

New York State Veterinary Conference



Hosted by the
New York State Veterinary Medical Society
and
Cornell University College of Veterinary Medicine

Thursday, September 27 - Sunday, September 30, 2012
Ithaca, NY

NYS-VC Planning Committee

NYSVMS

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Chair, Conference Committee

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New York State Veterinary Conference

*Hosted by the New York State Veterinary Medical Society and
Cornell University College of Veterinary Medicine*

Thursday, September 27 - Sunday, September 30, 2012

Join us for the 5th Annual New York State Veterinary Conference (NYS-VC), hosted by the New York State Veterinary Medical Society (NYSVMS) and Cornell University College of Veterinary Medicine, in Ithaca, NY. The conference will feature outstanding speakers, exhibits of veterinary products and services, festive opportunities to network at events like a Conference Celebration Dinner Friday evening and the traditional Purple Party and Silent Auction Saturday evening.

The Silent Auction benefits veterinary student scholarships and the NYSVMS Political Education Committee, an important part of our veterinary advocacy. Please consider donating an item to the auction and attending to bid on one or more of the novelties! This year's Celebration Dinner is sure to be a relaxing event with brief presentations to honor award recipients from NYSVMS and the College of Veterinary Medicine Alumni Association, followed by dancing to music provided by a local DJ.

We thank our sponsors and exhibitors for their support of this meeting again this year. Their support is crucial to keeping attendance fees affordable. Without their participation, your registration fees would be much higher. We encourage you to visit with each one of them and thank them for their support.

Take advantage of early bird discounts and register online at www.vet.cornell.edu/nysvc by September 9 at discounted registration fees. Register online or by mail by September 19 to avoid an onsite registration fee surcharge.

We look forward to seeing you in Ithaca from September 27 to September 30, 2012!

Earn 21 Hours of Continuing Education

The NYS-VC offers 209 hours of continuing education in three days. The total numbers of C.E. hours per day are as follows: Friday-8; Saturday-8; Sunday-5.

NY State Continuing Education Credit

The NYSVMS and Cornell University College of Veterinary Medicine are deemed approved as sponsors of continuing education under the new veterinary CE law. NYS will offer a maximum of 21 hours of continuing education credit to veterinarians and veterinary technicians for attending this conference.

RACE: this conference has been submitted (but not yet approved) for 21 hours of continuing education credit in jurisdictions that recognize AAVSB RACE approval; however, participants should be aware that some state veterinary boards have limitations on the number of hours accepted in certain categories and/or restrictions on certain methods of delivery of continuing education.

Call Amanda Mott at (607) 253-3200 for further information. CE certificates will be mailed to registrants after the conference.

CE

	Fri. 9/28	Sat. 9/29	Sun. 9/30	TOTAL C.E. Hours
Companion Animal	31	40	20	91
Practice Management	6	-	-	6
Controlled Substance	2	-	-	2
Bovine	7	3	-	10
Equine	11	10	-	21
Small Ruminant	-	8	5	13
Veterinary Technician	22	26	18	66
Total CE Hours	79	87	43	209

Maximum total CE hours for one person to receive is 21.

Conference Information

NYS-VC Registration

Online registration for those paying by credit card is available at www.vet.cornell.edu/nysvc. A paper registration form is printed on pages 5-6 of this booklet. Paper registration forms with credit card information can be faxed to the NYSVMS, (518) 869-7868. Registrations paid by check can be mailed to NYSVMS, Attn: NYS-VC, 100 Great Oaks Blvd. Suite 127, Albany, NY 12203.

Certain labs have limits on the number of registrants because of equipment and space limitations; register early to guarantee your seat in every session you want to attend. NYS-VC registrations received by September 9 qualify for the discounted early registration fee. Advance registration is strongly encouraged! Avoid long lines

and a \$75 surcharge at the onsite registration desk, improve your chances of admission to labs with limited space, and SAVE money!

Full conference registration includes attendance at all lectures and labs (when space is available), refreshment breaks, lunch Friday and Saturday, brunch on Sunday, the Purple Party and Silent Auction Saturday evening (with one free drink ticket), the NYSVMS Annual Business Meeting breakfast on Saturday (NYSVMS members only), and admittance to all exhibit areas.

Registration will be held in the Centennial Room on the second floor of the College. Signs will be posted at entrance doors directing you to registration. Please check-in upon arrival to receive your name badge, tickets, and conference material.

