputy Collector in September, 2016 and was posted as Land Acquisition Officer, Sipu Yojna, Palanpur, with additional charge of Administrator of "Shri Arasuri Ambaji Mata Devasthan Trust" for one year. Subsequently, he served as Prant Officer and Sub-divisional Magistrate at Palanpur as well as at Jamanagar (Rural). He was then appointed as Personal Assistant to Minister of State, Irrigation, Water Supply (Independent Charge) from May, 2018 to June, 2019.



Such an illustrious career of him included his services as field Veterinary Officer in Sabar Dairy and in Department of Animal Husbandry for around 12 years. The veterinary fraternity feels proud about his achievements and laurels, and wish him best wishes for future endeavors.

As the objective of this news letter is to develop continuous interaction between the council and the registered veterinarians, any achievement/significant contribution made by the registered professionals may please be communicated (at registrar@gvc.org.in or mkjhala_2003@yahoo.co.in) for sharing the same with all concerned through this News letter. This News letter is also available on the website of the Council www.gvc.org.in.

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BOOK-POST



GUJARAT VETERINARY COUNCIL

(Statutory Body of Government of Gujarat established under Indian Veterinary Council Act, 1984)

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