2017 Winter Continuing Education Conference

January 29, 2017

Doubletree Hotel
5400 Computer Drive
Westborough, MA 01581

9:00 am—5:00 pm
Forelimb Lameness and Hind Limb Lameness - Where Do We Start?
Includes in-depth overview of challenging forelimb and hind limb conditions. Conditions, orthopedic examination findings, treatment options, orthopedic devices, and prevention will be discussed.

How to Incorporate Platelet Rich Plasma (PRP) Into Your Practice
Includes an in-depth overview of the use of platelet rich plasma (PRP) therapy for the treatment of various orthopedic conditions in dogs. A detailed description of PRP including a breakdown of the components, mechanism of action, and biological activities will be discussed. The optimal PRP components (platelet concentrations, monocytes, lymphocytes, red blood cells, and neutrophils) will be covered. All commercially available canine PRP systems will be discussed in-depth and results of the multi-center prospective study comparing systems head-to-head will be presented. PRP collection, processing, and injection techniques will be described. Indications for use including osteoarthritis, tendon, and ligament injuries will be discussed. PRP treatment protocols will be shared and post-injection rehab programs will be described for the various conditions and treatments.

How to Incorporate Stem Cell Therapy (SCT) Into Your Practice
Includes an in-depth overview of the use of stem cell therapy for the treatment of various orthopedic conditions in dogs. A detailed description of stem cell therapy technologies includes adipose derived stromal vascular fraction (SVF), adipose derived cultured progenitor cells (ADPC), bone marrow aspirate concentrate (BMAC), cultured bone marrow derived stem cells, and allogeneic cells will be discussed. Commercially available patient-side canine stem cell systems and mail-out stem cell companies will be discussed along with pros and cons of each technology addressed. Adipose and bone marrow collection, processing, and injection techniques will be described. Indications for use including osteoarthritis, tendon, and ligament injuries will be discussed. Stem cell treatment protocols will be shared and post-injection rehab programs will be described for the various conditions and treatments.

Intra-articular Injections for Osteoarthritis
Includes an in-depth discussion of the various products and technologies currently available for intra-articular treatment of osteoarthritis in the canine. Products and technologies for treatment of OA in dogs will include hyaluronic acid (HA), cortisone, biologics and regenerative therapies (platelet rich plasma and stem cell therapy). Specific product description treatment protocols and processing will be included. The specific anatomical injection site landmarks will also be discussed.

Orthopedic Devices (slings, braces, orthotics, prosthetics)
Covers current available orthopedic devices as a substitute for surgical management or as an aid during the post-operative period as the patient progresses through rehab therapy. Case based presentation, device selection, ordering, and fitting information will be discussed.

Dr. Sherman Canapp completed his graduate work in biochemistry, with a research emphasis in surgical and pharmaceutical research, at Johns Hopkins University. He was the first to complete a combined DVM/MS in clinical science in surgery at Kansas State University. Dr. Canapp then completed an internship in small animal medicine and surgery at the University of Missouri, followed by a three-year residency in small animal surgery at the University of Florida. Dr. Canapp is a diplomate of the American College of Veterinary Surgeons and a charter diplomate of the American College of Veterinary Sports Medicine and Rehabilitation, of which he was past president. Dr. Canapp is certified in canine rehabilitation through the Canine Rehabilitation Institute. His particular area of interest and current research lies in regenerative medicine for the treatment of soft-tissue injuries and osteoarthritis, treatments and modalities for sports-related injuries and minimally invasive surgery, specifically arthroscopy. Dr. Canapp has extensive experience in developing and testing orthopedic and arthroscopic devices, implants and systems, as well as validating and testing regenerative medicine systems and protocols. Dr. Canapp lectures nationally and internationally on these topics, and teaches advanced courses in sports medicine, arthroscopy, and regenerative medicine. Dr. Canapp is also co-principal and chief of staff at Veterinary Orthopedic & Sports Medicine Group (VOSM), where he routinely receives referrals for sports-related injuries, arthroscopic procedures and regenerative medicine treatments from domestic and international resources. Dr. Canapp is also the President and CEO of Orthobiologic Innovations LLC, where he is actively engaged in concept and product design and development for orthopedic and arthroscopic devices, instrumentations, biologics and regenerative medicine technologies.
Topics will include:

1. Cardiorenal Syndrome in Cats: What to do?
   An explanation of cardiorenal syndrome. Pathophysiology of the syndrome and how to manage it.

2. Management of Protein-losing Nephropathies. Is it Possible?

3. What Can You Learn from Pee?
   A discussion of the practical approach to a urinalysis.

4. Biomarkers—How to Use them Effectively

5. Biofilms—Scum of the Earth
   Learn about biofilms related to the field of veterinary medicine, the urinary tract, and how to treat them.

