

ON-SITE BROCHURE



ABVP
SYMPOSIUM

21ST ANNUAL

SAN ANTONIO

TEXAS

OCTOBER

6-9, 2016

MARRIOTT RIVERCENTER

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Need ABVP Assistance?

+1.352.375.5672 or
ABVP@NAVC.com

San Antonio Marriott Rivercenter

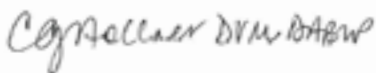
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If you need assistance with wheelchair-accessible transportation, please visit the ABVP Registration Desk located in the Salon Foyer of the San Antonio Marriott Rivercenter. All meeting rooms are wheelchair accessible in compliance with the Americans with Disabilities Act.



Welcome to the 21st Annual ABVP Symposium!

We are glad you have made the journey to San Antonio. I am confident that you will not only enjoy excellent species oriented continuing education, but also camaraderie that is second to none. I invite you to take full advantage of your experience whether it includes lectures, master classes, labs or workshops. Whether you have been a Diplomate of ABVP for a while or are considering ABVP as a next step, we hope you find the Symposium an informative and welcoming environment. Enjoy your time in San Antonio and I hope to meet you while you are here!



*Carondelet Nollner, DVM, DABVP (Canine and Feline)
President, ABVP*



Thank you so much for joining us for the 21st Annual ABVP Symposium!

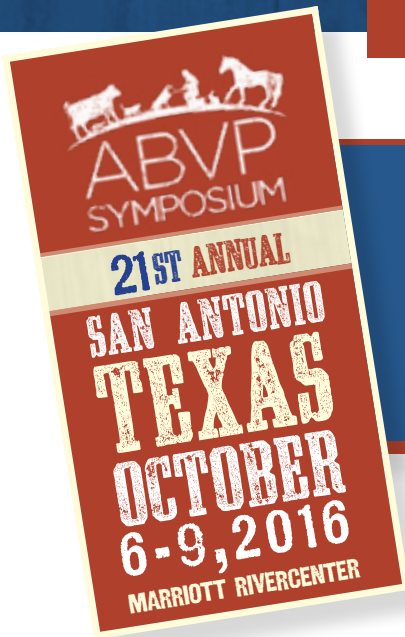
Whether this is your first ABVP Symposium or you regularly attend year after year, we hope that this year's program and events schedule will exceed your expectations. We have some exceptional things planned this year: 2 small animal wet labs on ultrasound and periodontal procedures, a dry lab on small animal nutrition, round table discussions on disaster preparedness, a canine master class, and, of course, cutting edge information and education in each of the species tracks. The Exotics Pain Management lecture series will compare and contrast pain physiology and pharmacology in our exotics patients. Our bovine and food animal practitioners will become certified in the Food Armor program after a weekend of intensive instruction, and the equine practitioners will be sure to take away pearls for practice regarding performance horse injuries and regenerative medicine. Of course, you do not want to miss the Cross Species lecture series on parasitology - a chance for all of our practitioners to learn about topics that affect all of our species. The ABVP Symposium is a fantastic educational experience, and I encourage you to get the most out of the weekend. The Regents' Reception and ABVP Foundation Live Auction should not be missed, and the networking luncheons are a great opportunity to connect with colleagues. In addition, the Annual Awards dinner is a wonderful evening where we honor our Diplomates who have recently certified or recertified. We strive each year to provide an exceptional educational weekend for our attendees, and we welcome your comments and suggestions. Please feel free to reach out to our management staff or myself throughout the weekend if you need anything - we are so happy you joined us in San Antonio this year!



*Amy Garrou, DVM, DABVP (Canine and Feline)
Symposium Chair, ABVP*



GENERAL INFORMATION



WELCOME TO THE 21ST ANNUAL ABVP SYMPOSIUM OCTOBER 6 - 9, 2016 SAN ANTONIO, TEXAS MARRIOTT RIVERCENTER

Registration Desk Hours

Wednesday, October 5 • 2:00 - 5:00 PM
Thursday, October 6 • 9:00 AM - 5:00 PM
Friday, October 7 • 6:30 AM - 5:00 PM
Saturday, October 8 • 6:30 AM - 5:00 PM
Sunday, October 9 • 6:30 AM - 12:00 PM

Exhibit Hall Hours

Friday, October 7 • 12:00 - 6:30 PM
Saturday, October 8 • 9:40 AM - 3:35 PM
Sunday, October 9 • 9:40 - 10:00 AM

Name Badges

Name badges are required for participation in all sessions, luncheons, and the exhibit hall. Replacement badges may be requested at the registration desk.

Location of Lectures

Please note all lectures, labs, luncheons, and social sessions are at the Marriott Rivercenter unless otherwise noted. Specific room assignments are noted throughout the schedule grid.

Proceeding Notes

The Veterinary Information Network (VIN) has proceedings available at their cyber cafe. If you purchased a paper copy of the proceedings, please pick it up at the registration desk. Limited copies are available for sale on-site.

Cancellations

Cancellations and refunds are no longer permitted. If you would like to sell your Annual Awards Reception and Dinner ticket, you can do so by posting a notice on the ABVP bulletin board by the registration desk.

Continuing Education Certificates

CE certificates will be available at the registration desk beginning at 7:00 AM on Sunday, October 9. Please pick up your CE certificate prior to leaving the Symposium.

Continuing Education Credits

This program is pending RACE approval. This RACE approval is for the subject matter categories of Category 1, Category 2, and Category 3 using the delivery method of Seminar/Lecture and Lab/Wet Lab. This approval is valid in jurisdictions which recognize AAVSB RACE; however, participants are responsible for ascertaining each board's CE requirements.

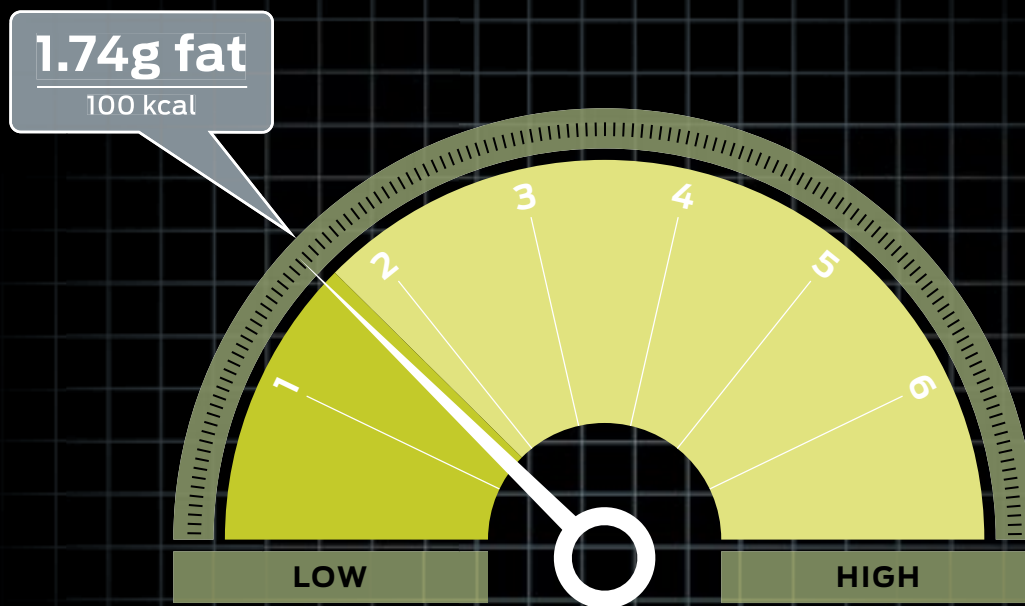


ABVP is also an approved sponsor of continuing education in the State of New York for veterinarians and veterinary technicians.

Allergies and Dietary Requirements

We have made every effort possible to meet all allergy and dietary requirements. Please be advised that it is your responsibility to indicate your allergy or dietary requirement to your server. If you cannot find a member of the wait staff, please see an ABVP staff member for assistance.

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- ✓ Low Fat
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Purina® Pro Plan® Veterinary Diets EN Gastroenteric Low Fat™ Dry Canine Formula

Introducing a formula with the lowest fat (g/100 kcal) of any dry GI-focused, canine therapeutic diet on the market†, formulated to nutritionally manage patients when fat digestion is compromised. For patients with pancreatitis, hyperlipidemia and lymphangiectasia, a low-fat diet can make a world of difference.

From the first hypoallergenic diet for dogs with food allergies to the #1 recommended probiotic for pets*, Purina Pro Plan Veterinary Diets offers a comprehensive line of effective options for patients with GI issues, each led by purpose and backed by science. **Learn more at PurinaProPlanVets.com**

†Comparison based on values published in PPVD Product Guide 2015 (average nutrient content), Hill's Key 2016 (average nutrient contents), Royal Canin Product Guide 2016 (typical analysis)

* Millward Brown Veterinary Tracker, Fall 2015



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INTRODUCING ALL-NEW FRONTLINE Gold:

- ✓ **EFFECTIVE:** Kills adult fleas, flea larvae, flea eggs and 4 species of ticks.
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KILLS FLEAS	●	●
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THURSDAY, OCTOBER 6

AAFP/ABVP Seminar

1:00 - 5:00 PM, Conference Rooms 1-4

Debra Zoran



Case Based Review of Feline Vomiting I and II

We will be using different challenging cases of vomiting in cats to illustrate approaches to diagnosis of vomiting in cats.

Diseases of the Feline Exocrine Pancreas I and II

Discussion will cover chronic feline pancreatitis and its relationship to chronic IBD and/or cholangitis and will further discuss the relationship of chronic disease of the pancreas to development of EPI in cats. Talk will review diagnosis (challenges and opportunities) and treatment.

AAHA/ABVP Seminar

1:00 - 5:00 PM, Conference Rooms 17 & 18

Debbie Martin

Fear FreeSM: Learning to Listen to Our Patients

How do cats and dogs perceive the veterinary hospital? What are they learning during their experiences at the hospital? If your patient could talk, what would he/she be saying right now? This presentation will help to answer these questions. Identifying how cats' and dogs' sensory perceptions vary from our own and how pleasant and unpleasant associations can be made, allows us to infer what it may be like to walk in their paws. Being able to recognize signs of fear, anxiety, and stress in your patients will open your eyes to hearing what your patients are trying to communicate.

Fear FreeSM: Creating the Veterinary Hospital "Spaw"

It does not require a complete renovation of your hospital to make your facility a relaxing oasis for your clients and patients. This lecture will cover a variety of cost-effective strategies to help cultivate a relaxing and inviting environment from the front door to the back door.

Fear FreeSM: Making the Unpleasant More Pleasant: Fear FreeSM Techniques for Common Veterinary Procedures

Many of the procedures we need to perform on our canine and feline patients are uncomfortable and unpleasant. There is no one technique or method that will work with every patient. Through case examples and discussion, discover how to adapt and implement Fear FreeSM techniques for each individual patient and procedure.

Fear FreeSM: Prevention is Easier than Treatment! The Importance of Preventive Behavioral Services

As they say, "An ounce of prevention is worth a pound of cure." This certainly is true with canine and feline behavioral concerns relating to fear, anxiety and stress. With behavior issues being the number one reason for pet relinquishment, it is imperative that veterinary hospitals provide preventive behavioral services for their clients/patients. An overview of several preventive services that can be offered within the hospital will be explored.

Periodontal Surgery and Guided Tissue Regeneration Lab *Fee is \$400*

1:00 - 5:00 PM, Salon B

Brook Niemiec

By attending this lab, attendees will gain skills for performing periodontal surgery to save teeth with attachment loss. Periodontal disease is the most common medical issue in small animal medicine. More owners are electing to save diseased teeth. Therefore, advanced periodontal therapies are becoming more common. This lab will initiate with a presentation of different flap techniques for achieving root visualization for cleaning. Following this, we will discuss root-cleaning techniques. After the discussion on various flaps, techniques for increasing bony attachment (guided tissue regeneration) will be taught. Finally, the semilunar flap for increasing keratinized gingiva will be taught. *Limited attendance. Lab will be held onsite.*

Bovine Injection Site Lesion Lab *Fee is \$150*

1:00 - 5:00 PM, Offsite

Jeffrey Sarchet and Dan Scruggs



This is a hands on necropsy and injection site lesion wet lab. We will examine injection site lesions given with correct techniques and incorrect techniques using common injectable biological and pharmaceuticals. We will also demonstrate a field necropsy technique and discuss proper sample collection and shipment. *Limited attendance. Lab will be held offsite. Meet in the hotel lobby for departure to lab at 12:30 PM.*

Exotics Special Sessions

1:00 - 5:00 PM, Conference Room 7

Vladimir Jekl

Orofacial Surgery and Pain Management in Rabbits

The aim of this two-hour lecture is to describe surgical treatment and pain management of odontogenic abscesses, middle ear cavity infections, upper airway disorders, and ophthalmic diseases.

