

Seminar on Importance of Clinical Physiology in BVSc & AH syllabus and its Field Importance

Organised by
Society of Animal Physiologists of India
West Bengal Veterinary Council
Faculty of Veterinary & Animal Sciences, WBUAFS

September 18, 2012 at 2:00 PM

West Bengal Veterinary Council Auditorium, Belgachia Kolkata – 700 037

PROCEEDINGS

The dignitaries viz. **Prof C S Chakrabati**, Vice Chancellor, West Bengal University of Animal & Fishery Sciences; **Prof B C Sarmah**, Vice Chancellor, CMJ University and President, SAPI; **Dr M K Tewari**, President, West Bengal Veterinary Council; **Prof A K Samanta**, Dean, Students Welfare, WBUAFS; **Dr D C Shukla**, Former Head, Division of Physiology & Climatology, Indian Veterinary Research Institute, Bareilly; **Dr T B Bose**, Vice President, WBVC; **Dr P K Das**, General Secretary, SAPI, **Prof S Sanyal**, Zonal Coordinator (Eastern Zone) for the Seminar and **Dr A Mukherjee**, Registrar, WBVC took the chair on the dias and were felicitated by the faculty students.

About 225 audiences include students, teachers and staff of the WBUAFS, West Bengal and Assam Agriculture University, Assam and Birsa Agriculture University, Jharkhand and Field Veterinarians under the Animal Resources Development Department, Government of West Bengal participated in the Seminar.

Prof A K Samanta and Dr B C Das, Senior Scientist, IVRI (EZ), Kolkata delivered the welcome address and vote of thanks respectively for the occasion. All the dignitaries delivered their opinions on the issue as raised by Prof S Sanyal with a brief overview on the topic. Dr P K Das concluded the session with the followings:

Opinion from the University – Prof C S Chakrabarti, VC, WBUAFS opined that Physiology is one of the most important parts of molecular biology and with the advancement of knowledge as well as specialization in all aspects of biological sciences the Clinical Physiology has got the momentum to become a part of BVSc & AH course. But, in which way this will be incorporated in the BVSc & AH course that should be reviewed properly.

Opinion of SAPI – Prof B C Sarmah, VC, CMJ University and President, SAPI and Prof S Sanyal, Coordinator, Regional Seminar expressed their views for introduction of such course in the syllabus in the light of more specific diagnostic approach and proper line of remedy to cure the patient. The example cited as – to take a specific measure of a patient the medicine specialist had to first identify the principle of deviation of the system which caused the disease and that can be done on the basis of the knowledge of clinical physiology.

Opinion of WBVC – Dr M K Tewari and Dr T B Bose opined that keeping parity with the advancement of education and to compete the course curricula prevailed in advanced countries the issue of the topic is justified.

Opinion of the Invited Speaker – Dr Dinesh C Shukla gave his view as Biochemistry, Pharmacology were the subjects developed from Physiology, hence, considering the present need in view of expansion of the subject like Veterinary Physiology – Clinical Physiology may be the separate course in one semester under the major course curriculum of Veterinary Physiology at under graduate level. He also opined that reorientation of the course content in 3rd and 4th semester in BVSc & AH syllabus is necessary to avoid the overburden of syllabus in one semester.

Opinion from the interaction – During the interaction with the participants it was unanimously resolved that the importance of Clinical Physiology is essential with the Clinical Pathology and Clinical Biochemistry. It may be come up at the end of third year or at the initial part of fourth year. Some infrastructures along with trainers' training may be imparted before introduction of such courses are also felt necessary.

