

# Hambletonian Continuing Education Wet Labs\*

Thursday, August 1, 2013

7:15 AM – 5:00 PM

\*Approved for CE credit by the NJ Veterinary Medical Association and the NJAEP

7:15–7:45 AM      **Registration/Sign in at Sheraton Meadowlands Hotel, East Rutherford, NJ**

7:45–8:00 AM      **Shuttle to Meadowlands Racetrack for Morning Sessions**

8:00 AM–5:00 PM      **Equine Respiratory Disease: Prep & Support during Diagnostic Procedures (sponsored by Zoetis)**

**NOTE: THIS 8 HOUR LAB IS FOR VETERINARY TECHNICIANS ONLY AND IS OFFERED FREE OF CHARGE**

## **Mark V. Crisman, DVM, MS, DACVIM**

*Dr. Crisman received his DVM from the U. of Warsaw Poland. He earned an MS in Veterinary Medicine from Washington State University. From 1987–2010 Dr. Crisman served on the faculty of the V-MRCVM where he was a Professor in the Department of Large Animal Clinical Sciences and Section Chief of Equine Medicine and Surgery. He was Director of the Molecular Diagnostics lab at the V-MRCVM. He has co/authored over 75 refereed publications and book chapters. His primary research interests include immunology, pharmacology, and inflammation associated with equine metabolic syndrome. He is also certified in acupuncture by IVAS, and is a well-known acupuncture instructor/lecturer. In 2010, Dr. Crisman joined Veterinary Operations with Pfizer Animal Health (now known as Zoetis).*

## **Megan Belcher, BS, LVT, RVT**

*Megan Belcher earned her BS degree in Veterinary Technology, with academic focus on Equine Business Management, from the Purdue University College of Veterinary Medicine. Meg is currently working as a Territory Business Manager to promote equine health and wellness products to veterinary practices in Maryland, Virginia and West Virginia on behalf of Zoetis (formerly Pfizer Animal Health). Meg has more than seven years of clinical experience working in both mixed animal and equine specific hospitals where her primary veterinary interests included camelid medicine and high risk equine anesthetic cases. Meg is a regional contact for the AAEPV and is also a member of NAVTA and the VA Association of Licensed Veterinary Technicians.*

Technicians will receive an update on respiratory disease and practice assisting veterinarians while performing radiographs and ultrasound of the lung, broncho-alveolar lavage (BAL), and the collection and preparation of samples for the lab.

8:00 AM–5:00 PM      **Equine Dentistry: Phase One (sponsored by Zoetis)**

## **Travis J. Henry, DVM**

*Dr. Henry received his degree in 1993 from Michigan State College of Veterinary Medicine. After founding and running a full service equine and small animal practice for seven years, his growing interest in equine dentistry led him to open Midwest Equine Services in Elkhorn, WI. This practice focuses on providing advanced equine dental care for horses in southern Wisconsin and northern Illinois. Dr. Henry has been involved in several patents of equine dental instrumentation, and provides testing and technical service to several companies worldwide. He is currently a Fellow in the Dentistry and Oral Surgery Service at the University of California - Davis.*

This full-day Equine Dentistry Course is designed for veterinarians wanting to expand their practice to include more equine dentistry or refresh their knowledge of anatomy, functionality and basic equilibration of equine teeth.

**8:00 AM–12:00 N Regenerative Therapies - Proven Clinical Results (sponsored by Equine Partners America and Pall Life Sciences Animal Health)**

**Alfredo Romero, DVM, DACVS**

*Dr. Romero received his DVM from Cornell University, and did a surgical internship at Hagyard Davidson McGee. While completing his residency program in equine surgery at UC-Davis, Dr Romero spent a significant amount of time gaining experience with regenerative medicine and advanced imaging techniques including CT and MRI. After his residency, he worked as an associate surgeon at Mid-Atlantic Equine Medical Center in NJ before establishing Syracuse Equine Veterinary Specialists in upstate NY. Dr Romero has a special interest in sports medicine, advanced imaging and regenerative medicine techniques.*

**Jeffrey Schaffer, DVM**

*Dr. Schaffer received his DVM from the University of Perugia, Italy. After several years of teaching and veterinary practice, he joined Pall Biomedical Products where he held a variety of positions. He currently serves as Director of Pall Animal Health where he is responsible for new initiatives in the areas of regenerative medicine and cell/platelet therapy and launching these products in the veterinary market. He is the author of a range of published studies.*

This wet lab will cover the following areas:

- 1) Science and review of the VetCell protocol
- 2) Demonstration, discussion and hands-on practice of the aspiration of bone marrow
- 5) E-PET (Equine Platelet Enhancement Therapy)
  - The only stall-side delivery of platelet therapy available. Description and demonstration of the procedure on a live horse

**8:00 AM–12:00 N Glue-on Shoes and Hoof Reconstruction Techniques (sponsored by Patterson Veterinary)**

**Patrick Reilly, Farrier**

*Pat Reilly was named the Chief of Farrier Services and Director of the Applied Polymer Research Lab at the University of Pennsylvania's School of Veterinary Medicine in 2007 after the retirement of Rob Sigafos. Prior to joining New Bolton Center, Pat served as the resident farrier at Rochester Equine Clinic in New Hampshire from 2000-2006, and was a contract farrier for the Tufts Cummings School of Veterinary Medicine. Pat's research interests include hoof balance and morphology in performance horses and therapeutic horseshoeing.*

The use of glue-on horseshoes and hoof repair techniques has become increasingly common in recent decades. This lab will alternate between brief discussions of techniques and indications for hoof pathologies followed by hands-on instruction including quarter crack repair, hoof defect repair, foal shoes and extensions, and glue-on horseshoes.

