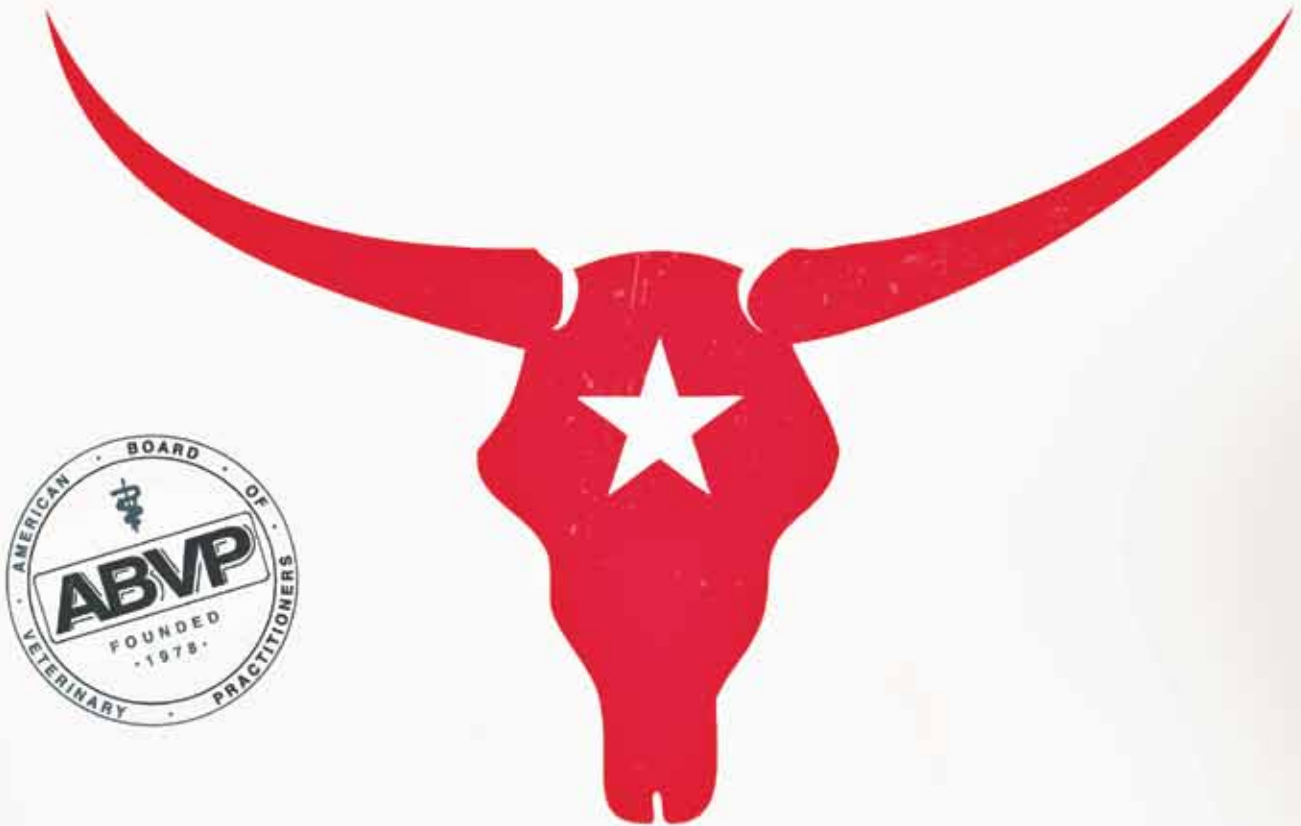


**17TH ANNUAL
ABVP SYMPOSIUM
APRIL 12-15, 2012**



SAN ANTONIO

**AMERICAN BOARD OF
VETERINARY PRACTITIONERS
★ ONSITE PROGRAM ★**

WELCOME TO THE 17TH ANNUAL ABVP SYMPOSIUM

GENERAL INFORMATION

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.

PROCEEDING NOTES

The Veterinary Information Network (VIN) has proceedings available at their cyber café. No copies of proceedings are available at the registration desk.

REGISTRATION DESK HOURS

Wednesday, April 11: 2:00PM-5:00PM
Thursday, April 12: 10:00AM-5:00PM
Friday, April 13: 7:00AM-5:00PM
Saturday, April 14: 7:00AM-5:00PM
Sunday, April 15: 7:00AM-1:00PM

EXHIBIT HALL HOURS

Friday, April 13: 12:50PM-7:00PM
Saturday, April 14: 9:00AM-4:15PM
Sunday, April 15: 7:30AM-11:00AM

CONTINUING EDUCATION CREDITS

Attendees can earn 20+ hours of continuing education credit. The CE certificate is located at the back of this program.

CANCELLATIONS

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

ABVP/AAHA KICK-OFF SEMINAR: SOCIAL MEDIA AND TODAY'S VETERINARY PRACTICE.

Thursday, April 12, 1:00PM-5:00PM

BILL SCHROEDER, LIVE OAK

Gone are the days where facebook, YouTube, twitter, and the like are novelty sites for teens. Today's most successful practices understand the need, but few know where to start. This course will provide you the information you need to succeed! Ticket required for attendance.

SUN RISE SESSION: OBESITY: HEALTH AND MOBILITY RISKS.

Saturday, April 14, 7:00AM-7:50AM

SHERRY SANDERSON, REGENCY WEST

Review of obesity pathophysiology and management and related health risks in dogs and cats, highlighting the importance of weight control for managing joint disease and lameness. Breakfast will be available at 6:30am. Ticket required for attendance.

CROSS SPECIES: WHAT TO DO WHEN A MALPRACTICE OR VETERINARY BOARD CLAIM IS ASSERTED.

Friday, April 13, 10:00AM-12:00PM

DAVE STOLL, REGENCY WEST

This discussion will address what veterinarians should do when presented with a veterinary board complaint or civil veterinary malpractice suit. Topics will include the importance of timely reporting claims to insurance carriers, and what to expect throughout the course of a lawsuit and the administration of a veterinary board complaint.



WET LAB: TRICKS AND TECHNIQUES FOR EXOTIC COMPANION MAMMALS.

Thursday, April 12, 1:00PM-5:00PM

ANGELA LENNOX AND DAN JOHNSON

This interactive wet lab will be held at the Veterinary Referral Hospital and Emergency Center of South Texas. Fee is \$300. Seats still remain and may be purchased at the registration desk. Meet in the hotel lobby for a 12:30pm departure. Buses will depart promptly at 12:30pm and return to the hotel at 5:30pm. Ticket required for attendance.

DRY LAB: CANINE/FELINE ENDOSCOPY.

Thursday, April 12, 1:00PM-5:00PM

MIKE WILLARD, MAVERICK

Laparoscopy is a minimally invasive approach to the abdomen for organ biopsy, diagnostic techniques and surgical procedures. The lab will use models to develop skills necessary for manipulation of organ structures. In addition, participants will replicate procedures such as liver biopsy, bowel examination, full thickness intestinal biopsy, and resection of tissue using laparoscopic scissors/vessel sealing devices. Ticket required for attendance.



REGENTS TRACK RECEPTION

Thursday, April 12, 5:45PM-7:00PM

GARDEN TERRACE

All attendees are welcome to attend this reception hosted by ABVP's Regents. It is the first opportunity of the Symposium to network with colleagues.



WELCOME RECEPTION

Friday, April 13 5:30PM-7:00PM *REGENCY FOYER*

We invite everyone in attendance to join us in the exhibit hall for this annual event. Drinks will be available and exhibit booths will be open during this time.

ABVP CERTIFICATION WORKSHOP: FOR THOSE ALREADY IN THE PROCESS

Saturday, April 14 5:30PM-6:15PM *LIVE OAK*

Have you applied for ABVP certification 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? Led by the Chair of the Credentials Committee and Outreach Committee, this session is designed to help answer all those questions and more.

ABVP DIPLOMATE MEETING

Saturday, April 14 5:30PM-6:15PM *REGENCY WEST*

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.

CROSS SPECIES: DON'T BE DOCTOR A: HOW TO AVOID MALPRACTICE AND BOARD COMPLAINTS.

Friday, April 13 8:00AM-9:00AM

KAREN WERNETTE, *REGENCY WEST*

The AVMA PLIT trust representatives review thousands of reported claims each year that allege veterinary negligence. Attendees will learn about actual claim scenarios (including poor communication) and how to prevent the common scenarios that lead to allegations.



GOLDEN RETRIEVER LIFETIME STUDY: STUDY DESIGN AND ANTICIPATED OUTCOMES.

Friday, April 13 7:00AM-7:50AM

WAYNE JENSEN, *REGENCY WEST*

Morris Animal Foundation's Golden Retriever Lifetime Study, the largest and longest observational study ever undertaken for dogs, is a groundbreaking effort to identify genetic, nutritional and environmental risk factors for cancer and other health problems. Ticket required for attendance.



ITEM WRITING WORKSHOP

Friday, April 13 7:00PM-10:00PM *LIVE OAK*

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

ABVP-IS IT FOR ME?

Saturday, April 14 5:30PM-6:15PM *REGENCY CENTER*

Are you considering ABVP certification? This session will provide an overview of the application process, study tips, deadlines, fees, and exam structure.

AVTCP Q&A SESSION

Saturday, April 14 5:30PM-6:15PM *LLANO*

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

CROSS SPECIES: BREAKING THE SILENCE: DISCUSSING ERRORS WITH CLIENTS.

Friday, April 13 9:00AM-10:00AM

KAREN WERNETTE, *REGENCY WEST*

When an adverse outcome is the result of medical error, it requires a particularly thoughtful response on the part of the veterinarian and staff. Attendees will be able to recognize and identify steps to take to respond most constructively and ethically in these situations.



ANNUAL AWARDS RECEPTION AND DINNER



Saturday, April 14 6:45PM-9:30PM *RIO GRANDE FOYER AND BALLROOM*

We look forward to welcoming all attendees to this annual dinner where we recognize newly certified and recertified Diplomates. \$60 per person. Reservation required. No additional reservations will be taken after 12:00PM on Friday, April 13. Ticket required for attendance.