GI Disorders in Exotic Companion Mammals - Focus on Stasis, Obstruction, and Pain

Clinical cases based lecture will show step-by-step approach to GI stasis and obstruction in different exotic companion species.

Pododermatitis and Musculoskeletal Disorders in Rabbits and Rodents

The lecture will show the clinical approach to the treatment of pododermatitis and musculoskeletal disorders in rabbits and rodents, pain management included.

Committee Meetings

7:00 - 8:30 PM

ABVP Outreach Committee, *Conference Room 10*

ABVP Foundation Board, *Conference Room 9*

ABVP Symposium Committee Dinner

Canine Masterclass: Handling Complicated Cases. A Blended Instructional Approach

7:00 - 9:00 PM, *Conference Room 7*

Michael Dutton

Using a blended learning approach, participants will receive background information prior to the lecture for application and discussion of complicated veterinary cases. *Pre-registration required.*

Canine and Feline Nutrition Dry Lab

7:00 - 9:15 PM, *Salon A*

Craig Datz, Allison Wara, Beverly Wilkinson

This is an interactive, hands-on lab with three rotating stations. Topics include practical information on feeding tubes and enteral nutrition including calculations, ingredients used in commercial pet foods and how to read and interpret pet food labels.

Pre-registration required.



FRIDAY, OCTOBER 7

Sunrise Session

6:45 - 7:45 AM, *Conference Rooms 1-4*

Topic and Speaker TBA



Large Animal Lecture and Breakfast

6:45 - 7:45 AM, *Conference Room 11*

Navicular Syndrome and Clinical Application of Bisphosphonates in Equine Practice

Joe Manning

We will be discussing bone remodeling and the role bisphosphonates play in the process, the differences in current bisphosphonates on the market, and the current use of them in the equine patient.



Cross Species

8:00 AM - 12:00 PM, *Conference Rooms 1-4*

Chris Adolph

Anthelmintic Resistance: Applying Lessons Learned from Horses, Sheep, and Goats to Dogs and Cats

Anthelmintic resistance is common in horses, sheep, goats, and cattle. While less common in dogs and cats, resistance is a growing concern, especially with

Dirofilaria immitis, the causative agent of canine and feline heartworm disease. We will discuss lessons learned from the large animal side and how we can apply them to preserve our current parasiticide molecules.

Large Animal vs. Small Animal Parasite Control. What's the Difference?

The goal of small animal parasite control is to have a parasite-free pet. The goal of large animal parasite control is to minimize pathology. We will discuss why the goals are different based on lifestyle and risk factors.

Zoonosis: Parasites and Vector-Borne Diseases to Keep Top of Mind

Some parasites are zoonotic while some parasites vector pathogens that are zoonotic. We will describe some of these common parasites and vector-borne disease agents as well as prevention strategies.

Foreign Animal Parasites and Vector-Borne Disease Agents. Can We Get That Here?

There are many pathogens in our area currently, however, it's important to be aware of pathogens that are capable of making their way to our area. We will cover select disease agents with potential to spread to the United States.

FAST Ultrasound Lecture Series

8:00 AM - 12:00 PM, *Conference Rooms 17 & 18*

Gregory Lisciandro

Prerequisite to the AFAST, TFAST and Vet BLUE Canine Lab

Abdominal FAST (AFAST) - The Technique and Practical Everyday Case-Based Applications, I

We will review the AFAST exam, how performed, what the abdominal fluid scoring system is and how to interpret the score for guiding need for blood transfusion and exploratory surgery; and then discuss everyday use of AFAST for blunt and penetrating trauma, and post-interventional cases.

Abdominal FAST (AFAST) - Practical Everyday Case-Based Applications, II

We will continue to cover AFAST and its use for important everyday subsets of patients including non-trauma and the collapsed and weak dog (anaphylaxis, hemoabdomen, pericardial effusion) and the rule outs for the gallbladder halo sign.

Thoracic FAST (TFAST) - The Technique and Practical Everyday Case-Based Applications

We will cover how to diagnose pleural and pericardial effusion, pneumothorax and the lung point, the 3 TFAST echo views and what clinical information they provide; and applications to trauma and non-trauma and tracking (monitoring).

FEATURED EVENTS

Vet BLUE Lung Ultrasound - The Technique and Practical Everyday Case-Based Applications

We will cover how to perform the Vet BLUE, its 5 Basic Lung Ultrasound Signs (Dry Lung, Wet Lung, Shred Sign, Tissue Sign, and Nodule Sign) and work through its use with everyday applications. Lung ultrasound provides evidence-based information that is often less clear by traditional means of lung auscultation, breathing patterns, and thoracic radiography.

AFAST, TFAST and Vet BLUE Canine Lab

1:30 - 5:00 PM, Offsite, Gregory Lisciandro

Hands-on scanning of live dogs performing all three abbreviated ultrasound techniques of AFAST, TFAST and Vet BLUE. You must attend the entire FAST Ultrasound series to be admitted to the lab. *Lab will be held offsite. Meet in the hotel lobby for departure to lab at 1:00 PM.*



Regents' Welcome Reception

5:30 - 6:30 PM, Exhibit Hall

All attendees are welcome to attend this reception hosted by ABVP's Regents.



ABVP Maintenance of Certification Workshop

6:45 - 8:15 PM, Conference Room 10

Michael Dutton

Do you have questions about ABVP's maintenance of certification process? Attend this workshop to ask questions and learn suggestions for completing the process.

ABVP Certification Workshop

6:45 AM - 8:15 PM, Conference Room 11

Stephen Pittenger, Carondelet Nollner, Kimberlee Buck

Have you applied for ABVP certification or are you considering applying and have questions about your case report and credentials packet? Are you unsure if you've picked the right case to write about? Are you concerned your CE might not be acceptable? Do you need help with the new online platform? This session is designed to help answer all those questions and more. Anyone interested in the certification process is encouraged to attend.

Sunset Sessions

6:45 - 8:45 PM,

Conference Rooms 17 & 18,

Suzanne Plamondon



Laser Therapy: The Science, Physiology and Clinical Indications

This lecture will present the fundamentals of laser therapy, including the science, laser tissue interaction, mechanisms of action, and physiologic effects.

Integrating Laser Into Multi-Modal Treatments and Rehabilitation (Case Based)

Real cases integrating Class 4 laser therapy into a multi-modal rehabilitation and treatment protocols will be presented.

AVTCP Board Meeting

6:45 - 9:15 PM, Conference Room 9

ABVP Item Writing Workshop

8:30 - 10:00 PM, Conference Room 10

Michael Dutton

ABVP Diplomates interested in writing exam items to earn credits toward maintenance of certification must receive training in item writing. This workshop focuses on item style, cognitive levels, situational sets, and other item writing basics.

SATURDAY, OCTOBER 8

Sunrise Session

6:45 - 7:45 AM, Conference Rooms 1-4



The Skinny on Exercise: Physical Therapy and Clinical Nutrition in Small Animal Practice

Allison Wara

The application and utility of physical rehabilitation and nutritional interventions in small animal veterinary patients will be discussed. Following a conceptual overview, this lecture will review various cases in which rehabilitation and diet planning were used to improve patient care.

ABVP Diplomate Meeting

4:30 - 5:15 PM, Conference Rooms 17 & 18

All ABVP Diplomates in attendance are encouraged to attend this annual business meeting. Council of Regents members will be present to address questions, listen to suggestions, and offer updates on the status of the organization.

AVTCP Q&A Session

4:30 - 5:15 PM, Conference Room 9

All technicians are invited to participate in this workshop. Learn about AVTCP certification and the application process.

Annual Awards Reception and Dinner

6:00 - 9:00 PM, Salon E

Reservations are required in advance. No tickets will be sold onsite. We look forward to welcoming all attendees to this annual dinner where we recognize newly certified and recertified Diplomates.

SUNDAY, OCTOBER 9

Sunrise Session

6:45 - 7:45 AM, Conference Rooms 1-4

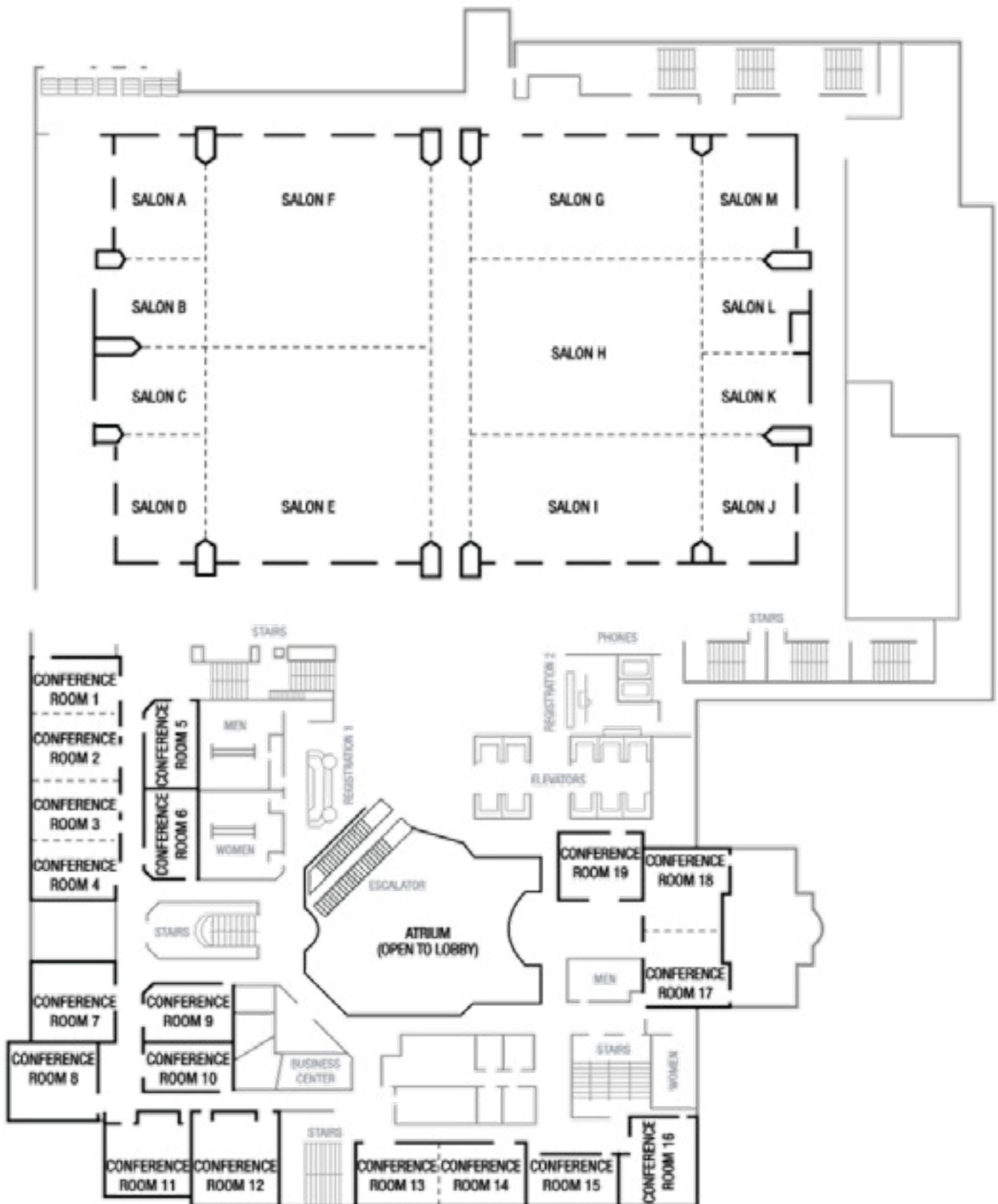


Treatment of Canine Hyperadrenocorticism

Todd Archer

This presentation will cover the medical management of canine hyperadrenocorticism, involving an in-depth discussion on trilostane usage.