The following recommendation had been accepted unanimously from the seminar –

Contd. 2

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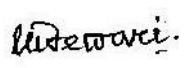
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Recommendation

1. Knowledge of biophysics, bioelectrical, bimolecular, biochemistry and physiogenomic has enriched the knowledge of physiology in the recent time. However, most of the knowledge gain over the years has not been optimally applied in the area of health care and animal production programmes. Physiology which deals with the functions of cell, organ and system and thus forms the basis of medical or veterinary practice keeping in view for sustainability of animal production. Clinical physiology needs judicious consideration for incorporation into BVSc & AH syllabus. Since, very little intervention of physiology has been applied in the diagnosis and the clinical approach which needs to be emphasized in view of rational support to the medicine. As it has already been recognized by the medical and veterinary profession in many developed countries the physiological basis of medical veterinary practice is the key of modern clinical practice. Therefore, in view of all these facts and the deliberation in the seminar, the house rightly recommended the introduction of a course in BVSc & AH syllabus on 'Clinical Physiology'.
2. While reviewing the course syllabus in veterinary physiology in undergraduate programme it was observed by the entire faculty, representatives of the state Veterinary Department and West Bengal Veterinary Council present in the seminar felt that there is a discontinuity in imparting veterinary physiology education in the 3rd semester and the overloading of 4th semester with the vast course content in growth, behavior, environmental physiology, lactation, reproduction and endocrinology. In the deliberation and interaction during the seminar it is advocated that the 4th semester courses has to be split into two courses keeping the continuity of the veterinary physiology education in undergraduate course.

September 18, 2012
Kolkata


Prof S Sanyal
Coordinator
Seminar (EZ), SAPI


Dr M K Tewari
President, WBVC and
President, Seminar


Prof A K Samanta
DSW
WBUAFS

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Brief Report

Seminar		Resolution	Coordinator	Remarks
Topic	Speaker			
Eastern Zone at VCI Auditorium, Kolkata on 18.9.2012. Total Participants: 225				
Importance of Clinical Physiology in BVSc&AH Syllabus and its Field Application. At 2:30 PM	Prof. B C Sarmah, VC, CMJ University and President, SAPI and Dr. D C Shukla, Former Head, Div. of Climatology and Physiology, IVRI, Bareilly	<p>1. Knowledge of biophysics, bioelectrical, bimolecular, biochemistry and physio-genomic has enriched the knowledge of physiology in the recent time. However, most of the knowledge gain over the years has not been optimally applied in the area of health care and animal production programmes. Physiology which deals with the functions of cell, organ and system and thus forms the basis of medical or veterinary practice keeping in view for sustainability of animal production. Clinical physiology needs judicious consideration for incorporation into BVSc & AH syllabus. Since, very little intervention of physiology has been applied in the diagnosis and the clinical approach which needs to be emphasized in view of rational support to the medicine. As it has already been recognized by the medical and veterinary profession in many developed countries the physiological basis of medical veterinary practice is the key of modern clinical practice. Therefore, in view of all these facts and the deliberation in the seminar, the house rightly recommended the introduction of a course in BVSc & AH syllabus on 'Clinical Physiology'.</p> <p>2. While reviewing the course syllabus in veterinary physiology in undergraduate programme it was observed by the entire faculty, representatives of the state Veterinary Department and West Bengal Veterinary Council present in the seminar felt that there is a discontinuity in imparting veterinary physiology education in the 3rd semester and the overloading of 4th semester with the vast course content in growth, behavior, environmental physiology, lactation, reproduction and endocrinology. In the deliberation and interaction during the seminar it is advocated that the 4th semester courses has to be split into two courses keeping the continuity of the veterinary physiology education in undergraduate course.</p>	Prof S Sanyal, WBUAFS; sanyal57@rediffmail.com; 09330971023	VC and Dean of WBUAFS; President of WB Veterinary Council and Field Veterinarians also present in Seminar



Dignitaries at dias



Team behind the seminar



**Prof C S Chakrabarti
addressing seminar**



**Prof B C Sarmah
addressing seminar**



**Dr M K Tewari
addressing seminar**



**Dr D C Shukla
Presenting lead paper**



**Prof S Sanyal
Presenting overview of seminar**



**Prof A K Samanta
Presenting welcome address**



**Dr P K Das
Presenting concluding speech**



Dr T B Basu
Addressing seminar



Dr B C Das
Presenting Vote of Thanks



Audience



Interaction



Quiz - Medal



Winner team of BAU, Jharkhand



Appreciation certificate to AAU, Assam



Appreciation certificate to WBUAFS, WB



Memento to Prof B C Sarmah



Memento to Dr D C Shukla