CONFERENCE AT A GLANCE

THURSDAY, APRIL 12

| | | |
|---------------|---|---|
| 1:00PM-5:00PM | Wet Lab: Tricks and Techniques for Exotic Companion Mammals. Ticket Required. <i>Angela Lennox and Dan Johnson</i> | |
| 1:00PM-5:00PM | Dry Lab: Canine/Feline Endoscopy. Ticket Required. <i>Mike Willard, Maverick</i> |  |
| 1:00PM-5:00PM | ABVP/AAHA Kick-Off Seminar: Social Media and Today's Veterinary Practice. Ticket Required. <i>Bill Schroeder, Live Oak</i> | |
| 5:45PM-7:00PM | Regents Track Reception <i>Garden Terrace</i> |  |
| 7:15PM-9:15PM | Canine Case Studies in Cardiology. <i>John Rush, Regency West</i> |  |

FRIDAY, APRIL 13

| | | |
|-----------------|--|---|
| 7:00AM-7:50AM | Golden Retriever Lifetime Study: Study Design and Anticipated Outcomes. Ticket Required. <i>Wayne Jensen, Regency West</i> |  |
| 8:00AM-12:00PM | AVTCP Exams, Nueces | |
| 8:00AM-9:00AM | Cross Species: Don't be Doctor A: How to Avoid Malpractice and Board Complaints. <i>Karen Wernette, Regency West</i> |  |
| 9:00AM-10:00AM | Cross Species: Breaking the Silence: Discussing Errors with Clients. <i>Karen Wernette, Regency West</i> |  |
| 10:00AM-12:00PM | Cross Species: What to Do When a Malpractice or Veterinary Board Claim is Asserted. <i>Dave Stoll, Regency West</i> |  |
| 12:00PM-12:50PM | Networking Luncheon. Dessert in Exhibit Hall. Ticket Required. <i>Garden Terrace</i> | |
| 12:50PM-1:30PM | Exhibit Hall Opening | |
| 1:30PM-2:30PM | Lectures | |
| 2:30PM-3:00PM | Break in Exhibit Hall | |
| 3:00PM-4:00PM | Lectures | |
| 4:00PM-4:30PM | Break in Exhibit Hall | |
| 4:30PM-5:30PM | Lectures | |
| 5:30PM-7:00PM | Welcome Reception in Exhibit Hall. <i>Regency Foyer</i> | |
| 7:00PM-10:00PM | AVTCP Meeting, Llano | |
| 7:00PM-10:00PM | Item Writing Workshop, Live Oak | |

SATURDAY, APRIL 14

| | |
|-----------------|--|
| 6:30AM-8:00AM | Continental Breakfast, Regency West <i>P&G Pet Care</i> |
| 7:00AM-7:50AM | Sun Rise Session: Obesity: Health and Mobility Risks. Ticket Required. <i>P&G Pet Care</i> <i>Sherry Sanderson, Regency West</i> |
| 8:00AM-9:00AM | Lectures |
| 9:00AM-9:30AM | Break in Exhibit Hall |
| 9:30AM-10:30AM | Lectures |
| 10:30AM-11:00AM | Break in Exhibit Hall |
| 11:00AM-12:00PM | Lectures |
| 12:00PM-1:30PM | Networking Luncheon. Ticket Required. <i>Garden Terrace</i> |
| 1:30PM-2:30PM | Lectures |
| 2:30PM-3:00PM | Break in Exhibit Hall |
| 3:00PM-4:00PM | Lectures |
| 4:00PM-4:15PM | Break in Exhibit Hall |
| 4:15PM-5:15PM | Lectures |
| 5:30PM-6:15PM | ABVP Certification Workshop: For Those Already In the Process. <i>Live Oak</i> |
| 5:30PM-6:15PM | ABVP – Is it for me? <i>Regency Center</i> |
| 5:30PM-6:15PM | ABVP Diplomate Meeting. <i>Regency West</i> |
| 5:30PM-6:15PM | AVTCP Q&A Session. <i>Llano</i> |
| 6:45PM-9:30PM | Annual Awards Reception and Dinner <i>Ticket Required,</i> <i>Rio Grande Foyer and Ballroom</i> |

 **Bayer**

SUNDAY, APRIL 15

| | | |
|-----------------|-------------------------------|--|
| 7:30AM-8:00AM | Coffee in Exhibit Hall | |
| 8:00AM-9:00AM | Lectures | |
| 9:00AM-9:30AM | Break in Exhibit Hall | |
| 9:30AM-10:30AM | Lectures | |
| 10:30AM-11:00AM | Break in Exhibit Hall | |
| 11:00AM-12:00PM | Lectures | |

FRIDAY

1:30PM-2:30PM

Female Reproductive Tract Anatomy and Physiology

Anna Osofsky

3:00PM-4:00PM

Female Reproductive Tract Disease

Anna Osofsky

4:30PM-5:30PM

Psittacine Reproductive Behavior

Anneliese Strunk

SATURDAY

8:00AM-9:00AM

Avian Reproductive Tract Surgery I

Scott Echols

9:30AM-10:30AM

Avian Reproductive Tract Surgery II

Scott Echols

11:00AM-12:00PM

Avian Renal Disease I

Scott Echols

1:30PM-2:30PM

Avian Renal Disease II

Scott Echols

3:00PM-4:00PM

Psittacine Gastrointestinal Tract: Anatomy/Physiology

Anneliese Strunk

4:15PM-5:15PM

Psittacine Gastrointestinal Tract: Diseases/Diagnostics

Anneliese Strunk

SUNDAY

8:00AM-9:00AM

Avian Gastrointestinal Tract Surgery I

Scott Echols

9:30AM-10:30AM

Avian Gastrointestinal Tract Surgery II

Scott Echols

11:00AM-12:00PM

Psittacine Nutrition: Focus on Lipid Metabolism and Obesity

Anneliese Strunk

LECTURE DESCRIPTION

Female Reproductive Tract Anatomy and Physiology

Anna Osofsky

The anatomy and physiology of the female reproductive tract will be reviewed in detail. This lecture is designed to help applicants prepare for the ABVP exam and help practitioners review these important concepts. Included will be a review of all sexually dimorphic parrot species.

Female Reproductive Tract Disease

Anna Osofsky

Clinical signs, pathophysiology, diagnosis, treatment, and prognosis of female reproductive

tract diseases will be reviewed with a focus on medical management.

Psittacine Reproductive Behavior

Anneliese Strunk

Discussion of behavioral aspects of reproduction in psittacine birds, including clinically relevant behavioral problems and behavioral modification techniques.

Avian Reproductive Tract Surgery I & II

Scott Echols

Reproductive tract diseases of birds are commonly encountered. Many of these diseases can only be resolved with surgery. These lectures will focus on surgery of the ovary, oviduct, testicles, and vas deferens.

Avian Renal Disease I & II

Scott Echols

Avian renal disease comes in many forms and may be associated with multiple diseases and etiologies. Understanding the potential causes of renal disease in birds helps with diagnosis and treatment. These lectures will cover potential mechanisms, consequences, etiologies, specific reported forms, diagnosis, and treatment of avian renal diseases.

Psittacine Gastrointestinal Tract: Anatomy/Physiology

Anneliese Strunk

Review of gastrointestinal anatomy and physiology of psittacines, with updates from current literature.

Psittacine Gastrointestinal Tract: Diseases/Diagnostics

Anneliese Strunk

Discussion of gastrointestinal diseases of psittacines, including pertinent diagnostics, with updates from current literature.

Avian Gastrointestinal Tract Surgery I & II

Scott Echols

Gastrointestinal diseases are frequently encountered in avian patients. Most can be managed medically. However, some gastrointestinal diseases require surgical correction. These lectures will cover surgery of the gastrointestinal tract from the esophagus to the vent.

Psittacine Nutrition: Focus on Lipid Metabolism and Obesity

Anneliese Strunk

Review of lipid metabolism in avian species with primary focus on obesity in psittacines, including causes, sequelae, and treatment options.



THURSDAY

7:15PM-9:15PM

Canine Case Studies in Cardiology *John Rush*



FRIDAY

1:30PM-2:30PM

Arrhythmia Recognition and Management *John Rush*



3:00PM-4:00PM

Cardiac Biomarkers, Radiographs, Echo *John Rush*



4:30PM-5:30PM

Recognition and Management of CHF in the Dog *John Rush*



SATURDAY

8:00AM-9:00AM

Congenital Heart Disease
John Rush



9:30AM-10:30AM

The Surgical Acute Abdomen I *F.A. (Tony) Mann*



11:00AM-12:00PM

The Surgical Acute Abdomen II *F.A. (Tony) Mann*



1:30PM-2:30PM

The Surgical Acute Abdomen III *F.A. (Tony) Mann*



3:00PM-4:00PM

Acute Emergency Wound Management I
F.A. (Tony) Mann



4:15PM-5:15PM

Acute Emergency Wound Management II
F.A. (Tony) Mann



SUNDAY

8:00AM-9:00AM

Stem Cells – Basic Mechanisms of Action *Kathy Fitzwater*



9:30AM-10:30AM

Stem Cells – Evidence Based Medicine Supports the Clinical Use *Kathy Fitzwater*



11:00AM-12:00PM

Stem Cells – How to Incorporate Regenerative Medicine in Your Practice *JoAnne Roesner*



LECTURE DESCRIPTION

Canine Case Studies in Cardiology *John Rush*

Cases of dogs with cardiac disease will be presented, including clinical findings and the results of diagnostic testing. Audience participation is encouraged.

Arrhythmia Recognition and Management

John Rush

Cardiac arrhythmias are an important cause of sudden death and collapse in dogs, especially with cardiomyopathy. Arrhythmia recognition, drug mechanism of action, and rationale use of antiarrhythmic drugs will be discussed.

Cardiac Biomarkers, Radiographs, Echo

John Rush

These key diagnostic tests are important for the appropriate management of cardiac disease in dogs. We will emphasize key diagnostic clues from biomarkers, radiographs, and echocardiography.

Recognition and Management of CHF in the Dog *John Rush*

Congestive heart failure is often a result of chronic valvular disease or cardiomyopathy, and the treatment of heart failure is slowly changing. Pathophysiology, diagnosis, and commonly employed medical and dietary management will be discussed.