**11:45 AM–12:00 PM Shuttle from Sheraton Meadowlands Hotel to Meadowlands Racetrack for Afternoon Sessions**

**12:00 –1:00 PM Lunch at the Meadowlands Racetrack (Sponsored by Zoetis)**

**1:00–5:00 PM**

**Hands-on Equine Acupuncture Instruction (Sponsored by the International Veterinary Acupuncture Society - IVAS)**

**Kevin May, DVM**

*Dr. May received his DVM from Texas A&M in 1980. Since 1986, he has been a Partner in El Cajon Valley Veterinary Hospital in El Cajon, CA, an equine ambulatory practice with a special emphasis on sports medicine, acupuncture, chiropractic and dentistry. Dr. May was certified in Veterinary Acupuncture by IVAS in 1988, and has lectured extensively on Equine Acupuncture. Dr. May has also received advanced certification in Veterinary Chiropractic. He was the founding member and President of the American Association of Veterinary Acupuncture (AAVA) from 1992–2000, and served as President of IVAS from 2006–2008. In 2009, the AAVA awarded Dr. May a Lifetime Achievement Award for his dedicated and outstanding Service in the Field of Veterinary Acupuncture.*

Goals/Objectives:

- 1) Learn how to perform an acupuncture examination
- 2) Learn how to treat an acupuncture point with both hypodermic and acupuncture needles. Participants will be given acupuncture needles to use in the wet lab as well as to take home to continue practicing the acupuncture treatments learned in the lab.
- 3) Learn empirical points and point formulas for certain equine conditions. There will be a group of conditions addressed, then the lab will be opened up to addressing conditions the participants are concerned about.

For those attending this lab there will be follow-up support (phone, text, email) provided by Dr. May for any problems or questions they may have when they try to implement this modality on their own.

**1:00–5:00 PM**

**Successfully Obtaining Radiographs of the Equine Spine: Tips & Tricks to Optimize Your Radiographs (sponsored by Vet-Ray Technology by Sedecal)**

**Kurt Selberg, DVM**

*Dr. Selberg earned his DVM from Washington State University in 2007. He completed a three year radiology residency and simultaneous master's degree at Colorado State University. Following his residency, he stayed at CSU for a Fellowship in Advanced Imaging with training from Colorado State University and from musculoskeletal radiologists at The Imaging Center in Fort Collins, CO. He is currently an Assistant Professor of Diagnostic Imaging at the University of Georgia. He also works as a sports medicine practitioner at Virginia Equine Imaging. His area of interest is the equine athlete and musculoskeletal imaging.*

The focus of this lab is on optimizing radiographs to further your diagnostic and treatment skills. The equine spine is complex with overlapping symmetrical anatomy. The lab will be spent exploring the pertinent anatomy and radiographic approach to highlight areas of pathological change. Time will be allocated as follows:

Radiographic and gross specimen bone anatomy: 30-40 minute presentation

Demonstration of radiographic technique: 30-40 minutes

One-on-one assistance obtaining radiographs of the spine: 2.5-3 hours

**1:00–5:00 PM**

**Integrating High Power Class IV Laser Therapy into Equine Medicine (sponsored by Technological Medical Advancements)**

**Bruce R. Coren, DVM, MS**

*Dr. Coren received his DVM from Araneta University in 1983, as well as a post-graduate Masters of Veterinary Physiology and Pharmacology from Texas A&M in 1985. Currently he is the Cofounder, Chairman and CEO of Technological Medical Advancements. Dr. Coren is the founder of Class IV Laser Therapy in both human and veterinary medicine and the first to receive FDA Clearance. He has been lecturing extensively on High Power Laser Therapy in both the veterinary and human disciplines for over 11 years. It is recommended that veterinary technicians also attend this meeting as HPLT is one of the few modalities that can safely be administered by a non-veterinarian.*

This lab will cover:

- 1) Laser Therapy Biophysics – Why Power is the Key To Successful Outcomes
- 2) High Power Laser Therapy for the Treatment of 10 of the Most Common Equine Musculoskeletal Pathologies
- 3) Hands-on Laser Therapy for Attendees
- 4) How to Treat Conditions Not Covered in the Demonstration

Attendees will learn how to use a 30 watt Class IV therapeutic laser as well as how to immediately implement the technology upon return to their practice.

**5:00 PM**

**Shuttle to Sheraton Meadowlands Hotel**

**Note:**

**Shuttle will be available all day to bring participants to and from the Wet Labs at the Meadowlands Racetrack**