



REGULATORY VETERINARY CONTINUING EDUCATION



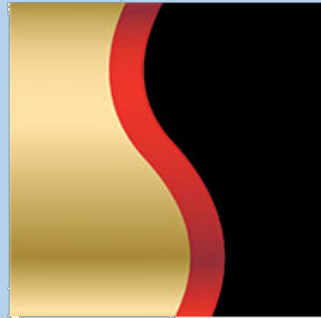
2019

Pharmacology Review for Regulatory Veterinarians	Dr. Cindy Cole, Director of the Florida Racing Laboratory and Clinical Associate Professor at the University of Florida, will provide information regarding pharmacology, including pharmacokinetics and pharmacodynamic concepts important for regulatory veterinarians in understanding research into therapeutic medications as well as illegal substances. Veterinarians will be instructed on how these concepts apply in the regulatory environment.
Pre-Race Examination in the Shedrow	Participants will perform mock pre-race exams on racehorses stabled at Keeneland. The Regulatory Veterinarians will be assigned to small groups and have the opportunity to consult on the interpretation and recording of exam findings—harmonizing terminology to allow for accurate interpretation of others' exam findings. Following the exams, attendees will reconvene in the meeting room to discuss findings between groups and further harmonize the exam process.
Out of Competition Testing Strategies: Domestic and International	Panelists (Dr. Tessa Muir, Anti-Doping Manager for the British Horseracing Authority; Dr. Rick Arthur, Equine Medical Director for the California Davis School of Veterinary Medicine; and Mr. Ismael Trejo, Executive Director of the New Mexico Racing Commission), will discuss strategies for effective and efficient out of competition testing protocols as well as investigation considerations for a positive finding. The goal will be for veterinarians to be able to develop their own testing strategies as well as develop decision making skills regarding when and how to conduct an investigation.
Why we regulate therapeutic medication in horseracing	Dr. Mary Scollay, Equine Medical Director for the Kentucky Horse Racing Commission, will review the importance of controlling therapeutic medications in relation to racing providing participants tools to educate horse trainers and private veterinarians. Ultimately, attendees will gain the ability to speak with their clients (trainers and commissions) regarding the importance of controlling the use of these substances.
What should we be asking from our laboratories?	Panelists (Dr. Lynn Hovda, Chief Veterinarian for the Minnesota Racing Commission and Adjunct Professor at the University of Minnesota, and Dr. Anthony Fontana, Laboratory Director for Truesdail Laboratories; and Ms. Petra Hartmann, Director Equine Analytical Services at Industrial Laboratories) will discuss the role of the drug testing laboratory in horse racing including a discussions of analytic chemistry capabilities and limitations of the laboratory. As the main interface between the commission and the laboratory, the regulatory veterinarian will obtain the tools to navigate the requirements of laboratory testing.
The Statistics of Threshold Development -	Dr. Ashley Hill, Associate Professor of Clinical Epidemiology at the University of California, Davis Veterinary School, will provide information regarding the different statistical methods that can be used for determining a regulatory threshold. This will enable veterinarians to educate their clients about the differences and similarities among those methods and the benefits of each.

<p>Inadvertent Exposure or Environmental Contamination?</p>	<p>Dr. Scollay will provide an overview of the issue of inadvertent exposure for regulatory veterinarians. Additionally, there will be a discussion of ways to approach the claim of environmental contamination in the horse racing setting.</p>
<p>The Great Unknown: Compounding, Illegal New Medications, Misbranding, Mislabeling, and Adulterated Substances</p>	<p>Dr. Kenton Morgan, Zoetis Equine Technical Services veterinarian, will review the requirements of FDA drug approval, the current legal status of compounding and comparing it to illegal new medications. Additionally, recent legal cases involving misbranded and adulterated substances will be discussed.</p>
<p>Understanding the Global Discussion - A Comparison of International and US Medication Regulation</p>	<p>Mr. Alex Waldrop, President of the National Thoroughbred Racing Association will moderate a panel discussion with Dr. Tessa Muir and Dr. Dionne Benson, Executive Director of the RMTC. Panelists will discuss the differences in medication regulation in the United States racing environment versus other countries in the world. There will be a focus on the philosophy of medication regulation as well as information on how to advise those who are traveling outside the US for competitions.</p>



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