Congenital Heart Disease *John Rush*

Specific cures are available for some severe malformations. We will emphasize the patho-

physiology and recognition of the most common congenital diseases and possible medical or surgical interventions for each.

The Surgical Acute Abdomen I

F.A. (Tony) Mann

This lecture will place emphasis on the acute abdomen decision-making process. Diagnostic methods will be discussed to decide if surgery is warranted and if that surgery should be done on an emergent basis.

The Surgical Acute Abdomen II

F.A. (Tony) Mann

Surgical intervention for the treatment of acute abdomen will be discussed in general and some specific techniques (such as gastropexy, diaphragmatic herniorrhaphy, urinary bladder repair, intestinal anastomosis, and splenectomy) will be exemplified.

The Surgical Acute Abdomen III

F.A. (Tony) Mann

This lecture will be a discussion of postoperative management of acute abdomen patients and will include general supportive measures and monitoring, analgesic choices, nutritional support, and specific interventions based on the underlying condition or specific surgical manipulations.

Acute Emergency Wound Management I & II

F.A. (Tony) Mann

These interactive lectures discuss early wound management. Topics will include wound inspec-

tion, lavage, debridement, bandaging, topical medications, wound closure, drainage, and the role of antibiotic therapy.

Stem Cells – Basic Mechanisms of Action

Kathy Fitzwater

Stem cells fall under the category of regenerative medicine. This lecture will explain why regenerative medicine is considered by many to be the future of medicine. Learn about the purpose of stem cells *in situ*, sites that contain stem cells, the difference between adult and embryonic stem cells, and how stem cells behave *in vivo*.

Stem Cells – Evidence Based Medicine Supports the Clinical Use

Kathy Fitzwater

Evidence Based Medicine (EBM) is a hot topic, yet little time is devoted to explain what it is and how it can be incorporated into clinical practice. This lecture will summarize the goal of EBM and highlight studies that demonstrate the clinical relevance of stem cell therapy.

Stem Cells – How to Incorporate Regenerative Medicine in Your Practice

JoAnne Roesner

Learning new information or techniques is only part of a progressive practice. In order to successfully offer these new products and services to our clients veterinarians must know: how to select cases; answers to common questions asked by pet owners; what outcomes to expect; when and how to retreat; and finally how to 'get the word out' that your clinic is now in the field of regenerative medicine.

FRIDAY

1:30PM-2:30PM

Treatment of Heel Lacerations in the Field *Robin Dabareiner*

3:00PM-4:00PM

Osteoarthritis and Joint Therapy *Robin Dabareiner*

4:30PM-5:30PM

Diagnosis and Treatment of Sore Feet in the Horse *Robin Dabareiner*

SATURDAY

8:00AM-9:00AM

How to Perform Standing Neurectomy and Deep Flexure Tenotomy in the Standing Horse *Robin Dabareiner*

9:30AM-10:30AM

Poor Performance and Lameness in the Western Horse *Robin Dabareiner*

11:00AM-12:00PM

Lameness Case Studies *Robin Dabareiner*

1:30PM-2:30PM

Principles of Antimicrobial Therapy in Equine Medicine *Mark Crisman*

3:00PM-4:00PM

Selected Topics in Rational Antibiotic Usage *Mark Crisman*

4:15PM-5:15PM

Antibiotic Therapy in Horses: A Case-Based Presentation *Mark Crisman*

SUNDAY

8:00AM-9:00AM

Update on Equine Respiratory Disease *Mark Crisman*

9:30AM-10:30AM

Acupuncture – Is it Right for Your Horse? *Mark Crisman*

11:00AM-12:00PM

NSAIDS – New and Improved? Or More of the Same... *Mark Crisman*

LECTURE DESCRIPTION

Treatment of Heel Lacerations in the Field *Robin Dabareiner*

How to approach treatment of heel bulb lacerations includes when to suture, when to let it heal by secondary intention, application of foot case and regional limb perfusion.

Osteoarthritis and Joint Therapy *Robin Dabareiner*

Description of how intra-articular steroids, adequan and Hyaluronic Acid work to decrease inflammation in the joint. When to use specific steroids vs. adequan vs. HA for treatment of various joint problems.

Diagnosis and Treatment of Sore Feet in the Horse *Robin Dabareiner*

How to diagnose what structure within the foot is causing lameness without use of MRI. How and when to medicate the navicular bursa vs. coffin joint medication for navicular pain.

How to Perform Standing Neurectomy and Deep Flexure Tenotomy in the Standing Horse *Robin Dabareiner*

Description of surgical technique to perform neurectomy and DDFT transection in the standing horse.

Poor Performance and Lameness in the Western Horse *Robin Dabareiner*

Description of frequent causes of performance problems and lameness in horses used for team roping, barrel racing, cutting, and calf roping.

Lameness Case Studies *Robin Dabareiner*

A presentation of various lameness case studies.

Principles of Antimicrobial Therapy in Equine Medicine *Mark Crisman*

This lecture will focus on the therapeutic decision making process and general pharmacological considerations in this often difficult and complex exercise. The role of antimicrobial resistance in therapeutic failures will also be discussed.

Selected Topics in Rational Antibiotic Usage *Mark Crisman*

Increasingly, the practitioner will discover that the drug of choice is no longer a viable option or a newer compound is the 'drug du jour'. A significant challenge is actually getting the antibiotic into the horse along with the risks associated with unabsorbed drug disrupting the normal gut microflora. This lecture will focus on current issues associated with different classes of antibiotics.

Antibiotic Therapy in Horses: A Case-Based Presentation *Mark Crisman*

This discussion will cover several cases and detail the therapeutic decision making process.

Update on Equine Respiratory Disease *Mark Crisman*

Respiratory infections are quite common in horses and responsible for a considerable amount of days spent out of work as well as veterinary and

nursing expenses. This discussion will review the most important infectious respiratory diseases of horses along with therapeutic intervention.

Acupuncture – Is it Right for Your Horse? *Mark Crisman*

Chronic pain is a significant health problem associated with severe patient suffering and disability. Acupuncture is considered one of the most ancient therapeutic interventions of mankind dating back thousands of years. This discussion will focus on current literature and the neurophysiologic basis of acupuncture and applications in equine medicine.

NSAIDS – New and Improved? Or More of the Same... *Mark Crisman*

Although non-steroidal anti-inflammatory drugs (NSAIDs) are frequently administered to horses, there are potential side-effects associated with their use. Innovations in NSAID design have attempted to create drugs with fewer adverse effects. However, the availability of these drugs (coxibs) is limited to COX-2 inhibitors. Focus will be on the application of anti-inflammatory drugs in horses.



EXOTIC COMPANION MAMMAL, *NUECES*

FRIDAY

1:30PM-2:30PM

Gastrointestinal Tract of Exotic Companion Herbivores: Health and Disease I *Dan Johnson*

3:00PM-4:00PM

Gastrointestinal Tract of Exotic Companion Herbivores: Health and Disease II *Dan Johnson*

4:30PM-5:30PM

Gastrointestinal Tract of Exotic Companion Herbivores: Health and Disease III *Dan Johnson*

SATURDAY

8:00AM-9:00AM

Gastrointestinal Tract of Exotic Companion Herbivores: Health and Disease IV *Dan Johnson*

9:30AM-10:30AM

Gastrointestinal Tract of Exotic Companion Herbivores: Health and Disease V *Dan Johnson*

11:00AM-12:00PM

Gastrointestinal Tract of Exotic Companion Herbivores: Health and Disease VI *Dan Johnson*

1:30PM-2:30PM

Rational Anti-Microbial Therapy for Exotic Companion Mammals I *Thomas Donnelly*

3:00PM-4:00PM

Rational Anti-Microbial Therapy for Exotic Companion Mammals II *Thomas Donnelly*

4:15PM-5:15PM

Rational Anti-Microbial Therapy for Exotic Companion Mammals III *Thomas Donnelly*

SUNDAY

8:00AM-9:00AM

Diagnostic Testing for Exotic Companion Mammals I *Thomas Donnelly*

9:30AM-10:30AM

Diagnostic Testing for Exotic Companion Mammals II *Thomas Donnelly*

11:00AM-12:00PM

Diagnostic Testing for Exotic Companion Mammals III *Thomas Donnelly*

LECTURE DESCRIPTION

Gastrointestinal Tract of Exotic Companion Herbivores: Health and Disease I, II, III, IV, V, & VI *Dan Johnson*

This series of presentations covers the gastrointestinal system of commonly encountered pet herbivores (rabbit, guinea pig, chinchilla, rat, mouse, hamster, gerbil, degu, prairie dog). Clinically significant digestive anatomy, physiology, diseases, and treatments will be discussed.

Rational Anti-Microbial Therapy for Exotic Companion Mammals I, II, & III *Thomas Donnelly*

These lectures focus on anti-microbial therapy (antibiotic, antifungal, antiparasitic and antiviral) and include mode of action, pharmacokinetics in different species, and safe non-microbial side effects; value of probiotics and prebiotics; decision-making based on efficacy and toxicity; evaluation and limits of routine culture and sensitivity; and value of bacterial toxin testing.



Diagnostic Testing for Exotic Companion Mammals I, II, & III *Thomas Donnelly*

These lectures cover benefits and limitations of diagnostic testing and will include testing in individuals vs. groups; microbial sampling and transport; laboratory use of human bacterial ID kits for animal samples; serology and PCR for viruses, bacteria, protozoa, fungi and parasites; and hormone assays using ELISA & RIA. One lecture will be on testing and interpretation for *Encephalitozoon cuniculi*.