MEETING SPACE





apoquel
(oclacitinib tablet)

In allergic skin disease,

Avoid the cycle of itch—start with fast, safe relief¹⁻⁴

- **Fast and effective**

- Itch relief begins within 4 hours; effectively controls itch within 24 hours^{1,5}

- **Safe**

- Without many of the side effects associated with steroids⁵
- Can be used with many other drugs, including anti-infectives, parasiticides, antifungals, NSAIDs and allergen immunotherapy²

- **Allows diagnostic testing**, so you can give dogs relief and restore the quality of life while you determine the cause of the itch^{2,6}

To learn more, please visit www.APOQUEL.com

Indications

Control of pruritus associated with allergic dermatitis and control of atopic dermatitis in dogs at least 12 months of age.

Important Safety Information

Do not use APOQUEL in dogs less than 12 months of age or those with serious infections. APOQUEL may increase the chances of developing serious infections, and may cause existing parasitic skin infestations or pre-existing cancers to get worse. APOQUEL has not been tested in dogs receiving some medications including some commonly used to treat skin conditions such as corticosteroids and cyclosporines. Do not use in breeding, pregnant, or lactating dogs. Most common side effects are vomiting and diarrhea. APOQUEL has been used safely with many common medications including parasiticides, antibiotics and vaccines.

For more information, please see Brief Summary of full Prescribing Information on reverse.

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References: **1.** Gadeyne C, Little P, King VL, Edwards N, Davis K, Stegemann MR. Efficacy of oclacitinib (Apoquel®) compared with prednisolone for the control of pruritus and clinical signs associated with allergic dermatitis in client-owned dogs in Australia. *Vet Dermatol.* 2014;25:512-e86. **2.** Cosgrove SB, Cleaver DM, King VL, Gilmer AR, Daniels AE, Wren JA, Stegemann MR. Long-term compassionate use of oclacitinib in dogs with atopic and allergic skin disease: safety, efficacy and quality of life. *Vet Dermatol.* 2015;26(3):171-179. **3.** Cosgrove SB, Wren JA, Cleaver DM, et al. A blinded, randomized, placebo-controlled trial of the efficacy and safety of the Janus kinase inhibitor oclacitinib (Apoquel®) in client-owned dogs with atopic dermatitis. *Vet Dermatol.* 2013;24:587-597. **4.** Marsella R, Sousa CA, Gonzales AJ, Fadok VA. Current understanding of the pathophysiologic mechanisms of canine atopic dermatitis. *JAVMA.* 2012;241(2):194-207. **5.** Cosgrove SB, Wren JA, Cleaver M, et al. Efficacy and safety of oclacitinib for the control of pruritus and associated skin lesions in dogs with canine allergic dermatitis. *Vet Dermatol.* 2013;24(5):479-e114. **6.** Aleo MM, Galvan EA, Fleck JT, et al. Effects of oclacitinib and prednisolone on skin test sensitivity [abstract]. *Vet Dermatol.* 2013;24(3):297.

zoetis

apoquel[®]

(oclacitinib tablet)

3.6 mg

5.4 mg

16 mg

Brief Summary of Prescribing Information

For oral use in dogs only

Caution: Federal (USA) Law restricts this drug to use by or on the order of a licensed veterinarian.

Indications: Control of pruritus associated with allergic dermatitis and control of atopic dermatitis in dogs at least 12 months of age.

Dosage and Administration: The dose of APOQUEL (oclacitinib maleate) tablets is 0.18 to 0.27 mg oclacitinib/lb (0.4 to 0.6 mg oclacitinib/kg) body weight, administered orally, twice daily for up to 14 days, and then administered once daily for maintenance therapy. APOQUEL may be administered with or without food.

Dosing Chart

Weight Range (in lb)		Weight Range (in Kg)		Number of Tablets to be Administered		
Low	High	Low	High	3.6 mg Tablets	5.4 mg Tablets	16 mg Tablets
6.6	9.9	3.0	4.4	0.5	-	-
10.0	14.9	4.5	5.9	-	0.5	-
15.0	19.9	6.0	8.9	1	-	-
20.0	29.9	9.0	13.4	-	1	-
30.0	44.9	13.5	19.9	-	-	0.5
45.0	59.9	20.0	26.9	-	2	-
60.0	89.9	27.0	39.9	-	-	1
90.0	129.9	40.0	54.9	-	-	1.5
130.0	175.9	55.0	80.0	-	-	2

Warnings:

APOQUEL is not for use in dogs less than 12 months of age (see **Animal Safety**).

APOQUEL is not for use in dogs with serious infections.

APOQUEL may increase susceptibility to infection, including demodicosis, and exacerbate neoplastic conditions (see **Adverse Reactions** and **Animal Safety**).

Human Warnings:

This product is not for human use. Keep this and all drugs out of reach of children. For use in dogs only. Wash hands immediately after handling the tablets. In case of accidental eye contact, flush immediately with water or saline for at least 15 minutes and then seek medical attention. In case of accidental ingestion, seek medical attention immediately.

Precautions:

APOQUEL is not for use in breeding dogs, or pregnant or lactating bitches.

The use of APOQUEL has not been evaluated in combination with glucocorticoids, cyclosporine, or other systemic immunosuppressive agents.

Dogs receiving APOQUEL should be monitored for the development of infections, including demodicosis, and neoplasia.

Adverse Reactions:

Control of Atopic Dermatitis

In a masked field study to assess the effectiveness and safety of oclacitinib for the control of atopic dermatitis in dogs, 152 dogs treated with APOQUEL and 147 dogs treated with placebo (vehicle control) were evaluated for safety. The majority of dogs in the placebo group withdrew from the 112-day study by Day 16. Adverse reactions reported (and percent of dogs affected) during Days 0-16 included diarrhea (4.6% APOQUEL, 3.4% placebo), vomiting (3.9% APOQUEL, 4.1% placebo), anorexia (2.6% APOQUEL, 0% placebo), new cutaneous or subcutaneous lump (2.6% APOQUEL, 2.7% placebo), and lethargy (2.0% APOQUEL, 1.4% placebo). In most cases, diarrhea, vomiting, anorexia, and lethargy spontaneously resolved with continued dosing. Dogs on APOQUEL had decreased leukocytes (neutrophil, eosinophil, and monocyte counts) and serum globulin, and increased cholesterol and lipase compared to the placebo group but group means remained within the normal range. Mean lymphocyte counts were transiently increased at Day 14 in the APOQUEL group.

Dogs that withdrew from the masked field study could enter an unmasked study where all dogs received APOQUEL. Between the masked and unmasked study, 283 dogs received at least one dose of APOQUEL. Of these 283 dogs, two dogs were withdrawn from study due to suspected treatment-related adverse reactions: one dog that had an intense flare-up of dermatitis and severe secondary pyoderma after 19 days of APOQUEL administration, and one dog that developed generalized demodicosis after 28 days of APOQUEL administration. Two other dogs on APOQUEL were withdrawn from study due to suspected or confirmed malignant neoplasia and subsequently euthanized, including one dog that developed signs associated with a heart base mass after 21 days of APOQUEL administration, and one dog that developed a Grade III mast cell tumor after 60 days of APOQUEL administration. One of the 147 dogs in the placebo group developed a Grade I mast cell tumor and was withdrawn from the masked study. Additional dogs receiving APOQUEL were hospitalized for diagnosis and treatment of pneumonia (one dog), transient bloody vomiting and stool (one dog), and cystitis with urolithiasis (one dog).

In the 283 dogs that received APOQUEL, the following additional clinical signs were reported after beginning APOQUEL (percentage of dogs with at least one report of the clinical sign as a non-pre-existing finding): pyoderma (12.0%), non-specified dermal lumps (12.0%), otitis (9.9%), vomiting (9.2%), diarrhea (6.0%), histiocytoma (3.9%), cystitis (3.5%), anorexia (3.2%), lethargy (2.8%), yeast skin infections (2.5%), pododermatitis (2.5%), lipoma (2.1%), polydipsia (1.4%), lymphadenopathy (1.1%), nausea (1.1%), increased appetite (1.1%), aggression (1.1%), and weight loss (0.7).

Control of Pruritus Associated with Allergic Dermatitis

In a masked field study to assess the effectiveness and safety of oclacitinib for the control of pruritus associated with allergic dermatitis in dogs, 216 dogs treated with APOQUEL and 220 dogs treated with placebo (vehicle control) were evaluated for safety. During the 30-day study, there were no fatalities and no adverse reactions requiring hospital care. Adverse reactions reported (and percent of dogs affected) during Days 0-7 included diarrhea (2.3% APOQUEL, 0.9% placebo), vomiting (2.3% APOQUEL, 1.8% placebo), lethargy (1.8% APOQUEL, 1.4% placebo), anorexia (1.4% APOQUEL, 0% placebo), and polydipsia (1.4% APOQUEL, 0% placebo). In most of these cases, signs spontaneously resolved with continued dosing. Five APOQUEL group dogs were withdrawn from study because of: darkening areas of skin and fur (1 dog); diarrhea (1 dog); fever, lethargy and cystitis (1 dog); an inflamed footpad and vomiting (1 dog); and diarrhea, vomiting, and lethargy (1 dog). Dogs in the APOQUEL group had a slight decrease in mean white blood cell counts (neutrophil, eosinophil, and monocyte counts) that remained within the normal reference range. Mean lymphocyte count for dogs in the APOQUEL group increased at Day 7, but returned to pretreatment levels by study end without a break in APOQUEL administration. Serum cholesterol increased in 25% of APOQUEL group dogs, but mean cholesterol remained within the reference range.

Continuation Field Study

After completing APOQUEL field studies, 239 dogs enrolled in an unmasked (no placebo control), continuation therapy study receiving APOQUEL for an unrestricted period of time. Mean time on this study was 372 days (range 1 to 610 days). Of these 239 dogs, one dog developed demodicosis following 273 days of APOQUEL administration. One dog developed dermal pigmented viral plaques following 266 days of APOQUEL administration. One dog developed a moderately severe bronchopneumonia after 272 days of APOQUEL administration; this infection resolved with antimicrobial treatment and temporary discontinuation of APOQUEL. One dog was euthanized after developing abdominal ascites and pleural effusion of unknown etiology after 450 days of APOQUEL administration. Six dogs were euthanized because of suspected malignant neoplasms: including thoracic metastatic, abdominal metastatic, splenic, frontal sinus, and intracranial neoplasms, and transitional cell carcinoma after 17, 120, 175, 49, 141, and 286 days of APOQUEL administration, respectively. Two dogs each developed a Grade II mast cell tumor after 52 and 91 days of APOQUEL administration, respectively. One dog developed low grade B-cell lymphoma after 392 days of APOQUEL administration. Two dogs each developed an apocrine gland adenocarcinoma (one dermal, one anal sac) after approximately 210 and 320 days of APOQUEL administration, respectively. One dog developed a low grade oral spindle cell sarcoma after 320 days of APOQUEL administration.

To report suspected adverse events, for technical assistance or to obtain a copy of the MSDS, contact Zoetis Inc. at 1-888-963-8471 or www.zoetis.com.

For additional information about adverse drug experience reporting for animal drugs, contact FDA at 1-888-FDA-VETS or online at <http://www.fda.gov/AnimalVeterinary/SafetyHealth>.

Storage Conditions:

APOQUEL should be stored at controlled room temperature between 20° to 25°C (68° to 77°F) with excursions between 15° to 40°C (59° to 104°F).

How Supplied:

APOQUEL tablets contain 3.6 mg, 5.4 mg, or 16 mg of oclacitinib as oclacitinib maleate per tablet. Each strength tablets are packaged in 20 and 100 count bottles. Each tablet is scored and marked with AQ and either an S, M, or L that correspond to the different tablet strengths on both sides.