Spouse/Guest Registration

Spouse and guest registration includes refreshment breaks, admittance to exhibit areas, and the Purple Party and Silent Auction Friday evening. Spouse/guest registration does not include admittance to lectures or labs, lunches, or a complimentary Purple Party drink ticket. Veterinarians and Veterinary Technicians may not register as spouses or guests.

Registration Desk Hours

Thursday, 9/27: 6:00 p.m. - 8:00 p.m.
Friday, 9/28: 7:00 a.m. - 5:00 p.m.
Saturday, 9/29: 7:30 a.m. - 5:00 p.m.
Sunday, 9/30: 8:00 a.m. - 12:00 p.m.

Parking Permits

A permit to park at the College is required for Friday, September 27 only; Saturday and Sunday parking is free. You can purchase a Friday parking permit on the registration form for \$5; the permit will be mailed prior to the conference. Parking permits are limited. If parking permits sell out, additional parking can be obtained by purchasing a \$10 visitor parking permit on campus at any of the visitor booths (located on Campus, Tower or Hoy Roads). Shuttle service from the College to any of the hotels listed in the program is also available.

Continuing Education

Cornell University and NYSVMS are approved providers of continuing education by the New York State Education Department. Effective January 1, 2012, all veterinarians and LVTs must certify completion of continuing education credit hours as they renew their license. Continuing education credits in practice management course subjects are acceptable. By January, 2015 all licensed veterinarians and veterinary technicians must complete at least 2 credit hours of education in controlled substance lectures.

This conference has been submitted (but not yet approved) for 21 hours of continuing education credit in jurisdictions that recognize AAVSB RACE approval. Participants should be aware that some state veterinary boards have limitations on the number of hours accepted in certain categories and/or restrictions on certain methods of delivery of continuing education. Call (607) 253-3200 for further information. If registering online your CE Certificate will be available at any time after

Hotel Information

Make Your Hotel Reservations Quickly

A block of overnight rooms is reserved at area hotels listed below. Contact the hotel directly and reference the New York State Veterinary Conference to ensure you receive the discounted room rate. Make reservations quickly as our room blocks fill up very fast.

Hilton Garden Inn

Conference Headquarters Hotel
130 E. Seneca Street, Ithaca, NY 14850
607-277-8900
www.ithaca.stayhgi.com
\$164
Shuttle to/from CVM: 7:30am-10:30pm on the hour and half hour, upon request

Best Western University Inn

1020 Ellis Hollow Road, Ithaca, NY 14850
607-272-6100 or 800-937-8376
www.BestWesternUniversityInnIthaca.com
\$154.00 Single/Double
Shuttle to/from CVM: 7:00am-10:45pm upon request

Courtyard by Marriott Ithaca

29 Thornwood Drive, Ithaca, NY 14850
607-330-1000
www.marriott.com
\$154 on Thursday and Sunday
\$184 on Friday and Saturday
Shuttle to/from CVM: 7:00am-11:00pm upon request

Hampton Inn

337 Elmira Road, Ithaca, NY 14850
607-277-5500
www.ithaca.hamptoninn.com
\$129 Single King/Double Queen
No shuttle service

Holiday Inn Ithaca - Downtown

222 South Cayuga Street, Ithaca, NY 14850
607-272-1000
www.ichotelsgroup.com
\$142 Main Building Queen/King
Shuttle to/from CVM: 24-hour service to CU/airport, upon request

Homewood Suites by Hilton

36 Cinema Drive, Ithaca, NY 14850
607-266-0000
www.HomewoodSuites1.hilton.com
\$149 Studio/1 bedroom
Shuttle to/from CVM: 7:30am-9:30pm

Ramada Inn Ithaca

2310 N. Triphammer Road, Ithaca, NY 14850
607-257-3100
www.ramada.com
\$109.95 on Thursday and Sunday
\$129.95 on Friday and Saturday
Shuttle to/from CVM: 8:00am-10:00pm upon request

continued on page 4

Conference Information *continued from page 3*

the conference for you to print. If you mail or fax a registration, a Certificate of Attendance will be mailed to you after the conference. You must sign-in at the registration desk to receive your certificate which will be mailed after the conference.

Proceedings

Registrants will receive an email on September 14 with instructions about how to access the online Conference Proceedings. Printed copies of the Conference Proceedings are available for \$50 each when you order early and pick them up at the registration desk. A limited number of printed Proceedings will be available onsite for \$75.

