



# REGULATORY VETERINARY CONTINUING EDUCATION



## 2020

Media awareness/Training	Panelists (Amy Zimmerman, Vice President, Business Coordination & Director of Broadcasting Santa Anita Park and Emmy-award winning broadcasting executive with over 30 years experience; and Daniel Ross, a freelance journalist contributing features to The Guardian, Newsweek, Salon, Thoroughbred Daily News and Thoroughbred Racing Commentary) will provide media preparedness training for racing regulatory veterinarians who may be required to provide comment or answer questions during high-profile, high-stress events. Participants will learn skills in interacting with audio, video, and print journalists on a range of topics. Participants will learn how to become objective, science-based resources to local media and how to develop and deliver messages to a broad spectrum of audiences--from industry insiders to the general public to animal activists. Presenters will also alert attendees to interview pitfalls, responding to inflammatory or inaccurate questions, and how to maintain control of the message when confronted by the ill-informed or those with agendas opposed to horse racing.
Mock Interviews	Ms. Zimmerman and Mr. Ross will engage attendees in mock interviews (representing a spectrum of interviewer tactics) on a range of contemporary topics in horse racing (e.g. racing injuries, medication use, racing surface safety, and animal welfare/rights.) The interviewees responses will be critiqued by the media experts.
The Stronach Group's Safety and Welfare Initiatives: One Year Later and Looking Forward	Dr. Dionne Benson, Chief Veterinary Officer for The Stronach Group, will review safety, welfare, and integrity changes implemented by The Stronach Group at Santa Anita Park in response to the increased occurrence of equine exercise-related fatalities beginning December 2018. She will provide an assessment of the impact and/or efficacy of the different strategies and discuss additional measures under consideration or in the process of being staged for implementation.
RMTC Update	Dr. Mary Scollay, Executive Director and Chief Operating Officer of the Racing Medication and Testing Consortium, will discuss the genesis of RMTC-developed Model Rule submissions including: 48 hour restricted administration time for NSAIDs, 14 day stand down period for all intra-articular injections, prohibitions on stacking of NSAIDs and corticosteroids, expanded withdrawal guidance related to the use of NSAIDs and CCS to facilitate compliance with the new regulations. She will provide

	updates on ongoing RMTC-funded research, and the status of the joint RMTC/AAEP/Grayson JC Research Foundation call for research proposals on bisphosphonates.
Surface Consideration in investigating injury occurrence	Dr. Mick Peterson, Professor of Biosystems and Agricultural Engineering and the Director of Ag Equine Programs at the University of Kentucky and Executive Director of the Racing Surfaces Testing Laboratory, will discuss surface monitoring techniques--temporal and spatial, and the interpretation of surface-related data when investigating an injury 'cluster' or assertions of an unsafe surface made by stakeholders, the media, or the general public. He will discuss ongoing research in the development of a validated method for real-time moisture monitoring to allow for water application throughout a given race card to optimize moisture consistency and reduce variability in surface performance.
The Safety Stewards and the Racing Regulatory Veterinarian: Working together	Mr. Richard Lewis, Steward by the California Horse Racing Board and former Director of Racing at Bay Meadows Racecourse, will share his observations on ways to improve the interaction between racing officials and the regulatory veterinarian to the benefit of horse health and safety.
Pre-race Examination Demonstration	Dr. Barrie Grant, Del Mar examining veterinarian, Board Certified Surgeon and former head of the Equine division at Washington State University, will perform a pre-race examination on a subject horse and provide commentary on his process, justification for the scope of his exam, and observations about strengthening the rigor of the exam in support of enhancing equine safety. He brings a unique perspective to the pre-race exam given his private practice and referral surgery background. He will advocate for applying a limited neurologic assessment as a component of the standard pre-race exam.
Additional exam modalities	Dr. Grant will discuss expanding health and soundness assessment beyond the current scope of pre-race examination including consideration of auscultation of heart and lungs, EKG, accelerometer in assessing gait abnormalities, videography, consultation with remotely-located experts, and enhanced imaging techniques
Cardiology for the regulatory veterinarian	Dr. Molly McCue, Board Certified Veterinary Internist and Dean of Research at the University of Minnesota, will discuss cardiac arrhythmias and their relevance to post-exertional distress, including diagnosis and emergency response to atrial fibrillation. She will also discuss the benefits and limitations of cardiac auscultation as a component of the pre-race examinations--what are the implications of exam findings and what is the appropriate response from the examining veterinarian.
Case Histories	Dr. Scollay will present videos, exam and exercise histories, treatment reports, diagnostic imaging and medical records for group discussion and evaluation of their relevance or implications in assessing a horse's soundness/fitness to race. Attendees will participate in real-time voting from their mobile devices as a basis for discussion as information is meted out about a horse's history or physical condition
Following through: Post-exercise assessment	Dr. Lynn Hovda, the Chief Veterinarian for the Minnesota Racing Commission and Adjunct Professor at the University of Minnesota, will discuss the on-track assessment of horses post-high speed exercise (racing or training) and provide guidance for recognizing and responding to metabolic disturbances, injury and/or unsoundness. Expanded post-exercise assessment--