6. What’s New with Lyme Disease?
   A report of the revision of Lyme Consensus Statement.

Dr. Mary Labato is a Massachusetts native and graduate of Tufts’ first veterinary class in 1983. She spent a short time in private practice before returning to the school for a residency and, ultimately, a clinical faculty position. She is a veterinary internist at the Foster Hospital for Small Animals and specializes in internal medicine with a primary interest in disorders of the kidneys and bladder. Dr. Labato lectures in small animal medicine about the disorders of urination, as well as on drugs that influence the kidneys and bladder such as high blood pressure medication and diuretics. She primarily teaches during clinical rotations in the fourth year and instructs students on how to practice medicine. Her favorite cases are those that involve acute kidney injury, in which she has to use dialysis to get kidneys to start working again when they had stopped functioning completely. These are very happy ending cases, she says.

Dr. Labato is a long-time member of the MVMA and served as its president from 2009-2011. She is currently one of three editors for the association’s newsletter, MassVet News. She has been honored with many awards including the Cummings School’s Alumna of the Year (2001), Small Animal Clinical Faculty Instructor of the Year, and the MVMA’s Distinguished Service Award (2014). She shares her home with her husband, Paul, and her two Bernese Mountain Dogs, Patty and Calvin.
Small Ruminant Medicine Surgery, and Production Medicine

These 6 lectures will focus on all aspects of small ruminant production, medicine, and surgery. The lectures will start with routine entry level material and progress through more advanced medical, surgical, and herd concerns.

- **Hour 1** will focus on basic husbandry including behavior, handling, and restraint. Basic procedures and protocols like foot trimming, vaccination, and deworming will also be covered.
- **Hour 2** will focus on physical examination of the small ruminant including normal parameters and common abnormalities associated with the various systems.
- **Hour 3** will focus on the use of pharmaceuticals and drug selection including the legalities of drug use in food producing animals.
- **Hour 4** will focus on common medical diseases.
- **Hour 5** will focus on common surgical diseases including anesthetic options and pain control.
- **Hour 6** will focus on medical and surgical diseases of small ruminants in the context of clinical cases.

**Dr. Dusty Nagy** is a 1995 graduate of Cornell University College of Veterinary Medicine. Following graduation she completed an internship and residency program in food animal medicine, surgery, and production medicine at the University of Missouri. She is a boarded Diplomate in the American College of Veterinary Internal Medicine. In addition she has a MS in veterinary medicine and surgery with a focus on neonatal immunology, and a PhD in veterinary pathobiology with a focus on the epidemiology of retroviral disease in cattle both from the University of Missouri. Dr. Nagy has spent 5 years on the faculty at the University of Illinois College of Veterinary Medicine. She is currently an Associate Professor, Food Animal Medicine and Surgery, at the University of Missouri College of Veterinary Medicine.

Track 4  - Equine Dentistry

9:00 am — 5:00 pm (6 CE Credits)

Featuring Leah Limone, DVM

**Updates in Equine Dentistry**

This session will review practical aspects of equine dentistry that can be easily incorporated into your general practice. Techniques for how to efficiently perform a comprehensive oral exam as well as charting findings will be explained. We will discuss how to improve dental radiographic technique as well as radiographic signs of disease, and also review common pathology encountered with management or treatment plans. A review will also be provided for both basic and advanced extraction techniques, ranging from simple extraction techniques on the farm to advanced techniques for complicated extractions on a referral basis.

Topics will include:

- How to Incorporate the Oral Exam into your Practice
- Dental Radiography: Improving Diagnostic Quality
- Oral/Dental Pathology
- Updates of Advanced Extraction Techniques and Alternative Therapies

**Dr. Leah Limone** is a graduate of Michigan State University College of Veterinary Medicine. Following graduation she completed her internship in medicine and surgery at New England Equine Medical and Surgical Center in Dover, NH. Her interest in dentistry was sparked during her time at a mixed practice in CT. A Massachusetts native, she returned home and has been a general equine practitioner on the north shore and southern NH since 2009. She began working on a fellowship in equine dentistry with the Academy of Veterinary Dentistry (AVD) in 2010 and has since started completing requirements for the residency program with the American Veterinary Dental College (AVDC). She is a member of the MVMA, AAEP, and AVDS and holds licenses to practice in MA, RI, CT, NH, VT, ME, FL.
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Please select the track you would like to attend:

□ Track 1—Small Animal Orthopedics
□ Track 2—A Day in the World of the Urinary System
□ Track 3—Small Ruminant Medicine
□ Track 4—Equine Dentistry

*The MVMA is paperless! All handouts will be distributed via email before the event.

□ I would like printed copies of the handouts. Please increase my registration fee by $20.

Do you want to know if your friends are attending the conference? The MVMA will have a digital attendee list available on the website (www.massvet.org/event/2017Winter) that will be updated every Friday so you know who is registered to attend!

□ OPT IN to appear on the list of attendees □ OPT OUT of the list of attendees

Please select an option for lunch:

□ Champagne Chicken □ Salmon with Dill Sauce □ Spinach & Cheese Ravioli □ No Meal

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