FRIDAY

1:30PM-2:30PM
A Young Adult Cat with Chronic Fever and Abdominal Lymphadenopathy I
John August

3:00PM-4:00PM
A Young Adult Cat with Chronic Fever and Abdominal Lymphadenopathy II
John August

4:30PM-5:30PM
A Senior Cat with Confusing Thyroid Hormone Results
John August

SATURDAY

8:00AM-9:00AM
A Senior Cat with Chronic Weight Loss and Gastrointestinal Disease I
John August

9:30AM-10:30AM
A Senior Cat with Chronic Weight Loss and Gastrointestinal Disease II
John August

11:00AM-12:00PM
A Senior Cat with Chronic Nasal Discharge
John August

1:30PM-2:30PM
Feline Pancreatitis: Recognizing the Disease and Understanding Therapy
Debra Zoran

3:00PM-4:00PM
Feline Dysbiosis and IBD: Diet, Antibiotics, and Probiotics I
Debra Zoran

4:15PM-5:15PM
Feline Dysbiosis and IBD: Diet, Antibiotics, and Probiotics II
Debra Zoran

SUNDAY

8:00AM-9:00AM
Feline Nutrition from Kittens to Geri's
Debra Zoran

9:30AM-10:30AM
Colonic Diseases in Cats: From Colitis to Constipation I
Debra Zoran

11:00AM-12:00PM
Colonic Diseases in Cats: From Colitis to Constipation II
Debra Zoran

LECTURE DESCRIPTION

A Young Adult Cat with Chronic Fever and Abdominal Lymphadenopathy I & II
John August

This interactive discussion will be case based, utilizing clinical information on a patient with vague clinical signs, including fever and lymphadenopathy. Interaction and input from attendees will be enhanced by an audience response system using text messages.

A Senior Cat with Confusing Thyroid Hormone Results
John August

This interactive discussion will be case based, utilizing clinical information on a patient with suspected thyroid disease and conflicting test results. Interaction and input from attendees will be enhanced by an audience response system using text messages.

A Senior Cat with Chronic Weight Loss and Gastrointestinal Disease I & II
John August

This interactive discussion will be case based, utilizing clinical information on a patient with chronic gastrointestinal signs and weight loss. Interaction and input from attendees will be enhanced by an audience response system using text messages.



A Senior Cat with Chronic Nasal Discharge
John August

This interactive discussion will be case based, utilizing clinical information on a patient with bilateral nasal discharge of several years' duration. Interaction and input from attendees will be enhanced by an audience response system using text messages.

Feline Pancreatitis: Recognizing the Disease and Understanding Therapy
Debra Zoran

Feline pancreatitis is a more common than realized, yet, difficult to diagnosis, and more difficult yet to manage, disease of middle aged to older cats. This lecture will focus on keys to recognition, diagnostic tools necessary for monitoring, and management ideas for dealing with this challenging disease.

Feline Dysbiosis and IBD: Diet, Antibiotics and Probiotics I & II
Debra Zoran

Cats with IBD and other forms of chronic diarrhea often have significant dysbiosis—a problem for which anti-inflammatory and

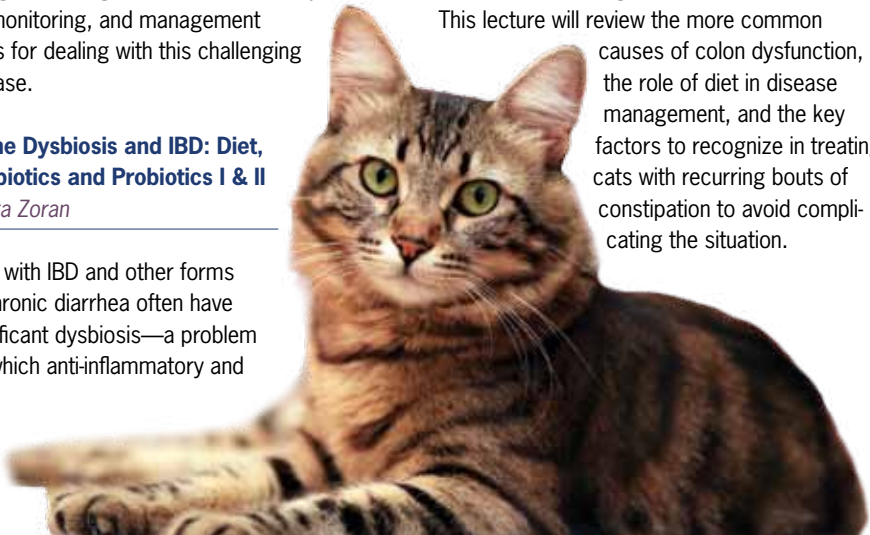
chemotherapy does not address. This lecture will focus on the role of diet, antibiotic therapy and probiotics in the creation, and management of bacterial dysbiosis of the small bowel in cats.

Feline Nutrition from Kittens to Geri's
Debra Zoran

The important role of nutrition in the health of kittens, adult cats, and geriatric felines will be discussed from the perspective of the role of protein in diets, understanding feline feeding behaviors and its role in early nutrition in cats, and the essential need of more protein (and other nutrients) in geriatric cats due to their changing ability to digest and absorb nutrients.

Colonic Diseases in Cats: From Colitis to Constipation I & II
Debra Zoran

Diseases of the colon in cats remain a common and often frustrating problem for practitioners. This lecture will review the more common causes of colon dysfunction, the role of diet in disease management, and the key factors to recognize in treating cats with recurring bouts of constipation to avoid complicating the situation.



FRIDAY

1:30PM-2:30PM

Physical Examination in Ruminants I *Allen Roussel*

3:00PM-4:00PM

Physical Examination in Ruminants II *Allen Roussel*

4:30PM-5:30PM

Johne's Disease: Getting the Most from Test Results
Allen Roussel

SATURDAY

8:00AM-9:00AM

Johne's Disease: A Global and Public Perception Perspective
Allen Roussel

9:30AM-10:30AM

Small Ruminant Medicine for the Mixed Practitioner I
Allen Roussel

11:00AM-12:00PM

Small Ruminant Medicine for the Mixed Practitioner II
Allen Roussel

1:30PM-2:30PM

Breeding Soundness Examination of Bulls I
Dietrich Volkmann

3:00PM-4:00PM

Breeding Soundness Examination of Bulls II
Dietrich Volkmann

4:15PM-5:15PM

Bovine Trichomoniasis I
Dietrich Volkmann

SUNDAY

8:00AM-9:00AM

Bovine Trichomoniasis II
Dietrich Volkmann

9:30AM-10:30AM

Bovine Obstetrics I
Dietrich Volkmann

11:00AM-12:00PM

Bovine Obstetrics II
Dietrich Volkmann

LECTURE DESCRIPTION

Physical Examination in Ruminants I & II *Allen Roussel*

All modern laboratory and imaging equipment has not taken the place of a well performed physical examination. Sometimes it's good to go back to the basics and review the process of getting the most out of a physical exam.

Johne's Disease: Getting the Most from Test Results *Allen Roussel*

How to interpret serologic and antigen detection tests on individual animals as well as on a herd basis in beef cattle and dairy cattle.

Johne's Disease: A Global and Public Perception Perspective *Allen Roussel*

Johne's disease has become more than a chronic bacterial disease of ruminants. There are implications of the involvement of *Mycobacterium paratuberculosis* in Crohn's disease in people, trade restrictions among certain countries, and liability associated with sale of infected cattle.

Small Ruminant Medicine for the Mixed Practitioner I & II *Allen Roussel*

Sheep and goats are popular as show animals, produc-

tion animals for producers with small acreage, and even pets. This will help part-time small ruminant practitioners handle some of the more common problems seen in small ruminants.

Breeding Soundness Examination of Bulls I & II *Dietrich Volkmann*

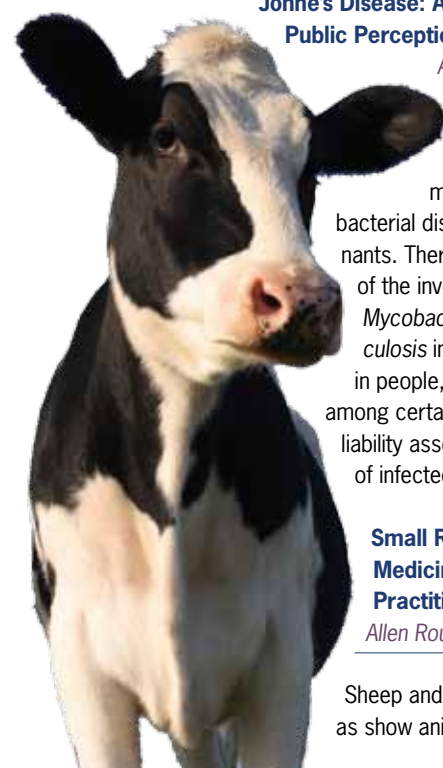
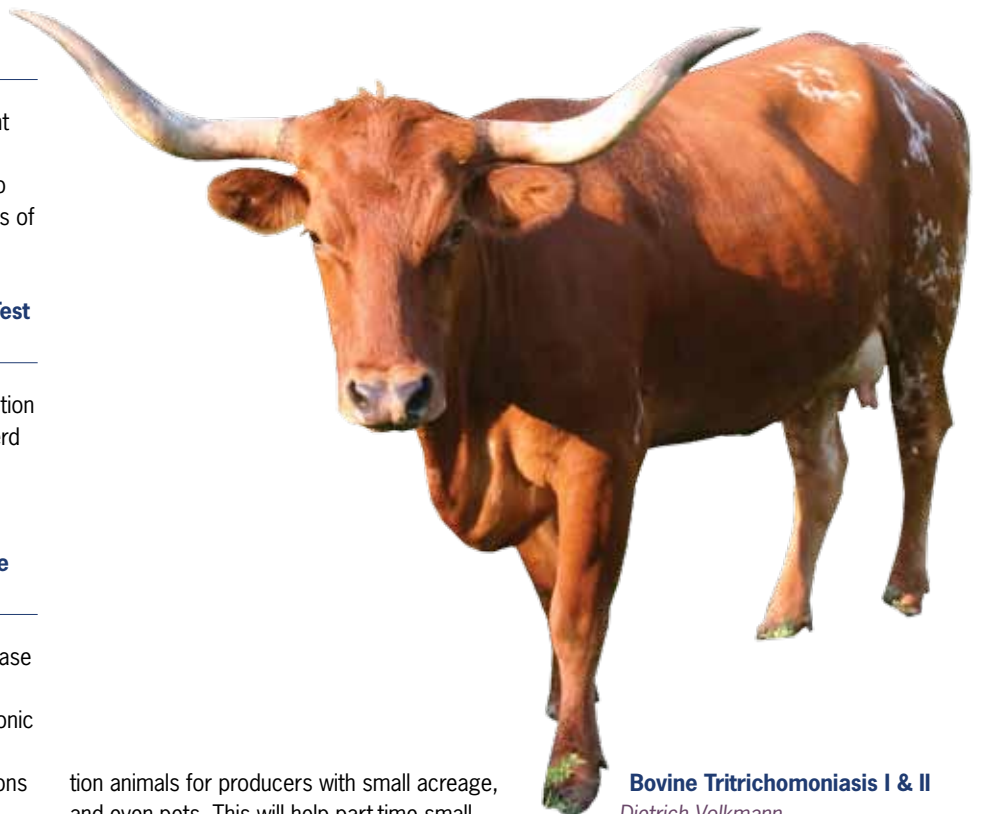
Review of the systematic examination of bulls for breeding soundness, including common findings and their interpretations with appropriate conclusions.