NADA #141-345, Approved by FDA

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Kalamazoo, MI 49007

February 2013

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SYMPOSIUM SCHEDULE

Wednesday, October 5

8:00 AM - 12:00 PM	ABVP Specialty Exams for all categories, Part 1, Salon I
2:00 PM - 6:00 PM	ABVP Specialty Exams for all categories, Part 2, Salon I
6:00 PM - 7:00 PM	Reception for all examinees, Atrium

Thursday, October 6

8:00 AM - 12:00 PM	ABVP Practical Exams for all categories, Salon J	
1:00 - 1:50 PM	AAFP/ABVP Seminar: Case Based Review of Feline Vomiting I <i>Debra Zoran, Conference Rooms 1-4</i>	
2:00 - 2:50 PM	AAFP/ABVP Seminar: Case Based Review of Feline Vomiting II <i>Debra Zoran, Conference Rooms 1-4</i>	
3:00 - 3:50 PM	AAFP/ABVP Seminar: Diseases of the Feline Exocrine Pancreas I <i>Debra Zoran, Conference Rooms 1-4</i>	
4:00 - 4:50 PM	AAFP/ABVP Seminar: Diseases of the Feline Exocrine Pancreas II <i>Debra Zoran, Conference Rooms 1-4</i>	
1:00 - 1:50 PM	AAHA/ABVP Seminar: Fear FreeSM: Learning to Listen to Our Patients <i>Debra Martin, Conference Rooms 17 & 18</i>	
2:00 - 2:50 PM	AAHA/ABVP Seminar: Fear FreeSM: Creating the Veterinary Hospital "Spaw" <i>Debra Martin, Conference Rooms 17 & 18</i>	
3:00 - 3:50 PM	AAHA/ABVP Seminar: Fear FreeSM: Making the Unpleasant More Pleasant: Fear FreeSM Techniques for Common Veterinary Procedures <i>Debra Martin, Conference Rooms 17 & 18</i>	
4:00 - 4:50 PM	AAHA/ABVP Seminar: Fear FreeSM: Prevention is Easier than Treatment! The Importance of Preventive Behavioral Services <i>Debra Martin, Conference Rooms 17 & 18</i>	
1:00 - 5:00 PM	Periodontal Surgery and Guided Tissue Regeneration Lab <i>Brook Niemiec, Salon B</i> Additional fee applies. Limited attendance.	
1:00 - 5:00 PM	Bovine Injection Site Lesion Lab <i>Jeffrey Sarchet and Dan Scruggs</i> Additional fee applies. Limited attendance. <i>Meet in the hotel lobby for departure to lab at 12:30 PM.</i>	
1:00 - 2:50 PM	Orofacial Surgery and Pain Management in Rabbits <i>Vladimir Jekl, Conference Room 7</i>	
3:00 - 3:50 PM	GI Disorders in Exotic Companion Mammals - Focus on Stasis, Obstruction, and Pain <i>Vladimir Jekl, Conference Room 7</i>	
4:00 - 4:50 PM	Pododermatitis and Musculoskeletal Disorders in Rabbits and Rodents <i>Vladimir Jekl, Conference Room 7</i>	
7:00 - 8:30 PM	ABVP Outreach Committee, Conference Room 10 ABVP Foundation Board, Conference Room 9	
7:00 - 9:00 PM	Canine Masterclass: Handling Complicated Cases. A Blended Instructional Approach <i>Michael Dutton, Conference Room 7</i> Pre-registration required.	
7:00 - 9:15 PM	Canine and Feline Nutrition Dry Lab <i>Craig Datz, Allison Wara, Beverly Wilkinson, Salon A</i> Pre-registration required.	




SYMPOSIUM SCHEDULE

Friday, October 7

6:45 - 7:45 AM	Sunrise Session and Continental Breakfast: Topic and Speaker TBA <i>Conference Rooms 1-4</i>				
6:45 - 7:45 AM	Large Animal Breakfast: Navicular Syndrome and Clinical Application of Bisphosphonates in Equine Practice <i>Joe Manning, Conference Room 11</i>				
8:00 AM - 12:00 PM	Cross Species: Anthelmintic Resistance: Applying Lessons Learned from Horses, Sheep, and Goats to Dogs and Cats <i>Chris Adolph, Conference Rooms 1-4</i>	AVTCP Exams <i>Conference Room 9</i>			
	Cross Species: Large Animal vs. Small Animal Parasite Control. What's the Difference? <i>Chris Adolph, Conference Rooms 1-4</i>				
	Cross Species: Zoonosis: Parasites and Vector-Borne Diseases to Keep Top of Mind <i>Chris Adolph, Conference Rooms 1-4</i>				
	Cross Species: Foreign Animal Parasites and Vector-Borne Disease Agents. Can We Get That Here? <i>Chris Adolph, Conference Rooms 1-4</i>				
12:00 - 12:50 PM	Networking Luncheon (Exhibit Hall)				
12:50 - 1:30 PM	Exhibit Hall Opening (40 mins)				
	Exotics Combined Track <i>Conference Room 7</i>	Equine <i>Conference Room 8</i>	Food Animal <i>Conference Room 10</i>	AVTCP (Technicians) <i>Conference Room 9</i>	
1:30 - 2:20 PM	Comprehensive Comparative Analysis of Neurobiology/ Neurophysiology <i>Michelle Hawkins, Joann Paul-Murphy, Rob Coke</i>	Overlooked and Under Diagnosed - Pectoral and Adductor Muscle injuries in the Performance Horse <i>Kenneth Marcella</i>	Food Armor® Phase I: HACCP for Proper Drug Use Workshop <i>Jon Garber</i>	CANINE & FELINE: Small Animal Immunology and Vaccination I <i>Liza Rudolph</i>	
2:30 - 3:20 PM		The Equine Back- Anatomy, Biomechanics, and Selected Conditions of the Performance Horse <i>Kenneth Marcella</i>	Food Armor® Phase I: HACCP for Proper Drug Use Workshop <i>Jon Garber</i>	CANINE & FELINE: Small Animal Immunology and Vaccination II <i>Liza Rudolph</i>	
3:20 - 4:00 PM	Break/Exhibits (40 mins)				
4:00 - 4:50 PM	Animal Models used to Assess/Study Pain <i>Michelle Hawkins, Joann Paul-Murphy, Rob Coke</i>	The Use of Thermography in Equine Practice <i>Kenneth Marcella</i>	Food Armor® Phase I: HACCP for Proper Drug Use Workshop <i>Jon Garber</i>	CANINE & FELINE: IMHA for the Veterinary Technician <i>Liza Rudolph</i>	
5:30 - 6:30 PM	Regents' Welcome Reception (Exhibit Hall) Live Auction benefiting the ABVP Foundation				
6:45 - 8:15 PM	ABVP Maintenance of Certification Workshop, Michael Dutton, Conference Room 10				
6:45 - 8:15 PM	ABVP Certification Workshop, Stephen Pittenger, Carondelet Nollner, and Kimberlee Buck, Conference Room 11				
6:45 - 7:45 PM	Sunset Sessions: Suzanne Plamondon, Conference Rooms 17& 18 Laser Therapy: The Science, Physiology and Clinical Indications				
7:45 - 8:45 PM	Integrating Laser Into Multi-Modal Treatments and Rehabilitation (Case Based)				
6:45 - 9:15 PM	AVTCP Board Meeting, Conference Room 9				
8:30 -10:00 PM	Item Writing Workshop, Michael Dutton, Conference Room 10				

SYMPOSIUM SCHEDULE

Friday, October 7 (cont'd)

6:45 - 7:45 AM	Sunrise Session and Continental Breakfast: Topic and Speaker TBA <i>Conference Rooms 1-4</i>			
6:45 - 7:45 AM	Large Animal Breakfast: Navicular Syndrome and Clinical Application of Bisphosphonates in Equine Practice <i>Joe Manning, Conference Room 11</i>			
8:00 AM - 12:00 PM	FAST Ultrasound, Conference Rooms 17 & 18			
	Abdominal FAST (AFAST) - The Technique and Practical Everyday Case-Based Applications I <i>Gregory Lisciandro</i>			
	Abdominal FAST (AFAST) - Practical Everyday Case-Based Applications II <i>Gregory Lisciandro</i>			
	Thoracic FAST (TFAST) - The Technique and Practical Everyday Case-Based Applications <i>Gregory Lisciandro</i>			
	Vet BLUE Lung Ultrasound - The Technique and Practical Everyday Case-Based Applications <i>Gregory Lisciandro</i>			
12:00 - 12:50 PM	Networking Luncheon (Exhibit Hall)			
12:50 - 1:30 PM	Exhibit Hall Opening (40 mins)			Lab Participants Travel to Lab Location
	Canine <i>Conference Rooms 1-4</i>	Feline <i>Conference Rooms 17 & 18</i>	Shelter <i>Conference Room 11</i>	AFAST, TFAST, and Vet Blue Lab <i>Gregory Lisciandro</i> Limited attendance. <i>Meet in the hotel lobby for departure to lab at 1:00 PM.</i> 
1:30 - 2:20 PM	Current Concepts in Canine Periodontal Disease <i>Brook Niemiec</i> 	Normal Feline Behavior and Development <i>Lore Haug</i>	Lessons Learned from the Fires, Floods, Explosions, Tornadoes, and Ebolds: The Texas A&M VET Experience I <i>Debra Zoran</i>	
2:30 - 3:20 PM	Periodontal Therapy and Surgery <i>Brook Niemiec</i> 	Setting Kittens and Owners Up for Success <i>Lore Haug</i>	Lessons Learned from the Fires, Floods, Explosions, Tornadoes, and Ebolds: The Texas A&M VET Experience II <i>Debra Zoran</i>	
3:20 - 4:00 PM	Break/Exhibits (40 mins)			
4:00 - 4:50 PM	Updates in Canine Oral Pathology <i>Brook Niemiec</i> 	Cats in Prison: Saving the Sanity of Indoor Cats with Effective Environmental Enrichment <i>Lore Haug</i>	CLINICAL ABSTRACTS Perioperative Mortality for High Volume Surgical Sterilization Clinics: Results from Over 1.2 Million Records <i>Rachael Kreisler</i> Impact of Heat Treatment on Regional Prevalence of <i>Dirofilaria Immitis</i> Antigen Detection in Shelter Dogs <i>Brian DiGangi</i>	
5:30 PM - 6:30 PM	Regents' Welcome Reception (Exhibit Hall) Live Auction benefiting the ABVP Foundation			
6:45 - 8:15 PM	ABVP Maintenance of Certification Workshop, Michael Dutton, Conference Room 10			
6:45 - 8:15 PM	ABVP Certification Workshop, Stephen Pittenger, Carondelet Nollner, and Kimberlee Buck, Conference Room 11			
6:45 - 7:45 PM	Sunset Sessions: Suzanne Plamondon, Conference Rooms 17& 18 Laser Therapy: The Science, Physiology and Clinical Indications			
7:45 - 8:45 PM	Integrating Laser Into Multi-Modal Treatments and Rehabilitation (Case Based)			
6:45 - 9:15 PM	AVTCP Board Meeting, Conference Room 9			
8:30 -10:00 PM	Item Writing Workshop, Michael Dutton, Conference Room 10			