Exhibits

We thank our sponsors and exhibitors for their support of our event. Registrants are encouraged to visit every exhibit table and thank representatives for attending. Exhibits will be open during the following times:

Thursday, September 27: 6:00 p.m. - 8:00 p.m.
Friday, September 28: 9:00 a.m. - 5:00 p.m.
Saturday, September 29: 8:30 a.m. - 5:00 p.m.
Sunday, September 30: 8:30 a.m. - 12:00 p.m.

Welcome Reception

The conference begins with our Welcome Reception Thursday, September 27 from 6:00-8:00 p.m. in the Atrium. Join us at the reception to greet friends and colleagues and enjoy some light refreshments after you pick up your registration materials in the Centennial Room.

Sign up for faculty led tours of the new Dairy Teaching Barn, the Waste Management facility, the Equine / Farm Animal Hospital and multiple sections within the companion animal hospital (Oncology, Emergency and Critical Care, Anesthesiology, Medicine and Imaging) in addition to a special hospital director led tour of the hospitals. Start times vary from 6:00 to 6:45 p.m. Indicate on the registration form which tour you would like to attend.

Saturday's Purple Party and Silent Auction

The Purple Party celebrates the NYS-VC partnership between the NYSVMS and the College. This partnership is reflected in the NYS-VC logo and the prominent use of the color purple. Why purple? Because when the red of Cornell's logo and the blue of the NYSVMS logo are blended, the two colors become one color – **PURPLE!** This year's event welcomes registrants and exhibitors to attend the Silent Auction and Purple Party Saturday, September 29, at 5:30 p.m. at New York State Animal Health Diagnostic Center.

At the **Purple Party**, you will enjoy a selection of food and drinks or bid on some outstanding prizes, including a patio heater, Kindle FIRE, handmade quilt and a weekend stay at a lakeside cottage! Take a chance that you will go home with a highly prized bottle of wine from our wine wall raffle. Proceeds from both the Purple Party and Celebrations events benefit the NYSVMS scholarship, awarded to a Cornell veterinary student, and the NYSVMS Political Education Committee.

The Silent Auction benefits both the NYSVMS scholarship, awarded to a Cornell veterinary student, and the NYSVMS Political Education Committee. The NYSVMS scholarship, established in 1994 as a permanently-endowed scholarship at Cornell University, provides tuition assistance to New York State residents who are third- or fourth-year students, and interested in organized veterinary medicine.

Scholarship Recipients

2002-2003 - Hilda Mitchell
2003-2004 - Sara Gower
2004-2005 - Colleen MacLachlan
2005-2006 - Amber Ball
2006-2007 - Erin Goodrich
2007-2008 - Steven Friedenberg
2008-2009 - Jeremy Salvatore
2009-2010 - Marina Tejada
2010-2011 - Heather Vaught
2011-2012 - Kaitlin Quirk

NYSVMS Annual Business Meeting

Members of NYSVMS can register to receive a complimentary ticket to breakfast at the NYSVMS Annual Business Meeting held at 7:00 a.m. Saturday, September 29, in the Veterinary College cafeteria. The meeting will be called to order by NYSVMS President Linda Jacobson, DVM, at 7:30 a.m. Attendees will receive a raffle ticket for a chance to win a FREE 2013 NYSVMS membership!

Celebration Dinner at Celebrations!

The NYSVMS and the Cornell Veterinary Alumni Association will host a party to celebrate award recipients and then will dance the night away on Friday evening at Celebrations Banquet Hall. The Celebration Dinner begins with complimentary wine and local craft beer at 7:00 p.m., followed by a buffet dinner at 7:45 p.m. Shuttle transportation from the parking lot outside the conference to Celebrations will begin at 6:45 p.m. and return, beginning at 10:00 p.m.

Thank You SPONSORS

Best Pet Rx
Gold Sponsor

Fallon Wellness Pharmacy
Gold Sponsor

Pfizer Animal Health
Silver Sponsor

Merial
Silver Sponsor

Western NY VMA
Bronze Sponsor

Banfield Pet Hospital
Bronze Sponsor

ASPCA Pet Health Insurance
Bronze Sponsor

Cornell - Feline Health Center
Friend

Southern Tier VMA
Friend

NYS Veterinary Conference Registration Form

Register online at www.vet.cornell.edu/nysvc

1. REGISTRANT

Registrant's name _____

Title(s) (eg. DVM, VMD, VT, LVT) _____

Email* _____

required for confirmation

Vet College _____ Graduation Year _____

NYSVMS Regional _____

Practice Type: ☐ Academic ☐ Bovine ☐ Companion Animal ☐ Corporate ☐ Equine ☐ Exotics
☐ Feline Only ☐ Large Animal ☐ Mixed Practice ☐ Regulatory ☐ Research ☐ Student
☐ Other _____