Bovine Trichomoniasis I & II *Dietrich Volkmann*

Review of trichomoniasis in cattle, including etiology, pathogenesis, clinical diagnosis, laboratory diagnosis, and control.

Bovine Obstetrics I & II *Dietrich Volkmann*

Review of causes and clinical management of bovine dystocia, including fetal mutation, fetotomy, and Caesarian section.



FRIDAY

1:30PM-2:30PM

Amphibian Medicine and Surgery *Shannon Ferrell*

3:00PM-4:00PM

Reptilian Urology *Shannon Ferrell*

4:30PM-5:30PM

Anesthesia and Analgesia of Reptiles and Amphibians
Shannon Ferrell

SATURDAY

8:00AM-9:00AM

Reptilian Gastroenterology I
Shannon Ferrell

9:30AM-10:30AM

Reptilian Gastroenterology II
Shannon Ferrell

11:00AM-12:00PM

Reptilian Neurology
Shannon Ferrell

1:30PM-2:30PM

Crocodilian Medicine and Surgery *Rob Coke*

3:00PM-4:00PM

Sea Turtle Medicine and Surgery *Rob Coke*

4:15PM-5:15PM

Diseases of Bearded Dragons with Special Emphasis on Adenovirus *Rob Coke*

SUNDAY

8:00AM-9:00AM

Diseases of Leopard Geckos with Special Emphasis on Cryptosporidiosis *Rob Coke*

9:30AM-10:30AM

Biology, Physiology, and Diseases of the Reptilian Respiratory System I *Rob Coke*

11:00AM-12:00PM

Biology, Physiology, and Diseases of the Reptilian Respiratory System II *Rob Coke*

LECTURE DESCRIPTION

Amphibian Medicine and Surgery

Shannon Ferrell

This presentation will address the clinically relevant biology, diseases, and management of amphibians in captive settings. Nutrition and husbandry will be emphasized as the major components of any healthy amphibian colony.

Reptilian Urology *Shannon Ferrell*

This lecture will address the major disease processes of the reptilian urological system. References to their unique anatomical and physiological variations from mammals will be discussed with emphasis on their relationship to commonly seen diseases.

Anesthesia and Analgesia of Reptiles and Amphibians *Shannon Ferrell*

Advances in anesthesia and analgesia for terrestrial and some aquatic ectotherms will be discussed to acquaint the clinician with optimal protocols for smooth induction and safe recoveries. Special attention will be given to analgesic techniques, venous access, and monitoring.

Reptilian Gastroenterology I & II

Shannon Ferrell

These lectures will address the anatomy, physiology, and major disease processes of the reptilian gastrointestinal system. Diagnostic techniques and clinical management of specific GI diseases will be covered.

Reptilian Neurology

Shannon Ferrell

This lecture will focus on the major disease processes of the reptilian neurological system. Unique anatomical and physiological characteristics will be discussed. The basics of a neurological exam and relevant clinical diagnostics will also be presented.

Crocodilian Medicine and Surgery *Rob Coke*

General description of the unique biology and anatomy of these ancient reptiles. Present an overview of general clinical techniques including restraint, examination, sedation, etc. Share the most common diseases seen clinically and reported in literature.

Sea Turtle Medicine and Surgery *Rob Coke*

General description of the unique biology and anatomy of these aquatic giants. Present an overview of general clinical techniques including restraint, examination, sedation, etc. Description of the most common diseases seen



clinically and reported in literature.

Diseases of Bearded Dragons with Special Emphasis on Adenovirus *Rob Coke*

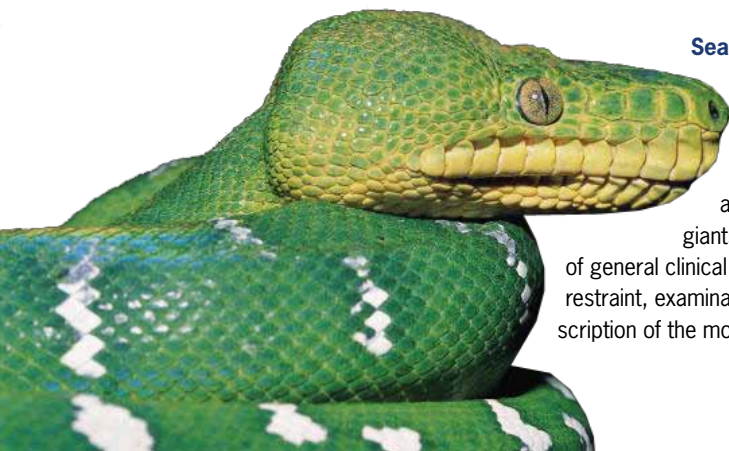
General description of the unique biology and anatomy of these amicable reptiles. Description of the most common diseases seen clinically and reported in literature with special emphasis on diagnostics and management of adenovirus.

Diseases of Leopard Geckos with Special Emphasis on Cryptosporidiosis *Rob Coke*

General description of the unique biology and anatomy of these cute little reptiles. Description of the most common diseases seen clinically and reported in literature with special emphasis on diagnostics and management of cryptosporidiosis.

Biology, Physiology, and Diseases of the Reptilian Respiratory System I & II *Rob Coke*

In depth review of the general and varied anatomy and physiology found within the different reptilian families. The discussion will finish with a review of common respiratory diseases as well as those reported in literature.



ACADEMY OF VETERINARY TECHNICIANS IN CLINICAL PRACTICE

FRIDAY, *MESQUITE*

| | |
|---------------|---|
| CANINE/FELINE | 1:30PM-2:30PM Immunology and Vaccination <i>Liza Rudolph</i> |
| | 3:00PM-4:00PM The IMHA Patient and the Veterinary Technician <i>Liza Rudolph</i> |
| | 4:30PM-5:30PM Diagnosing and Treating Tick Born Diseases <i>Liza Rudolph</i> |

SATURDAY, *CHULA VISTA*

| | |
|--------------|--|
| AVIAN/EXOTIC | 8:00AM-9:00AM Avian Anesthesia <i>Kristina Palmer-Holtry</i> |
| | 9:30AM-10:30AM Managing GI Stasis in Rabbits <i>Kristina Palmer-Holtry</i> |
| | 11:00AM-12:00PM Green Iguanas: Common Presentations and Nursing Care <i>Kristina Palmer-Holtry</i> |

| | |
|---------------|--|
| CANINE/FELINE | 1:30PM-2:30PM Managing Patients with Lymphoma <i>Liza Rudolph</i> |
| | 3:00PM-4:00PM Overview of Mast Cell Tumor, Osteosarcoma, and Transitional Cell Carcinoma <i>Liza Rudolph</i> |
| | 4:15PM-5:15PM Safe Handling and Administration of Chemotherapy <i>Liza Rudolph</i> |

SUNDAY, *CHULA VISTA*

| | |
|--------------|--|
| AVIAN/EXOTIC | 8:00AM-9:00AM Avian Emergencies and Critical Care <i>Kristina Palmer-Holtry</i> |
| | 9:30AM-10:30AM Reptile Sedation and Anesthesia <i>Lorelei Tibbetts</i> |
| | 11:00AM-12:00PM Managing Rabbit Neurologic Diseases: The Technician's Role <i>Lorelei Tibbetts</i> |

LECTURE DESCRIPTION

Immunology and Vaccination *Liza Rudolph*

This lecture will cover the immunological foundation of vaccination and how it relates to small animal medicine. Current vaccine recommendations and the practical use of titers will also be discussed.

The IMHA Patient and the Veterinary Technician *Liza Rudolph*

The presentation, diagnosis, treatment, and prognosis of Immune Mediated Hemolytic Anemia will be discussed. Special focus will be on the role of the veterinary technician in these cases.

Diagnosing and Treating Tick Born Diseases *Liza Rudolph*

It's not all about Lyme Disease anymore. This lecture will focus on the foundation of common Tick Borne Diseases in the small animal patient and address the diagnosis, treatment, and current recommendations.

Avian Anesthesia *Kristina Palmer-Holtry*

This lecture is a comprehensive overview of avian anesthesia from induction to recovery. Premedication, maintenance, peri-operative and post-operative drugs will be discussed. Participants will learn about intubation, catheterization, and anesthetic monitoring equipment used on the avian patient.

Managing GI Stasis in Rabbits *Kristina Palmer-Holtry*

This lecture is a comprehensive look at the gastrointestinal tract of the companion rabbit and the common afflictions causing GI stasis. Participants will learn about normal rabbit anat-

omy and function, diseases causing stasis, and diagnostic, therapeutic and nursing techniques.

Green Iguanas: Common Presentations and Nursing Care *Kristina Palmer-Holtry*

This lecture will discuss common presentations of the green iguana. Participants will learn how improper diet and husbandry can seriously affect this animal in captivity and how to provide vital client education. We will discuss safe and proper capture and restraint, clinical signs, diagnostic, triage and critical care, and nursing techniques.

Managing Patients with Lymphoma *Liza Rudolph*

Lymphoma is the most common neoplasia seen in small animal practice. An overview of canine and feline lymphoma, treatment options, and patient care will be addressed with a special emphasis on quality of life.

Overview of Mast Cell Tumor, Osteosarcoma, and Transitional Cell Carcinoma *Liza Rudolph*

The presentation, diagnosis, treatment, and prognosis of Mast Cell Tumor, Osteosarcoma, and Transitional Cell Carcinoma will be discussed. Special focus will be on the role of the veterinary technician in these cases.