SYMPOSIUM SCHEDULE

Saturday, October 8

6:45 - 7:45 AM	Sunrise Session and Continental Breakfast: The Skinny on Exercise: Physical Therapy and Clinical Nutrition in Small Animal Practice <i>Allison Wara, Conference Rooms 1-4</i>				
	Exotics Combined Track <i>Conference Room 7</i>	Equine <i>Conference Room 8</i>	Food Animal <i>Conference Room 10</i>	AVTCP (Technicians) <i>Conference Room 9</i>	
7:50 - 8:40 AM	PAIN STUDIES BY DRUG AND VERTEBRATE CLASS: Opioids: An Overview of the Actions of this Class of Drugs, and Adverse Reactions, Contraindications, or Other Drug Interactions <i>Michelle Hawkins, Joann Paul-Murphy, Rob Coke</i>	Lameness and Medical Conditions of the Equine Endurance Athlete <i>Kenneth Marcella</i>	Food Armor® Phase I: HACCP for Proper Drug Use Workshop <i>Jon Garber</i>	CANINE & FELINE: Flexible GI Endoscopy <i>Liza Rudolph</i>	
8:50 - 9:40 AM	PAIN STUDIES BY DRUG AND VERTEBRATE CLASS: NSAIDS: An Overview of Actions, What is Known About the Mechanics of Action, Adverse Reactions, and Other Drug Interactions <i>Michelle Hawkins, Joann Paul-Murphy, Rob Coke</i>	Laboratory Diagnostics for Equine Patients <i>Amy Polkes</i> 	Food Armor® Phase I: HACCP for Proper Drug Use Workshop <i>Jon Garber</i>	CANINE & FELINE: The Ins and Outs of Blood Pressure Measurement <i>Liza Rudolph</i>	
9:40 - 10:10 AM	Break/Exhibits (30 mins)				
10:10 -11:00 AM	PAIN STUDIES BY DRUG AND VERTEBRATE CLASS: Locals: An Overview of How These Drugs Work and Adverse Reactions <i>Michelle Hawkins, Joann Paul-Murphy, Rob Coke</i>	Laboratory Diagnostics for Equine Infectious Diseases <i>Amy Polkes</i> 	Food Armor® Phase I: HACCP for Proper Drug Use Workshop <i>Jon Garber</i>	CANINE & FELINE: Principles of Transfusion Medicine <i>Liza Rudolph</i>	
	PAIN STUDIES BY DRUG AND VERTEBRATE CLASS: Other Drugs: SSRI, Alpha-Agonists, Tramadol, Gabapentin <i>Michelle Hawkins, Joann Paul-Murphy, Rob Coke</i>				
11:10 AM - 12:00 PM	PAIN STUDIES BY DRUG AND VERTEBRATE CLASS: Reptile, Amphibian, and Fish Anesthesia <i>Michelle Hawkins, Joann Paul-Murphy, Rob Coke</i>	Injuries to the Equine Achilles Tendon: Diagnosis, Management, and Prognosis <i>Ted Vlahos</i>	Food Armor® Phase I: HACCP for Proper Drug Use Workshop <i>Jon Garber</i>	CANINE & FELINE: CPR - The RECOVER Initiative <i>Liza Rudolph</i>	
12:00 - 1:15 PM	Networking Luncheon (Exhibit Hall)				
1:15 - 2:05 PM	Interactive, Panel Discussion to Evaluate Cases in Each Species Group <i>Michelle Hawkins, Joann Paul-Murphy, Rob Coke</i>	Traumatic Injury to the Equine Tarsus <i>Ted Vlahos</i>	Food Armor® Phase II: Becoming an Accredited Veterinarian Workshop <i>Katie Mrdutt</i>	EXOTICS: Lizards, Snakes, and Turtles, Oh My! A Review of Anatomy, Husbandry, and Sample Collection <i>Sarah Kolb</i>	
2:15 - 3:05 PM	Interactive, Panel Discussion to Evaluate Cases in Each Species Group <i>Michelle Hawkins, Joann Paul-Murphy, Rob Coke</i>	An Update on Regenerative Medicine <i>Ross Rich</i> 	Food Armor® Phase II: Becoming an Accredited Veterinarian Workshop <i>Katie Mrdutt</i>	EXOTICS: Reptile Nutritional Disorders <i>Sarah Kolb</i>	
3:05 - 3:35 PM	Break/Exhibits (30 mins)				
3:35 - 4:25 PM	Interactive, Panel Discussion to Evaluate Cases in Each Species Group <i>Michelle Hawkins, Joann Paul-Murphy, Rob Coke</i>	The Concept of Multi-Injury Lameness and My Learned Mistrust of Diagnostic Anesthesia in the Horse <i>Ross Rich</i> 	Food Armor® Phase II: Becoming an Accredited Veterinarian Workshop <i>Katie Mrdutt</i>	EXOTICS: Exotic Companion Animal Fluid Therapy <i>Sarah Kolb</i>	
4:30 - 5:15 PM	ABVP Diplomate Meeting, Conference Rooms 17 & 18				
4:30 - 5:15 PM	AVTCP Question and Answer Session, Conference Room 9				
6:00 - 7:00 PM	Reception (Atrium)				
7:00 -9:00 PM	Annual Awards Dinner (Salon E)				






SYMPOSIUM SCHEDULE

Saturday, October 8 (cont'd)

6:45 - 7:45 AM	Sunrise Session and Continental Breakfast: The Skinny on Exercise: Physical Therapy and Clinical Nutrition in Small Animal Practice <i>Allison Wara, Conference Rooms 1-4</i>			
	Canine <i>Conference Rooms 1-4</i>	Feline <i>Conference Rooms 17 & 18</i>	Shelter <i>Conference Room 11</i>	
7:50 - 8:40 AM	Dental Radiograph Interpretation <i>Brook Niemiec</i> 	Dealing with Feline Nuisance Behaviors <i>Lore Haug</i>	Diarrhea in Kittens <i>Debra Zoran</i>	
8:50 - 9:40 AM	Restorative Dentistry <i>Brook Niemiec</i> 	Repetitive and Miscellaneous Behavior Problems in Cats <i>Lore Haug</i>	Nutrition in the Shelter Setting <i>Debra Zoran</i>	
9:40 - 10:10 AM	Break/Exhibits (30 mins)			
10:10 -11:00 AM	Minimally Invasive Oral Surgery Techniques I <i>Brook Niemiec</i> 	Feline Behavior Pharmacology <i>Lore Haug</i>	Behavior Assessment Tools for Dogs in a Shelter Setting <i>Sara Bennett</i>	
11:10 AM - 12:00 PM	Minimally Invasive Oral Surgery Techniques II <i>Brook Niemiec</i> 	Cat Scratch Fever: Dealing with Feline Aggression Toward Humans <i>Lore Haug</i>	Behavior Assessment Tools for Dogs in a Shelter Setting <i>Sara Bennett</i>	
12:00 - 1:15 PM	Networking Luncheon (Exhibit Hall)			
1:15 - 2:05 PM	Teaching Animals to Accept Basic Veterinary Procedures <i>Lore Haug</i>	Syndromes, Not Diagnoses <i>Valerie Fadok</i> 	Veterinary Psychopharmaceuticals and Their Use in Shelter Medicine <i>Sara Bennett</i>	
2:15 - 3:05 PM	Treat or Euthanize - Decide Which Patients to Help <i>Lore Haug</i>	Ectoparasites in Cats <i>Valerie Fadok</i> 	Behavior Modification for Cats in Shelters and Foster Homes <i>Sara Bennett</i>	
3:05 - 3:35 PM	Break/Exhibits (30 mins)			
3:35 - 4:25 PM	Medical Evaluation of the Behavior Patient <i>Lore Haug</i>	Food Allergy in Cats: The Agony and the Ecstasy <i>Valerie Fadok</i> 	Clinical Abstracts Comparison of Surgical and Non-Surgical Castration with Zinc Gluconate in Dogs Presenting to Veterinary Field Clinics in Ecuador <i>Brian DiGangi</i> Pedicle Tie as a Safe and Efficient Means of Ovarian Pedicle Hemostasis in Feline Ovariohysterectomy <i>Jacob Shivley</i>	
4:30 PM - 5:15 PM	ABVP Diplomate Meeting, Conference Rooms 17 & 18			
4:30 PM - 5:15 PM	AVTCP Question and Answer Session, Conference Room 9			
6:00 PM - 7:00 PM	Reception (Atrium)			
7:00 PM -9:00 PM	Annual Awards Dinner (Salon E)			






SYMPOSIUM SCHEDULE

Sunday, October 9

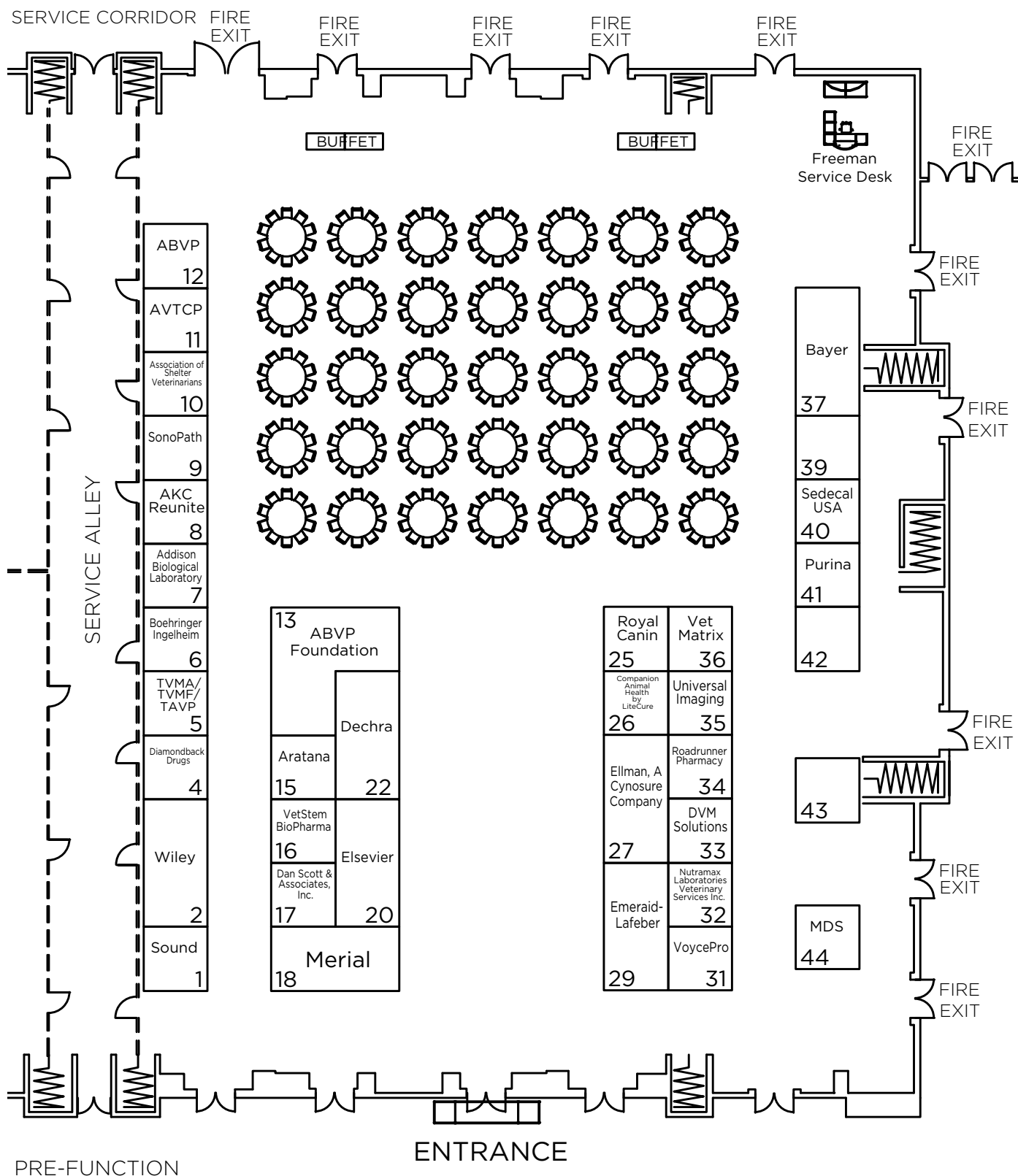
6:45 - 7:45 AM	Sunrise Session and Continental Breakfast: Treatment of Canine Hyperadrenocorticism, Todd Archer, Conference Rooms 1-4 			
	Exotics Combined Track <i>Conference Room 7</i>	Equine <i>Conference Room 8</i>	Food Animal <i>Conference Room 10</i>	AVTCP (Technicians) <i>Conference Room 9</i>
7:50 - 8:40 AM	Mechanisms of Acupuncture Analgesia <i>Christine Eckerman-Ross</i>	Slow Motion Video Analysis and The Biomechanics of Orthopedic Injuries in the Horse <i>Ross Rich</i> 	Food Armor® Phase II: Becoming an Accredited Veterinarian Workshop <i>Katie Mrdutt</i>	EXOTICS: Avian Handling and Behavior: The Health Assessment <i>Sarah Kolb</i>
8:50 - 9:40 AM	Acupuncture Analgesia in Exotic Companion Mammals <i>Christine Eckerman-Ross</i>	The Diagnosis and Treatment of Interesting Lameness Problems in the Forelimb of the Horse <i>Ross Rich</i> 	Food Armor® Phase II: Becoming an Accredited Veterinarian Workshop <i>Katie Mrdutt</i>	EXOTICS: An In-Depth Look Into the Avian Respiratory System <i>Sarah Kolb</i>
9:40 - 10:00 AM	Break/Exhibits (30 mins)			
10:10 -11:00 AM	Herbs and Other Integrative Medicine for Analgesia, I <i>Christine Eckerman-Ross</i>	The Diagnosis and Treatment of Interesting Lameness Problems in the Hindlimb of the Horse <i>Ross Rich</i> 	Food Armor® Phase II: Becoming an Accredited Veterinarian Workshop <i>Katie Mrdutt</i>	EXOTICS: Birds with Big Bellies: Coelomic Distention <i>Sarah Kolb</i>
11:10 AM - 12:00 PM	Herbs and Other Integrative Medicine for Analgesia, II <i>Christine Eckerman-Ross</i>	The Diagnosis and Treatment of Axial Skeleton (Neck, Back, and Pelvis) Problems in the Horse <i>Ross Rich</i> 	Food Armor® Phase II: Becoming an Accredited Veterinarian Workshop <i>Katie Mrdutt</i>	EXOTICS: Feather Destruction Disorder <i>Sarah Kolb</i>
	End of Programs			

SYMPOSIUM SCHEDULE

Sunday, October 9 (cont'd)