Practice Name _____

Work Address _____

City _____ State _____ Zip _____

Telephone _____ Fax _____

Spouse/Guest Name for Badge _____

Please advise us of any dietary, visual, audio, mobility or other special needs you may have. _____

Would you like to receive an invitation to the Political Education Committee reception on Saturday Evening? ☐ Yes ☐ No

Would you like to receive more information about the Omega Tau Sigma reception on Saturday evening? ☐ Yes ☐ No

The NYS-VC organizers are reducing, reusing, and recycling. Email and other technology will be used over paper when possible, name tag holders will be collected for reuse, and the post conference evaluation will be sent electronically. Will you need a copy of the brochure mailed to you next year? ☐ Yes ☐ No

How did you hear about this event? ☐ Internet ☐ Email invitation ☐ NYSVMS News
☐ Cornell Website ☐ Direct mail ☐ Magazine ☐ Advertisement ☐ Word of mouth ☐ NA

Is this the first time you have attended this event? ☐ Yes ☐ No

2. FULL CONFERENCE REGISTRATION

Includes welcome reception, scientific program, online proceedings, 2 continental breakfasts, 2 lunches, Purple Party (with one party drink ticket), Sunday brunch, the NYSVMS business meeting (members only) and exhibits.

	Postmarked by 9/9/12	Postmarked by 9/19/12	Postmarked after 9/19/12
<input type="checkbox"/> Cornell DVM Graduates/ NYSVMS Active/Associate Member	\$415	\$515	\$615
<input type="checkbox"/> NYSVMS Life/Retired/Distinguished Member	\$195	\$295	\$370
<input type="checkbox"/> Non-CU Grad/Non-NYSVMS Member Veterinarian	\$520	\$620	\$695
<input type="checkbox"/> 2012, 2011, 2010 Veterinary Graduate	\$185	\$285	\$360
<input type="checkbox"/> Practice Managers	\$185	\$285	\$360
<input type="checkbox"/> Cornell Veterinary College Student (includes online Proceedings and attendance at lectures when space permits)	Complimentary		
<input type="checkbox"/> Veterinary Technicians***	\$200	\$300	\$375
*** pre-register 3 or more VTs from the same practice with the same payment and receive \$25 off each technician registration.***			
TOTAL FULL CONFERENCE REGISTRATION:	\$ _____		

3. ONE-DAY REGISTRATION

Do not register here if you've registered for the full conference. Attendees registering for the two-day equine track, or the bovine track, should register at the Full Conference registration rate. Daily registration includes scientific seminars, exhibits, refreshment breaks and lunch for the day registered, and online Proceedings. Please check the day(s) you will attend the NYS-VC.

	Postmarked by 9/9/12	Postmarked by 9/19/12	Postmarked after 9/19/12
<input type="checkbox"/> Thursday, September 27 (includes Welcome Reception)	\$20	\$20	\$20
<input type="checkbox"/> Friday, September 28 (includes lunch)	\$265	\$365	\$440
<input type="checkbox"/> Saturday, September 29 (includes lunch and Purple Party)	\$265	\$365	\$440
<input type="checkbox"/> Sunday, September 30 (includes lunch)	\$235	\$332	\$410
TOTAL CONFERENCE REGISTRATION:	\$ _____		

4. FRIDAY PARKING PERMIT

Parking permits are required at the College for Friday, September 27 only. If purchasing a permit and registering electronically, you will receive your permit by email. If registering by mail or fax, your permit will be mailed to you prior to the conference.

License plate number _____

☐ B-Lot and TRB permit - \$5.00, tax included. TOTAL PARKING PERMIT \$ _____

5. SPOUSE/GUEST CONFERENCE REGISTRATION (see item 7)

☐ Spouse/Guest (includes refreshment breaks and Purple Party) \$45

TOTAL SPOUSE/GUEST/STUDENT REGISTRATION: \$ _____

6. PROCEEDINGS

Registrants will receive an email on September 14 with instructions on how to access the online Conference Proceedings. Printed copies of the 2012 NYS Veterinary Conference Proceedings are available for \$50 each when you order early and pick them up at the registration desk. A limited number of printed proceedings will be available on-site for \$75 each.