Safe Handling and Administration of Chemotherapy *Liza Rudolph*

An increasing number of pet owners are choosing to pur-

sue chemotherapy for their pets. It is imperative that veterinary technicians dealing with oncology cases be well-educated in the safe handling and administration of chemotherapy.

Avian Emergencies and Critical Care *Kristina Palmer-Holtry*

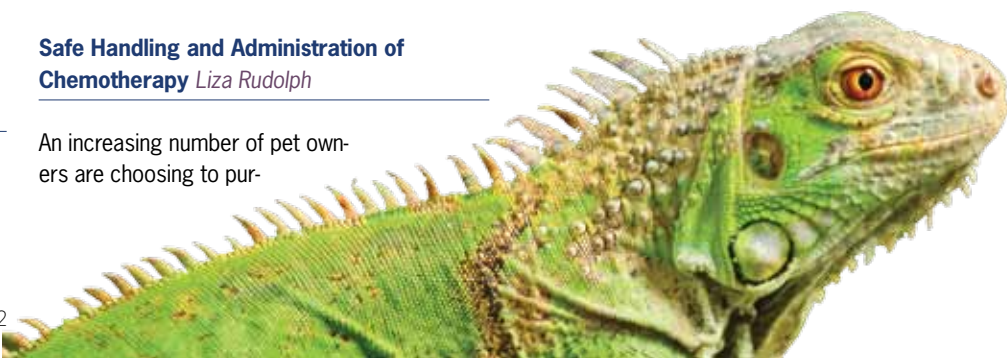
This lecture will cover common avian emergencies that may present to a small or avian and exotic animal practice. The avian patient is very different from patients commonly seen in small animal medicine and can be challenging to evaluate and treat. Participants will learn the clinical signs, diagnostics, triage, and critical care techniques utilized when dealing with these emergency cases.

Reptile Sedation and Anesthesia *Lorelei Tibbetts*

This lecture will focus on the unique requirements of the reptile patient before, during, and after procedures requiring sedation or anesthesia.

Managing Rabbit Neurologic Diseases: The Technician's Role *Lorelei Tibbetts*

This lecture will emphasize the vital role technicians play in the diagnostics, treatments, and follow-up care when rabbits are afflicted with various neurologic disorder.



SPEAKER BIOS

JOHN R. AUGUST, BVETMED, MS, MRCVS, DACVIM

Dr. John August received his BVetMed degree from the Royal Veterinary College of London and his master's degree from Auburn University. He is a Diplomate of the ACVIM – Small Animal Internal Medicine and is currently a professor of feline internal medicine at Texas A&M University. Dr. August is the Editor-in-Chief of the 6-volume series of *Consultations in Feline Internal Medicine*. He is interested in distance education and the use of educational technology in the classroom.

ROB COKE, DVM, DABVP, DACZM

Dr. Rob Coke graduated with his DVM degree from Texas A&M University, and he created an exotic animal service within a suburban veterinary hospital outside of Houston, Texas. After several years of clinical practice, Dr. Coke did an internship in Exotic, Wildlife, and Zoo Animal Medicine at Kansas State University. He continued his advanced training with a Zoological Medicine Residency at the Oklahoma City Zoo in conjunction with Oklahoma State University. Currently, Dr. Coke is the senior staff veterinarian at the San Antonio Zoo.

MARK V. CRISMAN, DVM, MS, DACVIM

From 1987 to 2010, Dr. Mark Crisman served on the faculty of the Virginia-Maryland College of Veterinary Medicine as a professor in the Large Animal Clinical Sciences Department. He has authored/co-authored over 75 refereed publications and book chapters. His primary research interests include immunology, pharmacology, and inflammation associated with equine metabolic syndrome. He joined Veterinary Operations with Pfizer Animal Health in July 2010.

ROBIN DABAREINER, DVM, PHD, DACVS

Dr. Robin Dabareiner received her DVM from the University of Minnesota and PhD from Virginia Tech. She did a surgery residency at the Marion DuPont Equine Medical Center and is a Diplomate of the American College of Veterinary Surgeons. Currently, Dr. Dabareiner is an Associate Professor of Equine Lameness and Surgery at Texas A&M University. Her hobbies include team roping and rodeo.

THOMAS M. DONNELLY, DVM, DACLAM

Thomas M. Donnelly received his degrees in veterinary medicine and veterinary pathology from the University of Sydney. He is a Diplomate of the American College of Laboratory Animal

Medicine. He is the author/co-author of over 200 scientific and clinical publications, including four chapters in the book *Ferrets, Rabbits and Rodents: Clinical Medicine and Surgery*. He was a founding member of the ABVP Committee for the new veterinary specialty of Exotic Companion Mammals. Although Donnelly is allergic to most mammals, he finds the challenges and diversity of working with exotic pets and their often equally unusual owners constantly gratifying.

M. SCOTT ECHOLS, DVM, DABVP

Dr. Scott Echols received his bachelor's and DVM degree from Texas A&M University. He is a frequent lecturer, author, and filmographer. He received the TJ Lafeber Avian Practitioner of the Year award in 2005 and the Texas Veterinary Medical Association Non-Traditional Species Practitioner of the Year award in 2007. Dr. Echols is the Past President of the Association of Avian Veterinarians and is a Diplomate of ABVP in Avian Practice.

SHANNON FERRELL, DVM, DABVP, DACZM

Dr. Shannon Ferrell received his bachelor's and DVM degree from Texas A&M University. He did a small animal internship at Michigan State, a zoo internship at Fossil Rim Wildlife Center, and a zoo and exotics residency at the University of California – Davis. He is a Diplomate of ABVP in Avian Practice and has been at the Fort Worth Zoo as a Clinical Veterinarian for the past decade.

KATHRYN FITZWATER, DVM

Dr. Kathryn Fitzwater obtained her DVM degrees from Washington State and Oregon State Universities. She has worked in clinical practice for over 22 years, and she has over 4 years of experience with stem cell therapy in horses, dogs, and cats.

WAYNE JENSEN, DVM, PHD, MBA

Dr. Wayne Jensen received his DVM, PhD in Pathology, and MBA from Colorado State University. He has authored/co-authored more than 30 peer-reviewed publications. In addition to his responsibilities with Morris Animal Foundation, he is the co-owner of Wellington Veterinary Clinic, a state-of-the-art facility certified by AAHA.

DANIEL H. JOHNSON, DVM, DABVP

Dr. Dan Johnson is a graduate of North Carolina State University College of Veterinary Medicine. In 1996 he started North Carolina's first all-exotics practice. His caseload is made up of exotic pets, fish, wildlife, and zoo species. Dr. Johnson

also serves as an Adjunct Assistant Professor in the Department of Clinical Sciences at NCSU-CVM. In 2010, he was certified as a Diplomate of ABVP in Exotic Companion Mammal Practice. Dr. Johnson publishes and lectures nationally on avian and exotic animal medicine.

ANGELA LENNOX, DVM, DABVP

Dr. Angela Lennox graduated from Purdue University School of Veterinary Medicine and is a Diplomate of ABVP in Avian Practice. She was the editor of the *Rabbit and Rodent Dentistry Handbook* and co-author of *Clinical Radiology of Exotic Companion Mammals*. Dr. Lennox is affiliated with the Association of Avian Veterinarians and Association of Exotic Mammal Veterinarians, and she is the owner of Avian and Exotic Animal Clinic of Indianapolis.

F. A. (TONY) MANN, DVM, MS, DACVS, DACVECC

Dr. Tony Mann received his DVM from the Ohio State University. He is a Diplomate of the American College of Veterinary Surgeons and the American College of Veterinary Emergency and Critical Care. Dr. Mann served as the President of the American College of Veterinary Emergency and Critical Care. Dr. Mann is the Ombuds for the American College of Veterinary Emergency and Critical Care. He is the Director of Small Animal Emergency and Critical Care Services and Small Animal Soft Tissue Surgery Service Chief at the University of Missouri-Columbia Veterinary Medical Teaching Hospital.

ANNA OSOFSKY, DVM, DABVP

Dr. Anna Osofsky received her bachelor's degree from Brown University and DVM from the University of California – Davis. She did a rotating small animal internship at Louisiana State University from 1999-2000 and an avian/exotic pet medicine residency at UC – Davis from 2001-2004. She has been a member of the AAV research committee since 2003. Currently, she is an Associate Veterinarian at Carrollton West Pet Hospital.

KRISTINA PALMER-HOLTRY, RVT

Kristina Palmer-Holtry has been a Registered Veterinary Technician with the State of California since 1989. Since 1983, she has worked in veterinary private practice and at the University of California – Davis, Veterinary Medical Teaching hospital since 1989. Kristina has worked primarily in the Companion Avian and Exotic Pet Medicine and Zoological Medicine Services. Her main focus is nursing and anesthesia for exotic pets. Kristina was featured on the cover

of *Veterinary Technician Magazine* in May 2004, and currently serves as an editor for Vetlearn. Kristina looks forward to teaching veterinary students and residents the skills required for working with these fascinating creatures.

JOANNE MAUREEN ROESNER, DVM, DABVP

Dr. JoAnne Roesner received her DVM in 1986 from the University of California at Davis. She serves on the ABVP Symposium sponsorship committee and is the Medical Director at Loving Hands Animal Clinic.

ALLEN J. ROUSSEL JR., DVM, MS, DACVIM, DIP. ECBHM

Dr. Allen Roussel received his DVM degree from Louisiana State University. He completed a residency and master's program at Purdue University in 1984. He is currently a Professor and a Food Animal Clinician in the Veterinary Medical Teaching Hospital at Texas A&M University where the caseload is primarily beef cattle and meat goats. His primary research interest is paratuberculosis. He is board certified in the ACVIM and the European College of Bovine Health Management. He has authored/co-authored over 60 refereed papers and given presentations at over 100 local, state, national, and international meetings.

LIZA WYSONG RUDOLPH, LVT, CVT

Liza Wysong Rudolph has worked as a veterinary technician since 2000. She is a credentialed veterinary technician in Pennsylvania, Delaware, and Maryland. She actively supports the profession of veterinary technology by acting as a Charter Member and Chairperson for the Academy of Veterinary Technicians in Clinical Practice, lecturing on advanced topics for veterinary technicians, and publishing informational articles.