6:45 - 7:45 AM	Sunrise Session and Continental Breakfast: Treatment of Canine Hyperadrenocorticism, Todd Archer, Conference Rooms 1-4 			
	Canine Conference Rooms 1-4	Feline Conference Rooms 17 & 18	Shelter I Conference Room 12	Shelter II Conference Room 11
7:50 - 8:40 AM	Diagnosis and Management of Forelimb Disorders I <i>Don Hulse</i>	What Do We Know About Atopy in Cats Compared to Dogs? <i>Valerie Fadok</i> 	Lessons Learned from Fires, Tornadoes, and Floods: The Essential Need for Veterinarians in Disasters, but the Essential Need for Veterinarians to Understand Disasters I <i>Debra Zoran</i>	Shelter Animal Behavior Cases Workshop I <i>Sara Bennett</i>
8:50 - 9:40 AM	Diagnosis and Management of Forelimb Disorders II <i>Don Hulse</i>	Dermatophytosis in Cats <i>Valerie Fadok</i> 	Lessons Learned from Fires, Tornadoes, and Floods: The Essential Need for Veterinarians in Disasters, but the Essential Need for Veterinarians to Understand Disasters II <i>Debra Zoran</i>	Shelter Animal Behavior Cases Workshop II <i>Sara Bennett</i>
9:40 - 10:00 AM	Break/Exhibits (30 mins)			
10:10 - 11:00 AM	Cranial Cruciate Ligament Injury: Diagnostic Modalities to Identify Early Injury and Current New Treatment Modalities <i>Don Hulse</i>	Mycobacteriosis <i>Valerie Fadok</i> 	Lessons Learned from Fires, Tornadoes, and Floods: The Essential Need for Veterinarians in Disasters, but the Essential Need for Veterinarians to Understand Disasters I <i>Debra Zoran</i>	Shelter Animal Behavior Cases Workshop I <i>Sara Bennett</i>
11:10 AM - 12:00 PM	Conditions Affecting the Hip Joint: Conservative and Surgical Management <i>Don Hulse</i>	Immune Mediated Skin Disease: Differences Between Dogs and Cats <i>Valerie Fadok</i> 	Lessons Learned from Fires, Tornadoes, and Floods: The Essential Need for Veterinarians in Disasters, but the Essential Need for Veterinarians to Understand Disasters II <i>Debra Zoran</i>	Shelter Animal Behavior Cases Workshop II <i>Sara Bennett</i>
	End of Programs			

EXHIBITORS MAP



EXHIBITORS

ABVP

Booth 12
800.697.3583
abvp.com

ABVP Foundation

Booth 13
800.697.3583
abvpfoundation.com

Addison Biological Laboratory

Booth 7
800.331.2530
addisonlabs.com

AKC Reunite

Booth 8
800.252.7894
akcreunite.org

Aratana Therapeutics

Booth 15
913.353.1000
aratana.com

Association of Shelter Veterinarians

Booth 10
919.803.6113
shelternet.org

AVTCP

Booth 11
avtcp.org

Bayer

Booth 37
animalhealth.bayer.com

Boehringer Ingelheim

Booth 6
866.638.2226
bi.vetmedica.com

Companion Animal Health by LiteCure

Booth 26
302.709.0408
companionanimalhealth.com

Dan Scott & Associates, Inc.

Booth 17
614.890.0370
danscottandassociates.com

Dechra Veterinary Products

Booth 22
913.327.0015
dechra-us.com

Diamondback Drugs

Booth 4
866.646.2223
diamondbackdrugs.com

DVM Solutions

Booth 33
866.373.9627
dvmsolutions.com

Ellman, A Cynosure Company

Booth 27
516.594.3333
ellman.com

Elsevier

Booth 20
215.239.3722
elsevier.com

Emeraid-Lafeber

Booth 29
800.842.6445
emeraid.com

MDS

Booth 44
813.653.1180
mdsvet.com

Merial

Booth 18
merial.com

Nutramax Laboratories Veterinary Services, Inc.

Booth 32
888.886.6442
nutramaxlabs.com

Purina

Booth 41
800.222.VETS
purinapreplanvets.com

Roadrunner Pharmacy

Booth 34
877.518.4589
roadrunnerpharmacy.com

Royal Canin

Booth 25
888.213.4486
royalcanin.com

Sedecal USA

Booth 40
847.394.6960
vetray.com

SonoPath

Booth 9
800.838.4268
sonopath.com

Sound

Booth 1
760.918.9626
soundvet.com

TVMA/TVMF/TAVP

Booth 5
512.452.4224
tvma.org

Universal Imaging

Booth 35
914.666.6200
universalimaginginc.com

Vet Matrix

Booth 36
800.462.8749
vetmatrix.com

Vet Stem Biopharma

Booth 16
858.748.2004
vetstem.com

Voyce Pro

Booth 31
voycepro.com

Wiley

Booth 2
215.913.0416
wiley.com

AAFP/ABVP Seminar

Case Based Review of Feline Vomiting I and II

Debra Zoran

We will be using different challenging cases of vomiting in cats to illustrate approaches to diagnosis of vomiting in cats.

Diseases of the Feline Exocrine Pancreas I and II

Debra Zoran

Discussion will cover chronic feline pancreatitis and its relationship to chronic IBD and/or cholangitis and will further discuss the relationship of chronic disease of the pancreas to development of EPI in cats. Talk will review diagnosis (challenges and opportunities) and treatment.

AAHA/ABVP Seminar

Fear FreeSM: Learning to Listen to Our Patients

Debbie Martin

How do cats and dogs perceive the veterinary hospital? What are they learning during their experiences at the hospital? If your patient could talk, what would he/she be saying right now? This presentation will help to answer these questions. Identifying how cats' and dogs' sensory perceptions vary from our own and how pleasant and unpleasant associations can be made, allows us to infer what it may be like to walk in their paws. Being able to recognize signs of fear, anxiety, and stress in your patients will open your eyes to hearing what your patients are trying to communicate.

Fear FreeSM: Creating the Veterinary Hospital "Spaw"

Debbie Martin

It does not require a complete renovation of your hospital to make your facility a relaxing oasis for your clients and patients. This lecture will cover a variety of cost-effective strategies to help cultivate a relaxing and inviting environment from the front door to the back door.

Fear FreeSM: Making the Unpleasant More Pleasant: Fear FreeSM Techniques for Common Veterinary Procedures

Debbie Martin

Many of the procedures we need to perform on our canine and feline patients are uncomfortable and unpleasant. There is no one technique or method that will work with every patient. Through case examples and discussion, discover how to adapt and implement Fear FreeSM techniques for each individual patient and procedure.

Fear FreeSM: Prevention is Easier than Treatment! The Importance of Preventive Behavioral Services

Debbie Martin

As they say, "An ounce of prevention is worth a pound of cure." This certainly is true with canine and feline behavioral concerns relating to fear, anxiety and stress. With behavior issues being the number one reason for pet relinquishment, it is imperative that veterinary hospitals provide preventive behavioral services for their clients/patients. An overview of several preventive services that can be offered within the hospital will be explored.

Cross Species

Anthelmintic Resistance: Applying Lessons Learned from Horses, Sheep, and Goats to Dogs and Cats

Chris Adolph

Anthelmintic resistance is common in horses, sheep, goats, and cattle. While less common in dogs and cats, resistance is a growing concern, especially with *Dirofilaria immitis*, the causative agent of canine and feline heartworm disease. We will discuss lessons learned from the large animal side and how we can apply them to preserve our current parasiticide molecules.

Large Animal vs. Small Animal Parasite Control. What's the Difference?

Chris Adolph

The goal of small animal parasite control is to have a parasite-free pet. The goal of large animal parasite control is to minimize pathology. We will discuss why the goals are different based on lifestyle and risk factors.

Zoonosis: Parasites and Vector-Borne Diseases to Keep Top of Mind

Chris Adolph

Some parasites are zoonotic while some parasites vector pathogens that are zoonotic. We will describe some of these common parasites and vector-borne disease agents as well as prevention strategies.

Foreign Animal Parasites and Vector-Borne Disease Agents. Can We Get That Here?

Chris Adolph

There are many pathogens in our area currently, however, it's important to be aware of pathogens that are capable of making their way to our area. We will cover select disease agents with potential to spread to the United States.

Canine

Periodontal Surgery and Guided Tissue Regeneration Lab

Brook Niemiec

Fee is \$400. Limited attendance. Lab will be held onsite.

By attending this lab, attendees will gain skills for performing periodontal surgery to save teeth with attachment loss. Periodontal disease is the most common medical issue in small animal medicine. More owners are electing to save diseased teeth. Therefore, advanced periodontal therapies are becoming more common. This lab will initiate with a presentation of different flap techniques for achieving root visualization for cleaning. Following this, we will discuss root-cleaning techniques. After the discussion on various flaps, techniques for increasing bony attachment (guided tissue regeneration) will be taught. Finally, the semilunar flap for increasing keratinized gingiva will be taught.

Canine Masterclass: Handling Complicated Cases. A Blended Instructional Approach

Michael Dutton

Limited attendance. Pre-registration required.

Using a blended learning approach, participants will receive background information prior to the lecture for application and discussion of complicated veterinary cases.

Canine and Feline Nutrition Dry Lab

Craig Datz, Allison Wara, Beverly Wilkinson

Pre-registration required.

This is an interactive, hands-on lab with three rotating stations. Topics include practical information on feeding tubes and enteral nutrition including calculations, ingredients used in commercial pet foods and how to read and interpret pet food labels.

Abdominal FAST (AFAST) - The Technique and Practical Everyday Case-Based Applications I

Gregory Lisciandro

Prerequisite to the AFAST, TFAST and Vet BLUE Canine Lab.

We will review the AFAST exam, how performed, what the abdominal fluid scoring system is and how to interpret the score for guiding need for blood transfusion and exploratory surgery; and then discuss everyday use of AFAST for blunt and penetrating trauma, and post-interventional cases.

Abdominal FAST (AFAST) - Practical Everyday Case-Based Applications II

Gregory Lisciandro

Prerequisite to the AFAST, TFAST and Vet BLUE Canine Lab.

We will continue to cover AFAST and its use for important everyday subsets of patients including non-trauma and the collapsed and weak dog (anaphylaxis, hemoabdomen, pericardial effusion) and the rule outs for the gallbladder halo sign.

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Thoracic FAST (TFAST) - The Technique and Practical Everyday Case-Based Applications

Gregory Lisciandro

Prerequisite to the AFAST, TFAST and Vet BLUE Canine Lab. We will cover how to diagnose pleural and pericardial effusion, pneumothorax and the lung point, the 3 TFAST echo views and what clinical information they provide; and applications to trauma and non-trauma and tracking (monitoring).

Vet BLUE Lung Ultrasound - The Technique and Practical Everyday Case-Based Applications

Gregory Lisciandro

Prerequisite to the AFAST, TFAST and Vet BLUE Canine Lab. We will cover how to perform the Vet BLUE, its 5 Basic Lung Ultrasound Signs (Dry Lung, Wet Lung, Shred Sign, Tissue Sign, and Nodule Sign) and work through its use with everyday applications. Lung ultrasound provides evidence-based information that is often less clear by traditional means of lung auscultation, breathing patterns, and thoracic radiography.

AFAST, TFAST and Vet BLUE Canine Lab

Gregory Lisciandro

Limited attendance. Lab will be held offsite.

Hands-on scanning of live dogs performing all three abbreviated ultrasound techniques of AFAST, TFAST and Vet BLUE.

Current Concepts in Canine Periodontal Disease

Brook Niemiec

Periodontal disease is the most common disease in small animal patients. However, it is very misunderstood. Based on the most recent research, this lecture will help you better understand this disease.

Periodontal Therapy and Surgery

Brook Niemiec

This lecture begins with a discussion of basic plaque control and then progresses into periodontal flap surgery and guided tissue regeneration. A discussion of homecare options will also be covered.

Updates in Canine Oral Pathology

Brook Niemiec

This lecture will cover the most common canine oral diseases. These include: fractured and discolored teeth, oral neoplasia, retained deciduous teeth, and orthodontic issues.

Dental Radiograph Interpretation

Brook Niemiec

This is an interactive presentation on interpretation of dental radiographs. We will cover the correct orientation as well as normal anatomy. The bulk of this presentation will cover diagnosing oral disease via radiographs.

Restorative Dentistry

Brook Niemiec

This lecture will cover the most common types of restorations in veterinary dentistry. These include: bonded sealants for fractured teeth as well as composite restoration for caries and enamel hypoplasia.

Minimally Invasive Oral Surgery Techniques I and II

Brook Niemiec

Starting with extractions, we will cover many surgical techniques to decrease the amount of surgical trauma. Following extractions, we will cover oronasal fistula repair and mandibular fracture repair with acrylic splints.