	<p>conducted the same or following day, or between races, represents an often-missed opportunity for the racing regulatory veterinarian to enhance his understanding of a horse's musculoskeletal health. This session will include a practical discussion of assessment strategies and a philosophical discussion of the racing regulatory veterinarian's obligation to horse health and safety outside of the immediate context of a race.</p>
<p>Examining the individual case: The Mortality Review Process</p>	<p>Many racing jurisdictions mandate necropsy for all exercise-related fatalities, but there are inconsistencies in how regulators and racing associations utilize the information when developing enhanced strategies for equine safety. Dr. Hovda will describe the mortality review process in use at several racetracks. The goal is to engage racing regulatory veterinarians in evaluating the individual case with respect to exercise, known trainer patterns and practices, and horse medical history, and to also perform population comparisons by examining 1) the unaffected controls in the race; 2) race variables (racing surface, condition, distance, race conditions, jockey factors; 3) race meet population data; 4) temporal racetrack data; and 5) national data.</p>
<p>Investigating the Injury 'Cluster'</p>	<p>Moderator (Dr. Scollay) and Panelists (Dr. Rick Arthur, Equine Medical Director for the California Davis School of Veterinary Medicine, and Dr. David Sykes, Director of Equine Health and Welfare for the British Horseracing Authority and former Head Veterinary Officer for the Emirates Racing Authority and UAE Equine Quarantine Department) will discuss a methodical approach to data collection, interaction with stakeholders, the public, animal activists, and law enforcement agencies in performing a thorough investigation and credible analysis of information acquired.</p>
<p>Pre-existing Conditions, Racing Injuries and Lessons Learned fomr the U C Davis Necropsy Program</p>	<p>Dr.Sue Stover, will present research findings documenting the type and extent of pre-existing bone pathology observed in both the affected (fracture) limb and the contralateral unaffected (non-fracture limb. Gross findings, histopathology and imaging results will be discussed with the goal of improving the sensitivity and prognostic value of the pre-race exam.</p>
<p>Wet lab: Cadaver Limbs</p>	<p>Dr. Stover will guide participants through visual inspections, palpation, and assessment of range of motion on dissected limbs to improve a correlation between pre-race exam findings with musculoskeletal pathology and to understand how training and injury affect bone adaptation or propensity for bone fracture</p>
<p>Social License to Operate</p>	<p>Dr. Jennifer Durenberger, as Jockey Club Steward at the New York Racing Association will discuss the scrutiny horse racing is currently undergoing represents and the 'new normal' with respect to societal expectations about the stewardship of racehorses. Dr. Durenberger presentation discusses the implications of social license to operate as it relates to the horse racing and breeding industries. She will provide examples of other animal-related activities that had reversals with respect to social license, stakeholder responses, and outcomes.</p>
<p>Compassion Fatigue and the Racing Regulatory Veterinarian</p>	<p>Julie Squires, founder and principal of Rekindle LLC, offering compassion fatigue solutions to animal health professions, will introduce skills related to stress management, dealing with feelings of failure in protecting racehorse safety, the emotional toll of euthanizing horses (particularly in public settings), coping with accusations and hostility directed at horseracing and those involved.</p>

<p>Equine Injury Database: Tools for the End User</p>	<p>Kristin Werner, Senior Counsel for The Jockey Club and administrator of the Equine Injury Database, will review protocols for Equine Injury Database data entry and data retrieval. Ms. Werner will provide examples of how EID data was used on a local basis in the investigation of injury outbreaks, or identification of local, site-specific risk factors for racing and/or training injuries.</p>
<p>Identifying and Staging Resources for Emergency Response</p>	<p>Dr. Michael Hardy, Chief Racing Veterinarian at Indiana Grand Racetrack and veterinary consultant to the Indiana Racing Commission, will discuss logistics of establishing an emergency preparedness plan—equipment specifications, personnel resources and training, staging and deployment plans, and incident review protocols</p>
<p>You can't make this s**t up: Responding to the Unexpected</p>	<p>Dr. Hardy will lead an interactive discussion where various scenarios will be presented to the attendees who will use their mobile devices to vote on how they would respond. This will serve as the basis for discussions on different approaches to the same event at different facilities.</p>
<p>On-track emergency drills</p>	<p>Various emergency scenarios will be staged on-track and participants will engage in real-time responses including: fracture immobilization, chemical and physical restraint techniques, loading and unloading of horses with a range of injuries, equine ambulance deployment, managing the recumbent horse, and multi-horse incidents.</p>



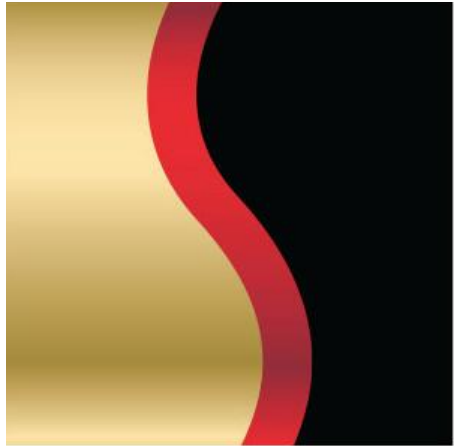
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