JOHN RUSH, DVM, MS, DACVECC, DACVIM

Dr. John Rush has a special interest in drug and dietary therapies for the treatment of heart disease in small animals. Currently, he is a professor and serves as the Associate Chair for the Department of Clinical Sciences at Tufts University, Cummings School of Veterinary Medicine.

SHERRY SANDERSON, DVM, PHD, DACVIM, DACVN

Dr. Sherry Sanderson earned a bachelor's degree from the University of Wisconsin and her DVM from the University of Minnesota. She completed a 1-year rotating internship in small animal medicine and surgery at Oklahoma State

University and a combined graduate program and dual residency in small animal internal medicine and small animal clinical nutrition at the University of Minnesota. Dr. Sanderson is a Diplomate of the ACVIM and ACVN. She is currently an associate professor at the University of Georgia College of Veterinary Medicine. Her research interests include the use of nutritional management for the prevention and treatment of diseases in dogs and cats.

BILL SCHROEDER

Bill Schroeder is passionate about practice/client communications and proud to share his 16 years of veterinary experience. Having pioneered many social media techniques, he and his team truly understand how practices can benefit from today's opportunity...social media!

DAVE STOLL

David L. Stoll is a past Chairman of the Animal Law section of the State Bar of Arizona. He is a partner with the Phoenix law firm Beaugureau, Hancock, Stoll & Schwartz, P.C. where he has practiced for over 26 years in the fields of insurance defense and personal injury litigation, including veterinary malpractice defense matters. In addition to his civil litigation practice, David appears regularly before the Arizona Veterinary Medical Examining Board.

ANNELIESE STRUNK, DVM, DABVP

Dr. Anneliese Strunk received her DVM degree from Texas A&M University. She completed an internship in Exotic Animal, Wildlife and Zoo Medicine at the University of Georgia and a residency in the Companion Avian and Exotic Pet Medicine Service at the University of California at Davis Veterinary Medical Teaching Hospital. She spent four years in the Avian/Exotic Department at a large referral hospital in New Jersey, then moved back home to Texas, and has been working in private practice for the last two years, seeing exclusively avian and exotic cases.

LORELEI TIBBETTS, LVT

Lorelei Tibbetts received a bachelor's degree in journalism from Boston University and in veterinary technology from Merry College. She has worked with exotic pets since 1997 and currently manages the only exclusively exotic pet practice in NYC. She has lectured for both local and national veterinary meetings such as AAV, MASA, and has also taught at local veterinary technician schools.

DIETRICH H. VOLKMANN, BVSC, MMED VET, DACT

Dr. Dietrich Volkmann completed a residency in theriogenology and received his master's degree from the University of Pretoria. He served as an Assistant Professor at the University of Pretoria from 1987-2000. From 2000-2005, he was an Associate Professor at Cornell and from 2005-2006 was a staff veterinarian at the University of Pennsylvania. He is currently a teaching professor of theriogenology at the University of Missouri.

KAREN WERNETTE, DVM

Dr. Karen Wernette is a Trust Representative with the AVMA PLIT. She has worked in companion animal practices and at AVMA. She has been the Executive Director for the American Veterinary Medical Law Association and the Association of Veterinary Practice Management Consultants and Advisors. She received her DVM from Michigan State University College of Veterinary Medicine and a Mid-Management Development Certificate from the University of Wisconsin School of Business.

MICHAEL WILLARD, DVM, MS, DACVIM

Dr. Michael Willard is a graduate of Texas A&M University. He did his internal medicine residency at Michigan State University and then held faculty appointments at Michigan State University, Mississippi State University, and now at Texas A&M University. He is a professor of Small Animal Clinical Science and specializes in gastroenterology, hepatology, pancreatology and endoscopy. He has given over 2,400 hours of post-graduate continuing education lectures and has over 80 refereed publications and 100 book chapters. He is a past Secretary of ACVIM and the Past President of the Comparative Gastroenterology Society. His interests are farming, walking, and playing chess (badly, but has fun anyway).

DEBRA L. ZORAN, DVM, MS, PHD, DACVIM

Dr. Deb Zoran graduated from Kansas State University's CVM and completed a residency at Iowa State University. She is a Diplomate of the ACVIM – Small Animal Internal Medicine. She completed her PhD in Nutrition in the laboratory of Dr. Joanne Lupton. Dr. Zoran is an Associate Professor and Chief of Small Animal Internal Medicine in the Department of Veterinary Small Animal Clinical Sciences at Texas A&M University, where she is actively involved with clinical, teaching, and research activities in small animal nutrition, gastroenterology, and feline medicine.

CONTINUING EDUCATION

RECORD OF SESSIONS ATTENDED

To document Symposium participation for your State Board (if necessary), check each CE session you attended. I hereby certify that _____ of _____ registered as a participant at the 17th Annual ABVP Symposium.



Marisa Hackemann

Marisa Hackemann
Executive Director, ABVP

Participant Name: _____

Participant Signature: _____ Date: _____

| Thursday, April 12 | Attended | Credit |
|--|----------|--------|
| Wet Lab: Tricks and Techniques for Exotic Companion Mammals, Angela Lennox and Dan Johnson | | 4.0 |
| Dry Lab: Canine/Feline Endoscopy, Mike Willard | | 4.0 |
| ABVP/AAHA Kick-Off Seminar: Social Media and Today's Veterinary Practice, Bill Schroeder | | 4.0 |
| Canine Case Studies in Cardiology, John Rush | | 2.0 |

| Friday, April 13 | Attended | Credit |
|---|----------|--------|
| Golden Retriever Lifetime Study: Study Design and Anticipated Outcomes, Wayne Jensen | | 1.0 |
| Cross Species: Don't be Doctor A: How to Avoid Malpractice and Board Complaints, Karen Wernette | | 1.0 |
| Cross Species: Breaking the Silence: Discussing Errors with Clients, Karen Wernette | | 1.0 |
| Cross Species: What to Do When a Malpractice or Veterinary Board Claim is Asserted, Dave Stoll | | 2.0 |
| Item Writing Workshop, Dennis French | | 3.0 |

| Saturday, April 13 | Attended | Credit |
|--|----------|--------|
| Sun Rise Session: Obesity: Health and Mobility Risks, Sherry Sanderson | | 1.0 |

| Avian | Attended | Credit |
|---|----------|--------|
| Friday, April 13 | | |
| Female Reproductive Tract Anatomy and Physiology, Anna Osofsky | | 1.0 |
| Female Reproductive Tract Disease, Anna Osofsky | | 1.0 |
| Psittacine Reproductive Behavior, Anneliese Strunk | | 1.0 |
| Saturday, April 14 | | |
| Avian Reproductive Tract Surgery I, Scott Echols | | 1.0 |
| Avian Reproductive Tract Surgery II, Scott Echols | | 1.0 |
| Avian Renal Disease I, Scott Echols | | 1.0 |
| Avian Renal Disease II, Scott Echols | | 1.0 |
| Psittacine Gastrointestinal Tract: Anatomy/Physiology, Anneliese Strunk | | 1.0 |
| Psittacine Gastrointestinal Tract: Diseases/Diagnostics, Anneliese Strunk | | 1.0 |
| Sunday, April 15 | | |
| Avian Gastrointestinal Tract Surgery I, Scott Echols | | 1.0 |
| Avian Gastrointestinal Tract Surgery II, Scott Echols | | 1.0 |
| Psittacine Nutrition: Focus on Lipid Metabolism and Obesity, Anneliese Strunk | | 1.0 |

CONTINUING EDUCATION, CONTINUED

| Canine | Attended | Credit |
|--|----------|--------|
| Friday, April 13 | | |
| Arrhythmia Recognition and Management, John Rush | | 1.0 |
| Cardiac Biomarkers, Radiographs, Echo, John Rush | | 1.0 |
| Recognition and Management of CHF in the Dog, John Rush | | 1.0 |
| Saturday, April 14 | | |
| Congenital Heart Disease, John Rush | | 1.0 |
| The Surgical Acute Abdomen I, F.A. (Tony) Mann | | 1.0 |
| The Surgical Acute Abdomen II, F.A. (Tony) Mann | | 1.0 |
| The Surgical Acute Abdomen III, F.A. (Tony) Mann | | 1.0 |
| Acute Emergency Wound Management I, F.A. (Tony) Mann | | 1.0 |
| Acute Emergency Wound Management II, F.A. (Tony) Mann | | 1.0 |
| Sunday, April 15 | | |
| Stem Cells – Basic Mechanisms of Action, Kathy Fitzwater | | 1.0 |
| Stem Cells – Evidence Based Medicine Supports the Clinical Use, Kathy Fitzwater | | 1.0 |
| Stem Cells – How to Incorporate Regenerative Medicine in Your Practice, JoAnne Roesner | | 1.0 |

| Equine | Attended | Credit |
|--|----------|--------|
| Friday, April 13 | | |
| Treatment of Heel Lacerations in the Field, Robin Dabareiner | | 1.0 |
| Osteoarthritis and Joint Therapy, Robin Dabareiner | | 1.0 |
| Diagnosis and Treatment of Sore Feet in the Horse, Robin Dabareiner | | 1.0 |
| Saturday, April 14 | | |
| How to Perform Standing Neurectomy and Deep Flexure Tenotomy in the Standing Horse, Robin Dabareiner | | 1.0 |
| Poor Performance and Lameness in the Western Horse, Robin Dabareiner | | 1.0 |
| Lameness Case Studies, Robin Dabareiner | | 1.0 |
| Principles of Antimicrobial Therapy in Equine Medicine, Mark Crisman | | 1.0 |
| Selected Topics in Rational Antibiotic Usage, Mark Crisman | | 1.0 |
| Antibiotic Therapy in Horses: A Case-Based Presentation, Mark Crisman | | 1.0 |
| Sunday, April 15 | | |
| Update on Equine Respiratory Disease, Mark Crisman | | 1.0 |
| Acupuncture – Is it Right for Your Horse?, Mark Crisman | | 1.0 |
| NSAIDs – New and Improved? Or More of the Same..., Mark Crisman | | 1.0 |