Teaching Animals to Accept Basic Veterinary Procedures

Lore Haug

This lecture is designed to give the practitioner beginning skills to improve patient compliance with common procedures such as auscultation, abdominal palpation, vaccination, and blood draw. Information on basic learning theory as well as specific techniques for teaching muzzle training and standing for procedures will be included.

Treat or Euthanize - Decide Which Patients to Help

Lore Haug

Behavior problems can be frustrating, expensive, and dangerous. It is important to help owners make informed decisions about risk and prognosis before choosing euthanasia. Euthanasia is difficult and permanent and a decision that should not be made lightly. This lecture covers a variety of factors surrounding the owner, the environment, and the pet that should be evaluated before making such a decision.

Medical Evaluation of the Behavior Patient

Lore Haug

Many behavior problems are influenced in some way by physiologic factors of the patient as well as medications the patient may be on for other reasons. This lecture covers some of the common disorders and medications that may contribute to a behavior problem or greatly impact the success of the treatment program.

Diagnosis and Management of Forelimb Disorders I and II

Don Hulse

This lecture will focus on diagnostic modalities to differentiate forelimb lameness. Physical exam findings, common with forelimb lameness will be addressed using video to illustrate findings. Imaging (radiographs, ultrasound, and CT) will be viewed to identify specific diagnostic changes to assist in accurate diagnosis. Current treatment modalities and outcome will be addressed.

Cranial Cruciate Ligament Injury: Diagnostic Modalities to Identify Early Injury and Current New Treatment Modalities

Don Hulse

Diagnosis of early CCL injury is paramount to achieve optimal long term outcome. New stabilization modalities to achieve optimum outcome will be addressed.

Conditions Affecting the Hip Joint: Conservative and Surgical Management

Don Hulse

Lecture will address methods to differentiate conditions of the hip from those affecting the stifle/tarsus. New conservative and surgical modalities for management of conditions affecting the hip will be addressed.

Equine

Overlooked and Under Diagnosed - Pectoral and Adductor Muscle Injuries in the Performance Horse

Kenneth Marcella

The pectoral and adductor muscles are important to the overall performance of many equine athletes. But, as in human medicine, mild injuries (grade one muscle damage) can be exceptionally difficult to diagnose. This lecture reviews the anatomy of these areas and, using video of clinical cases, provides practitioners with a novel means of assessing muscle function in order to diagnose and rehab these conditions.

The Equine Back-Anatomy, Biomechanics, and Selected Conditions of the Performance Horse

Kenneth Marcella

The equine back is an area of recently increased attention in the performance horse world and practitioners are frequently being asked to evaluate the back for performance problems and on pre purchase exams. This lecture will review the current state of knowledge relating to the structure and function of the equine back and will highlight the best methods of diagnosing and treating problems in this area.

The Use of Thermography in Equine Practice

Kenneth Marcella

Thermography has been in use in equine practice for the last 25 years, but many practitioners still often overlook this modality. While its use has been demonstrated by numerous research and clinical studies, it has been slow to find everyday acceptance. This presentation will look at thermography use in normal equine practice and will illustrate its unique function and place among diagnostics available to veterinarians.

Lameness and Medical Conditions of the Equine Endurance Athlete

Kenneth Marcella

Endurance is the fastest growing international equine sport and it has shown strong participation nationally as well. Practitioners are sometimes asked to work local endurance events or to attend to endurance horses in their practice. This presentation will review electrolyte use, metabolic problems, lameness issues, and other commonly seen conditions in these athletes and will seek to provide the practitioner with an increased knowledge and familiarity with the demands of this unique discipline.

Laboratory Diagnostics for Equine Patients

Amy Polkes

Discussion of common laboratory testing for equine patients- the most common abnormalities encountered and the clinical significance of those abnormalities. Discussion of the most appropriate diagnostic laboratory tests for non-infectious equine diseases.

Laboratory Diagnostics for Equine Infectious Diseases

Amy Polkes

Discussion of common laboratory testing for equine infectious disease. Discussion of the most appropriate and accurate diagnostic tests for equine infectious diseases.

Injuries to the Equine Achilles Tendon: Diagnosis, Management, and Prognosis

Ted Vlahos

The equine Achilles tendon apparatus represents one of the most difficult areas to treat successfully. The proximity of synovial structures and limited ability to immobilize the injured Achilles tendon frequently result in serious, life-threatening complications. Case discussions will illustrate common injuries and the treatment challenges that equine specialists will frequently encounter.

Traumatic Injury to the Equine Tarsus

Ted Vlahos

Fractures of the equine tarsus are not uncommon in equine practice. Septic arthritis and tenosynovitis are often the result of penetrating traumatic wounds to the tarsus. Case discussions will review current treatment modalities of orthopedic and soft tissue injury in the equine referral practice.

An Update on Regenerative Medicine

Ross Rich

Current treatment applications for stem cells, PRP, and IRAP will be discussed. We will review clinical outcomes of in-vivo studies in dogs and horses.

The Concept of Multi-Injury Lameness and My Learned Mistrust of Diagnostic Anesthesia in the Horse

Ross Rich

We will review multiple equine lameness cases that demonstrate injury to multiple anatomic structures and discuss the reliability of diagnostic nerve and joint block findings.

Slow Motion Video Analysis and The Biomechanics of Orthopedic Injuries in the Horse

Ross Rich

This lecture will review different conformation types in the horse, the abnormal biomechanical forces that they translate to anatomical structures, and the potential chronic overuse injuries they can create.

The Diagnosis and Treatment of Interesting Lameness Problems in the Forelimb of the Horse

Ross Rich

We will review multiple fore limb lameness cases, diagnostic imaging findings, treatments, and outcomes.

The Diagnosis and Treatment of Interesting Lameness Problems in the Hind Limb of the Horse

Ross Rich

This lecture will review multiple hind limb lameness cases, diagnostic imaging findings, treatments, and outcomes.

The Diagnosis and Treatment of Axial Skeleton (Neck, Back, and Pelvis) Problems in the Horse

Ross Rich

Discussion of multiple axial skeleton caused lamenesses and performance problems in the horse will occur; and, the diagnostic modalities and treatment methods used to resolve many of these issues.

Exotics Combined Track

Orofacial Surgery and Pain Management in Rabbits

Vladimir Jekl

The aim of this two-hour lecture is to describe surgical treatment and pain management of odontogenic abscesses, middle ear cavity infections, upper airway disorders, and ophthalmic diseases.

GI Disorders in Exotic Companion Mammals - Focus on Stasis, Obstruction, and Pain

Vladimir Jekl

Clinical cases based lecture will show step-by step approach to GI stasis and obstruction in different exotic companion species.

Pododermatitis and Musculoskeletal Disorders in Rabbits and Rodents

Vladimir Jekl

The lecture will show the clinical approach to the treatment of pododermatitis and musculoskeletal disorders in rabbits and rodents, pain management included.

Comprehensive Comparative Analysis of Neurobiology/Neurophysiology

Michelle Hawkins, Joann Paul-Murphy, Rob Coke

Since the "basic" neurophysiology of pain is similar throughout the vertebrate classes, we will review concepts of pain recognition/perception, transmission/modulation, and biochemical response. Topics included will be anatomy of peripheral nerves, nerve injury responses, afferent fiber types, chemo sensitivity/inflammation, spinal and supraspinal systems.

Animal Models Used to Assess/Study Pain

Michelle Hawkins, Joann Paul-Murphy, Rob Coke

Animal models can be used by any species. The overview of this session will be to introduce the concepts of how each model works. A discussion of the accuracy/inaccuracy of pain scoring models for the various species groups will also be discussed.

Pain Studies by Drug and Vertebrate Class: Opioids: An Overview of the Actions of this Class of Drugs, and Adverse Reactions, Contraindications, or Other Drug Interactions

Michelle Hawkins, Joann Paul-Murphy, Rob Coke

We will review opioid studies from each species group and discuss what works.

Pain Studies by Drug and Vertebrate Class: NSAIDs: An Overview of Actions, What is Known About the Mechanics of Action, Adverse Reactions, and Other Drug Interactions

Michelle Hawkins, Joann Paul-Murphy, Rob Coke

We will review NSAID studies from each species group and discuss what works.

Pain Studies by Drug and Vertebrate Class: Locals: An Overview of How These Drugs Work and Adverse Reactions

Michelle Hawkins, Joann Paul-Murphy, Rob Coke

We will review how these drugs work in each species group and adverse reactions.

Pain Studies by Drug and Vertebrate Class Other Drugs: SSRI, Alpha-Agonists, Tramadol, Gabapentin

Michelle Hawkins, Joann Paul-Murphy, Rob Coke

This lecture will provide an overview of each of drug, what has been studied, and what has not been studied within each species group.

LECTURE DESCRIPTIONS

Pain Studies by Drug and Vertebrate Class Reptile, Amphibian, and Fish Anesthesia

Michelle Hawkins, Joann Paul-Murphy, Rob Coke

In this session the exotic practitioner will be presented with information that is clinically useful when applying safe and effective anesthesia in a practice setting.

Interactive, Panel Discussion to Evaluate Cases in Each Species Group

Michelle Hawkins, Joann Paul-Murphy, Rob Coke

Cases presented will include acute pain, intra-operative analgesia, post-operative analgesia, and management of chronic pain, as in arthritis or cancer pain.

Mechanisms of Acupuncture Analgesia

Christine Eckerman-Ross

This lecture will provide an introduction to the relevant neuroanatomy, neurotransmitters, and pathways involved in acupuncture analgesia.

Acupuncture Analgesia in Exotic Companion Mammals

Christine Eckerman-Ross

A review of existing case reports, research, and evidence supporting the use of acupuncture for analgesia in exotic animals.

Herbs and Other Integrative Medicine for Analgesia

Christine Eckerman-Ross

A review of common herbs, nutraceuticals, and other integrative therapies for pain control and evidence supporting their use in exotics.

Feline

Normal Feline Behavior and Development

Lore Haug

This lecture introduces the attendee to normal behavior patterns including sleep, social interaction, and predation. The lecture also discusses developmental stages of kittens and how these stages influence the cat's behavior including onset of potential behavior problems.

Setting Kittens and Owners Up for Success

Lore Haug

This lecture discusses preventative measures for cat owners to avoid the development of behavior problems. The lecture will also touch on some aspects of abnormal kitten behavior that may be related to genetics or perinatal influences.

Please Join us for two ABVP Breakfast Sessions:

THE USE OF BISPHOSPHONATES IN THE EQUINE PATIENT

Joe Manning, DVM, MBA

DATE: Friday, October 7th

TIME: 6:45am-7:45am

LOCATION: Conference Room 11

TREATMENT OF CANINE HYPERADRENOCORTICISM

Dr. Todd Archer, DVM, MS, DACVIM

DATE: Sunday, October 9th

TIME: 6:45am-7:45am

LOCATION: Conference Rooms 1-4



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Cats in Prison: Saving the Sanity of Indoor Cats with Effective Environmental Enrichment

Lore Haug

This lecture gives attendees a variety of suggestions for enriching feline environments to improve health and welfare. Information will cover all sensory modalities.

Dealing with Feline Nuisance Behaviors

Lore Haug

The lecture will cover treatment suggestions for dealing with common problems such as scratching, vocalization, destruction, “hyperactivity”, play aggression, and others.

Repetitive and Miscellaneous Behavior Problems in Cats

Lore Haug

Repetitive behaviors in animals can be challenging in terms of finding underlying causes and effective treatments. This lecture covers behaviors such as Feline Hyperesthesia Syndrome, pica, and masturbation.

Feline Behavioral Pharmacology

Lore Haug

The lecture will cover common drug classes, mechanism of action, and usage for common behavior issues. Information is also provided on safely choosing drug combinations and understanding best drug choice for specific patients.

Cat Scratch Fever: Dealing with Feline Aggression Toward Humans

Lore Haug

This lecture discusses some of the factors associated with the development and maintenance of human directed aggression in cats. It will also cover treatment modalities and medications that can be used to improve the problem.

Syndromes, Not Diagnoses

Valerie Fadok

Three common dermatologic presentations in cats include miliary dermatitis, eosinophilic granuloma, and overgrooming. We will discuss these dermatologic disorders as syndromes with multiple underlying causes and suggest an approach to obtaining the specific etiologic diagnosis.

Ectoparasites in Cats

Valerie Fadok

Ectoparasites often cause itch and inflammation in the skin. We will discuss diagnosis and treatment for fleas and flea allergy, as well as Cheyletiellosis, Notoedres, and Demodex in cats.

