



Two-Day Workshop on Diarrhoea and Electrolyte Imbalance in Ruminants

March 12-13, 2020 at UVAS Lahore



Organized by:
Department of Veterinary Medicine
Faculty of Veterinary Science
University of Veterinary and Animal Sciences
Lahore-Pakistan

WORKSHOP OVERVIEW

This workshop will predict the true picture of after effects of diarrhea in clinical cases of ruminants in Punjab. It will also lead to devise a more reliable test for the diagnosis of serum electrolytes and trace elements in small and large ruminants such as atomic absorption spectrophotometer. Finally the data originating from this study will be helpful to understand the correlation of serum electrolytes and trace elements with clinical signs of diarrhea in ruminants and to develop future strategy. The research will be published in scientific journals and popular article will also be published for the benefit of general public. A further development of medicine laboratory will be done with in turn will increase its capacity for research. Partnership with other laboratory will be established. The established techniques will be part of syllabi of postgraduates of Department of Clinical Medicine, faculty of Veterinary science, UVAS, Lahore. Better treatment options will be available to curtail the drastic cases of diarrheal disease, under field conditions. The project out comes will open a new horizon for the better options to have a policy for prophylaxis and control of diarrheal disease in areas of Punjab.

ECONOMIC IMPORTANCE

Keeping in view the economic importance and the losses caused by diarrhea in ruminant, this study is designed to evaluate the relationship of diarrhea, with serum electrolytes and some trace elements such as Ca, Na, Cu, Zn, Mn and Fe in ruminants of Punjab province.

Workshop Venue: Seminar Room, Veterinary Academy Building, UVAS, Lahore
For more information and registration please contact:

Dr. Jawaria Ali Khan
jawaria.khan@uvas.edu.pk

REGISTRATION FEE:

Faculty and Researchers Rs. 2500
Postgraduate Students Rs. 1500 (needs to provide proof for studentship)
Registration deadline: Friday, March 06, 2020
Participation is limited and will be on first come first serve basis
Registration fee of the workshop includes workshop material, light lunches each day and tea in the morning.

LEARNING OUTCOMES

The study will predict the true picture of after effects of diarrhea in clinical cases of ruminants in Punjab. It will also lead to devise a more reliable test for the diagnosis of serum electrolytes and trace elements in small and large ruminants such as atomic absorption spectrophotometer. Finally the data originating from this study will be helpful to understand the correlation of serum electrolytes and trace elements with clinical signs of diarrhea in ruminants and to develop future strategy. The research will be published in scientific journals and popular article will also be published for the benefit of general public. A further development of medicine laboratory will be done with in turn will increase its capacity for research. Partnership with other laboratory will be established. The established techniques will be part of syllabi of postgraduates of Department of Clinical Medicine, faculty of Veterinary science, UVAS, Lahore.

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WORKSHOP PROGRAM

Day-1* (Thursday, March 12, 2020)			
Opening Session			
08:30 - 09:00	Registration / Reception	Mr. Suman Vasant Mr. Kamal Aziz	
09:00 - 09:05	Resolution from Holy Quran	Dr. Hali Razaan	
09:05 - 09:10	Welcome Reception	Dr. Syed Saleem Ahmad Chairman, DVM, UVAS	
09:10 - 09:20	Aims & Objectives of workshop	Dr. Jawaria Ali Khan Associate Professor, DVM	
09:20 - 09:30	Diarrheal diseases - Zoonotic implications	Dr. Sabah Siddiqui Lead Consultant, P&D, Punjab	
09:30 - 09:40	Remarks of the Chief guest	Prof. Dr. Naim Ahmad VCI, UVAS, Lahore	
09:40-10:00	Tea Break		
Technical Session			
10:05-10:40	What is diarrhea? Causes and its clinical importance	Lecture	Prof. Dr. M. Sarmad Khan
10:40-11:20	Pathogenesis of causes of diarrhea	Lecture	Dr. Muhammad Ijaz
11:20-12:00	Economic losses due to diarrhea	Lecture	Prof. Dr. Anwar Zahoor Durrani
12:00 - 01:00	How to check electrolyte status in diarrheic animals	Practical	Dr. Muhammad Anwar Syed Haidar Zaman
01:00 - 02:00	Prayer and Lunch Break		
02 - 03:00	Field therapy and collection of fluid specimens	Practical	Dr. Zahid Iqbal / Dr. Wasim Shikhan / Dr. M. Arifan
03:00 - 04:00	Physical examination of diarrheic animals	Practical	Dr. Sarmad Vetter / Dr. Anwar Yar / Dr. Mansoor Amani
Day-2* (Friday, March 13, 2020)			
Technical Session			
08:00-09:20	Travel to B&P, Punjab		Dr. Muhammad Ijaz
09:20 - 10:00	Prevalence of occurrence of diarrhea	Lecture	Dr. Zia ur Rehman
10:00 - 10:20	Tea Break		
10:20 - 11:20	Best farm practices to prevent and control neonatal diarrhea in composite farms	Practical	Dr. Zia ur Rehman/Shahid Saifullah Ali
11:20-12:20	Diagnosis and isolation microorganisms - the importance of farm practices	Practical	Dr. Naveed-Ul-Haq/Dr. Saifullah Ali
12:20 - 01:20	Management of outbreaks of diarrhea at dairy farms - Practical tips	Practical	Dr. Zahara Vetter / Dr. Kabir Ali
01:20-02:00	Prayer and Lunch Break		
02:00 - 03:00	Contaminant Distribution	Practical	



Contact: **Dr. Jawaria Ali Khan**, 03004104696 jawaria.khan@uvas.edu.pk