| Exotic Companion Mammal | Attended | Credit |
|--|----------|--------|
| Friday, April 13 | | |
| Gastrointestinal Tract of Exotic Companion Herbivores: Health and Disease I, Dan Johnson | | 1.0 |
| Gastrointestinal Tract of Exotic Companion Herbivores: Health and Disease II, Dan Johnson | | 1.0 |
| Gastrointestinal Tract of Exotic Companion Herbivores: Health and Disease III, Dan Johnson | | 1.0 |
| Saturday, April 14 | | |
| Gastrointestinal Tract of Exotic Companion Herbivores: Health and Disease IV, Dan Johnson | | 1.0 |
| Gastrointestinal Tract of Exotic Companion Herbivores: Health and Disease V, Dan Johnson | | 1.0 |
| Gastrointestinal Tract of Exotic Companion Herbivores: Health and Disease VI, Dan Johnson | | 1.0 |
| Rational Anti-Microbial Therapy for Exotic Companion Mammals I, Thomas Donnelly | | 1.0 |
| Rational Anti-Microbial Therapy for Exotic Companion Mammals II, Thomas Donnelly | | 1.0 |
| Rational Anti-Microbial Therapy for Exotic Companion Mammals III, Thomas Donnelly | | 1.0 |
| Sunday, April 15 | | |
| Diagnostic Testing for Exotic Companion Mammals I, Thomas Donnelly | | 1.0 |
| Diagnostic Testing for Exotic Companion Mammals II, Thomas Donnelly | | 1.0 |
| Diagnostic Testing for Exotic Companion Mammals III, Thomas Donnelly | | 1.0 |

| Feline | Attended | Credit |
|---|-----------------|---------------|
| Friday, April 13 | | |
| A Young Adult Cat with Chronic Fever and Abdominal Lymphadenopathy I, John August | | 1.0 |
| A Young Adult Cat with Chronic Fever and Abdominal Lymphadenopathy II, John August | | 1.0 |
| A Senior Cat with Confusing Thyroid Hormone Results, John August | | 1.0 |
| Saturday, April 14 | | |
| A Senior Cat with Chronic Weight Loss and Gastrointestinal Disease I, John August | | 1.0 |
| A Senior Cat with Chronic Weight Loss and Gastrointestinal Disease II, John August | | 1.0 |
| A Senior Cat with Chronic Nasal Discharge, John August | | 1.0 |
| Feline Pancreatitis: Recognizing the Disease and Understanding Therapy, Debra Zoran | | 1.0 |
| Feline Dysbiosis and IBD: Diet, Antibiotics, and Probiotics I, Debra Zoran | | 1.0 |
| Feline Dysbiosis and IBD: Diet, Antibiotics, and Probiotics II, Debra Zoran | | 1.0 |
| Sunday, April 15 | | |
| Feline Nutrition from Kittens to Geri's, Debra Zoran | | 1.0 |
| Colonic Diseases in Cats: From Colitis to Constipation I, Debra Zoran | | 1.0 |
| Colonic Diseases in Cats: From Colitis to Constipation II, Debra Zoran | | 1.0 |

| Food Animal | Attended | Credit |
|--|-----------------|---------------|
| Friday, April 13 | | |
| Physical Examination in Ruminants I, Allen Roussel | | 1.0 |
| Physical Examination in Ruminants II, Allen Roussel | | 1.0 |
| Johne's Disease: Getting the Most from Test, Allen Roussel | | 1.0 |
| Saturday, April 14 | | |
| Johne's Disease: A Global and Public Perception Perspective, Allen Roussel | | 1.0 |
| Small Ruminant Medicine for the Mixed Practitioner I, Allen Roussel | | 1.0 |
| Small Ruminant Medicine for the Mixed Practitioner II, Allen Roussel | | 1.0 |
| Breeding Soundness Examination of Bulls I, Dietrich Volkmann | | 1.0 |
| Breeding Soundness Examination of Bulls II, Dietrich Volkmann | | 1.0 |
| Bovine Trichostrongylidosis I, Dietrich Volkmann | | 1.0 |
| Sunday, April 15 | | |
| Bovine Trichostrongylidosis II, Dietrich Volkmann | | 1.0 |
| Bovine Obstetrics I, Dietrich Volkmann | | 1.0 |
| Bovine Obstetrics II, Dietrich Volkmann | | 1.0 |

| Reptile & Amphibian | Attended | Credit |
|--|-----------------|---------------|
| Friday, April 13 | | |
| Amphibian Medicine and Surgery, Shannon Ferrell | | 1.0 |
| Reptilian Urology, Shannon Ferrell | | 1.0 |
| Anesthesia and Analgesia of Reptiles and Amphibians, Shannon Ferrell | | 1.0 |
| Saturday, April 14 | | |
| Reptilian Gastroenterology I, Shannon Ferrell | | 1.0 |
| Reptilian Gastroenterology II, Shannon Ferrell | | 1.0 |
| Reptilian Neurology, Shannon Ferrell | | 1.0 |
| Crocodilian Medicine and Surgery, Rob Coke | | 1.0 |
| Sea Turtle Medicine and Surgery, Rob Coke | | 1.0 |
| Diseases of Bearded Dragons with Special Emphasis on Adenovirus, Rob Coke | | 1.0 |
| Sunday, April 15 | | |
| Diseases of Leopard Geckos with Special Emphasis on Cryptosporidiosis, Rob Coke | | 1.0 |
| Biology, Physiology, and Diseases of the Reptilian Respiratory System I, Rob Coke | | 1.0 |
| Biology, Physiology, and Diseases of the Reptilian Respiratory System II, Rob Coke | | 1.0 |

| Academy of Veterinary Technicians in Clinical Practice | Attended | Credit |
|--|----------|--------|
| Canine/Feline | | |
| Immunology and Vaccination, Liza Rudolph | | 1.0 |
| The IMHA Patient and the Veterinary Technician, Liza Rudolph | | 1.0 |
| Diagnosing and Treating Tick Born Diseases, Liza Rudolph | | 1.0 |
| Managing Patients with Lymphoma, Liza Rudolph | | 1.0 |
| Overview of Mass Cell Tumor, Osteosarcoma, and Transitional Cell Carcinoma, Liza Rudolph | | 1.0 |
| Safe Handling and Administration of Chemotherapy, Liza Rudolph | | 1.0 |
| Avian/Exotic | | |
| Avian Anesthesia, Kristina Palmer-Holtry | | 1.0 |
| Managing GI Stasis in Rabbits, Kristina Palmer-Holtry | | 1.0 |
| Green Iguanas: Common Presentations and Nursing Care, Kristina Palmer-Holtry | | 1.0 |
| Avian Emergencies and Critical Care, Kristina Palmer-Holtry | | 1.0 |
| Reptile Sedation and Anesthesia, Lorelei Tibbetts | | 1.0 |
| Managing Rabbit Neurologic Diseases: The Technician's Role, Lorelei Tibbetts | | 1.0 |

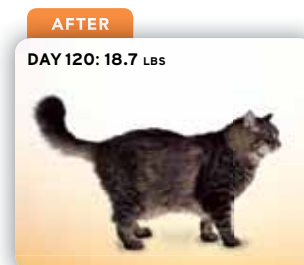
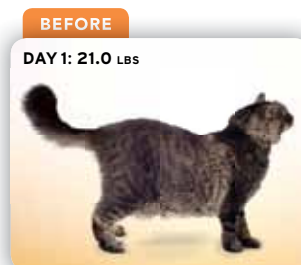
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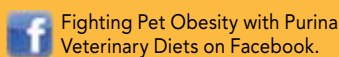
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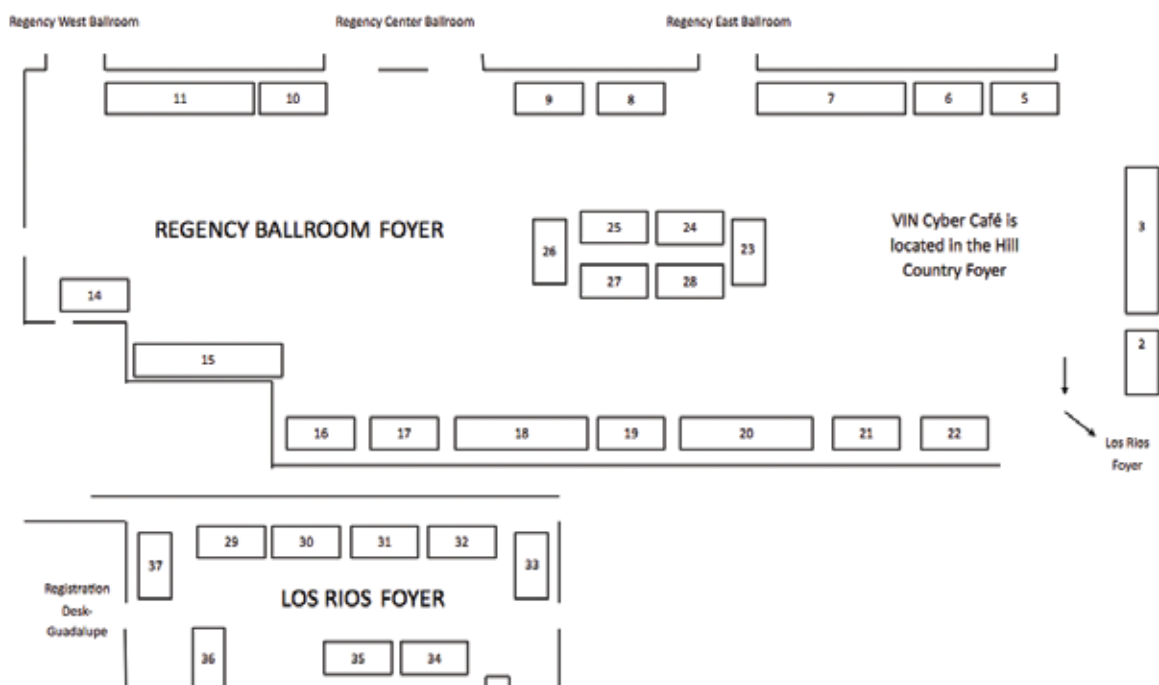
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