Food Allergy in Cats: The Agony and the Ecstasy

Valerie Fadok

Food allergy is easy to control but hard to diagnosis. The difficulties we have in dogs is magnified in cats. We will discuss what we know about the pathogenesis of food allergy in cats, and how to approach its diagnosis.

What Do We Know About Atopy in Cats Compared to Dogs?

Valerie Fadok

Cats develop allergic skin disease, but we know much less about its pathogenesis, compared to what we have learned about the canine disease. We will discuss the modern thinking about atopic dermatitis in dogs and see what we can apply to cats, then discuss diagnosis and treatment.

Dermatophytosis in Cats

Valerie Fadok

Dermatophytosis is not the most common skin disease of cats, but when it occurs, it can be a challenge to diagnose and to treat. We will discuss the new thinking about this disease, how to diagnose it, and how to treat it effectively.

Mycobacteriosis

Valerie Fadok

Mycobacteriosis, while not restricted to cats, can present a challenge for diagnosis and effective treatment. We will discuss the bacteria causing this disease, how to diagnose it, and how to plan for the long term treatment these cats require.

Immune Mediated Skin Disease: Differences Between Dogs and Cats

Valerie Fadok

We will discuss the immune mediated skin disorders in dogs and cats, comparing and contrasting them with regard to clinical appearance, diagnosis, and treatment.

Food Animal

Food Armor® Phase I: HACCP for Proper Drug Use Workshop

Jon Garber

The Food Armor® (HACCP) for Proper Drug Use program delivers a verifiable drug use quality assurance program by defining the roles and responsibilities of those using it. The objective is to identify potential hazards on a farm and to identify critical control points to limit these hazards. Proper implementation of this program should ensure food safety, as well as transparency and accountability for appropriate drug use on a farm.

Food Armor® Phase II: Becoming an Accredited Veterinarian Workshop

Katie Mrdutt

Gaining Food Armor® Accredited Veterinarian status will empower veterinarians to work with farms to improve the quality and safety of the food produced and effectively manage risk. Full completion of Phase I and Phase II workshops is required for a veterinarian to become Food Armor® Accredited to be able to offer Food Armor® farm certification.

Shelter Medicine

Lessons Learned from the Fires, Floods, Explosions, Tornadoes, and Ebola: The Texas A&M VET Experience I and II

Debra Zoran

Session is aimed to provide veterinarians and technicians with information and provide lessons learned from our own experiences. In particular the two-hour session will provide info that will assist them to help develop emergency response capabilities in their own communities while not putting themselves or their practice at risk.

Perioperative Mortality for High Volume Surgical Sterilization Clinics: Results from Over 1.2 Million Records


Rachael Kreisler

Nearly a million and a quarter anonymized sterilization records of dogs and cats from 81 High Quality High Volume Spay Neuter clinics were analyzed to determine perioperative all-cause mortality, patient-based risk factors and inter-clinic variation. Overall mortality rates were very low and the same (dogs) or better (owned cats) than previously published anesthetic-only rates for private practice. Significant patient-based risk factors were identified, which differed for dogs and cats. Several clinics were found to have greater or lesser mortality than expected by chance alone.

Impact of Heat Treatment on Regional Prevalence of *Dirofilaria immitis* Antigen Detection in Shelter Dogs

Brian DiGangi

This session will describe the results of a multi-center study conducted to evaluate the regional prevalence of *Dirofilaria immitis* antigen detection in dogs before and after heat treatment of serum samples to disrupt antigen-antibody complexes. Risk factors for false negative test results will be described.



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Diarrhea in Kittens

Debra Zoran

Discussion of diagnosis and management of diarrhea in kittens and cats in the shelter setting. Major emphasis will be placed on the infectious diseases but also on nutritional causes in chronic kitten diarrhea.

Nutrition in the Shelter Setting

Debra Zoran

This talk will review the basic approaches to consider for common nutritional issues in shelter animals (malnutrition, diarrhea, poor growth/body condition).

Behavior Assessment Tools for Dogs in a Shelter Setting

Sara Bennett

This lecture will explore the definition of temperament and the utility of several different test formats and measuring tools. The requirements for an accurate and predictive test will be discussed, including reliability, validity, standardization, and feasibility. Recommendations on how to use the information collected from testing modalities will be covered.

Veterinary Psychopharmaceuticals and Their Use in Shelter Medicine

Sara Bennett

Psychopharmaceuticals can be a helpful tool to manage and address behavior concerns in sheltered pets. The sheltered pet's unique situation warrants additional considerations before use of these medications. Common behavioral concerns and diagnoses in sheltered pets will be discussed as well as what medications might be most appropriate for these conditions.

Behavior Modification for Cats in Shelters and Foster Homes

Sara Bennett

Different types of learning and the four quadrants of operant conditioning will be discussed. Requirements for successful use and welfare implications of each will be addressed. The lecture will conclude with the steps to create a basic behavior plan, including important management steps to ensure success.

Comparison of Surgical and Non-Surgical Castration with Zinc Gluconate in Dogs Presenting to Veterinary Field Clinics in Ecuador

Brian DiGangi

This session will describe the preliminary results of a prospective field study conducted to evaluate the feasibility and complication rate of surgical and non-surgical castration of dogs presenting to veterinary field clinics in Ecuador.

Pedicle Tie as a Safe and Efficient Means of Ovarian Pedicle Hemostasis in Feline Ovariohysterectomy

Jacob Shivley

The objective of this study was to test via a randomized clinical trial the safety and efficiency of the pedicle tie on ovarian vessels compared to tying suture ligatures during elective feline ovariohysterectomy. On average, student surgeons completed the surgery using the pedicle tie 2.2 minutes faster than suture ligation; however, that difference was not significantly different ($p=0.24$). There also was no significant difference between pre-operative and one-day post-operative hematocrit or heart rate ($p>0.25$). The pedicle tie was as safe and efficient as traditional methods for pedicle tie ligation during feline OVH.

Shelter Animal Behavior Cases Workshop

Sara Bennett

Attendees will have the opportunity to participate in creating objective descriptions, behavioral problem lists, differential diagnoses, and comprehensive plans for each case. Video examples and group discussion will be included in the exercises.

Lessons Learned from Fires, Tornadoes, and Floods: The Essential Need for Veterinarians in Disasters, but the Essential Need for Veterinarians to Understand Disasters I and II

Debra Zoran

Using experiences gained from deployments to a wide variety, complexity, and length of disaster responses, this talk will introduce and discuss with the audience the important roles veterinarians must play in disaster response, the essential need for veterinarians to understand their place in the response and their roles, and the key pitfalls and potential challenges that occur in every disasters that can complicate that response.

AVTCP

Canine & Feline

Small Animal Immunology and Vaccination I and II

Liza Rudolph

Vaccination has been proven effective in the control of a range of major infectious diseases within the pet population. The goal and methods of vaccination to create an adequate level of protective immunity to infectious disease will be discussed.

IMHA for the Veterinary Technician

Liza Rudolph

Immune mediated hemolytic anemia (IMHA) or autoimmune hemolytic anemia (AIHA) is the most common cause of hemolysis in dogs. Presentation, diagnosis, treatment options, and supportive care are discussed with particular emphasis on the role of the veterinary technician or veterinary nurse.

Flexible GI Endoscopy

Liza Rudolph

As veterinary endoscopy use continues to increase, veterinary technicians will be required to have advanced knowledge of endoscopic equipment and procedures. Skilled technicians that are comfortable with endoscopy are assets to their patients, doctors, and practice.

The Ins and Outs of Blood Pressure Measurement

Liza Rudolph

Blood pressure measurement is an important parameter in our small animal patients. An understanding of the pros and cons of monitoring options and obtaining the most accurate reading is paramount in providing high quality patient care.

Principles of Transfusion Medicine

Liza Rudolph

This lecture will provide participants with a strong foundation in the principles of small animal transfusion medicine including: blood type systems, donor selection, component therapy, transfusion administration, and recognition and treatment of transfusion reactions. The role of the veterinary technician in transfusion medicine will be stressed.

CPR - The RECOVER Initiative

Liza Rudolph

The RECOVER CPR guidelines that were published in 2012 by JVECCS are the first evidence-based recommendations for CPR in veterinary patients. They were developed with the goal of improving the outcome in small animal patients that experience CPA.

Exotics

Lizards, Snakes, and Turtles, Oh My! A Review of Anatomy, Husbandry, and Sample Collection

Sarah Kolb

This one-hour lecture will discuss species-specific anatomy, how to obtain a thorough patient history, physical exams, species-specific husbandry considerations, and sample collection from various reptile species.

Reptile Nutritional Disorders

Sarah Kolb

This one-hour lecture will cover symptoms, diagnosis, and treatment of nutritional disorders. Disorders discussed include gout, obesity, constipation, nutritional secondary hyperparathyroidism, and hypovitaminosis A. The role husbandry plays in relation to each nutritional disorder will be discussed.

Exotic Companion Animal Fluid Therapy *Sarah Kolb*

This one-hour lecture will cover why fluid therapy is necessary, types of fluids available, how to calculate fluid rates, and routes of fluid administration for various exotic companion animals species.

Avian Handling and Behavior: The Health Assessment

Sarah Kolb

This one-hour lecture will teach avian restraint techniques, as well as how to assess the behavior of your patient in the hospital setting. Patient history, physical exams, and husbandry will be discussed.

An In-Depth Look Into the Avian Respiratory System

Sarah Kolb

This one-hour lecture will explore the anatomy and physiology of the avian respiratory system.

Birds with Big Bellies: Coelomic Distention

Sarah Kolb

This one-hour lecture will discuss how to properly handle and restrain a bird that presents with coelomic distention. Medical conditions that cause coelomic distention will be discussed.

Feather Destruction Disorder

Sarah Kolb

This one-hour lecture will discuss medical conditions that may cause birds to pluck their feather. The role of environmental enrichment and husbandry as related to feather destruction disorder will be discussed.

Speakers

Chris Adolph, DVM, MS, DACVP
 Todd Archer, DVM, MS, DACVIM
 Sara L. Bennett, DVM, MS, DACVB
 Rob L. Coke, DVM, DACZM, DABVP (Reptile & Amphibian), CVA
 Craig Datz, DVM, MS, DABVP (Canine & Feline), DABVP (Feline), DACVN
 Brian DiGangi, DVM, MS, DABVP (Canine & Feline), DABVP (Shelter Medicine Practice)
 Michael Dutton, DVM, MS, PGCVE, DABVP (Canine & Feline), DABVP (Avian), DABVP (Exotic Companion Mammal), CVPP
 Christine Eckerman-Ross, DVM
 Valerie A. Fadok, DVM, PhD, DACVD
 Jon Garber, VMD, DABVP (Dairy)
 Lore I. Haug, DVM, MS, DACVB
 Michelle Hawkins, VMD, DABVP (Avian)
 Don Hulse, DVM, DACVS, ECVS
 MVDr. Vladimír Jekl, Ph.D., Dip. ECZM (Small Mammal)
 Sarah J Kolb, RVT, VTS (CP-Exotic Companion Animals)
 Rachael Kreisler, VMD, MSCE
 Gregory R. Lisciandro, DVM, DABVP (Canine & Feline), DACVECC
 Kenneth L. Marcella, DVM, AAT
 Deborah Martin, LVT, VTS (Behavior)
 Katie Mrdutt, DVM
 Brook A. Niemiec, DVM, DAVDC, DEVDC, FAVD
 Joanne Paul-Murphy, DVM, DACZM, DACAW
 Amy Polkes, DVM, DACVIM
 Suzanne Plamondon, DVM, MBA, CVA, CCRT, DABVP (Canine & Feline)
 F. Ross Rich, DVM, PA-C, BSN, SF18D
 Liza W. Rudolph, BAS, CVT, VTS (CP-CF, SAIM)
 Jeffrey Sarchet, DVM, DABVP (Beef Cattle)
 Daniel Scruggs, DVM, DACVP
 Jacob M. Shivley, DVM
 Ted P. Vlahos, DVM, MS, DABVP (Equine)
 Allison Wara, DVM
 Beverly Wilkinson, DVM
 Debra L. Zoran, DVM, PhD, DACVIM-SAIM



This program is pending RACE approval. This RACE approval is for the subject matter categories of Category 1, Category 2, and Category 3 using the delivery method of Seminar/Lecture and Lab/Wet Lab. This approval is valid in jurisdictions which recognize AAVSB RACE; however, participants are responsible for ascertaining each board's CE requirements.



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