TOTAL PRINTED PROCEEDINGS: # _____ X \$50 = \$ _____

7. LUNCH and BRUNCH TICKETS FOR GUESTS AND STUDENTS

(Lunch is included in Full Conference and Daily Registration fees)
Tickets for Friday and Saturday lunch, and Sunday brunch will be included in on-site meeting packets of Full Conference registrants and Daily registrants. Meal tickets must be presented at each meal function. Spouses, guests, and Cornell students must purchase lunch tickets.

TOTAL FRIDAY LUNCH: # _____ X \$17 = \$ _____

TOTAL SATURDAY LUNCH: # _____ X \$17 = \$ _____

TOTAL SUNDAY BRUNCH: # _____ X \$15 = \$ _____

8. CONFERENCE CELEBRATION, September 28

On Friday evening, drink (wine and local beer), dine, and dance at the Celebrations Banquet Facility. Casual attire. Brief award presentation. Reception includes complimentary draft beer and wine. There will be a complimentary shuttle available from the College to the Conference Celebration. Please pre-register to reserve space. Reception: 7:00 p.m. Dinner: Following reception

TOTAL BANQUET: # _____ X \$50 + # Children 10 and under _____ x \$25 = \$ _____

☐ Yes, I would like to take the shuttle to/from the Conference Celebration.

9. NYSVMS ANNUAL BUSINESS MEETING, September 29

Attendance is limited to NYSVMS members in good standing. Members must register below to receive an attendance ticket in their onsite meeting packet. Breakfast will be served.

☐ Yes, I will attend the NYSVMS annual business meeting on Saturday morning.

10. GRAND TOTAL ENCLOSED

\$ _____

Completed registrations forms can be faxed to 518-869-7868 or mailed with your credit card information or check made payable to the NYSVMS to:
NYSVMS, 100 Great Oaks Blvd., Suite 127 Albany, NY 12203

Please charge my ☐ Visa ☐ MasterCard ☐ Discover ☐ American Express

Name on Card: _____

Card # _____

Expiration Date _____ CW Code _____

Billing address (if different than section 1): _____

City _____

State/Province _____ Zip/Postal Code: _____

Country: _____

(continued on reverse)

Cancellation policy: To cancel your registration call 518-869-7867 or 607-253-3200. Your fee, less \$100 processing fee will be refunded until September 25, 2012. No refunds will be issued after September 26 or for failure to attend.

NYS Veterinary Conference

Register online at www.vet.cornell.edu/nysvc

WHERE WILL YOU BE?

Please check the event and classes/program you plan to attend to help give us an estimate of attendance. The complete list of titles and speakers can be found in the registration brochure and online at www.vet.cornell.edu/nysvc. Limited space is available for certain labs indicated below. Registration is accepted on a first-come, first-serve basis. Registrants will receive an attendance ticket in on-site registration materials.

Thursday, September 27

CONFERENCE REGISTRATION, WELCOME RECEPTION, AND TOURS
6:00 – 8:00 p.m.

- [] Welcome Reception Only – Start Time: 6:00 p.m.
- [] Welcome Reception and Dairy Teaching Barn Tour – Start Time: 6:15 p.m.
- [] Welcome Reception and Tour of the Oncology Section of CUHA – Start Time: 6:15 p.m.
- [] Welcome Reception and Waste Management Facility Tour – Start Time: 6:15 p.m.
- [] Welcome Reception and Hospital Director's Tour – Start Time: 6:30 p.m.
- [] Welcome Reception and Tour of the Emergency and Critical Care Section of CUHA – Start Time: 6:30 p.m.
- [] Welcome Reception and Tour of the Imaging Section of CUHA – Start Time: 6:30 p.m.
- [] Welcome Reception and Tour of the Anesthesiology Section of CUHA – Start Time: 6:45 p.m.
- [] Welcome Reception and Tour of the Medicine Section of the Companion Animal Hospital – Start Time: 6:45 p.m.
- [] Welcome Reception and Tour of the Equine/Farm Animal Hospital Section of the CUHA – Start Time: 6:45 p.m.

Friday, September 28

- [] Bovine Program
- [] Equine Program

COMPANION ANIMAL PROGRAM

- 8:30-9:20 a.m.
- [] Regulatory/Drug Enforcement – TBA
- [] Coagulation Testing: Beyond APTT and PTT – Dr. Brooks
- [] Making Stents Out of Tracheal Collapse – Dr. Flanders
- [] Diagnosis and Management of Canine Myelopathies – Dr. Cerda-Gonzalez

9:30-10:20 a.m.

- [] Regulatory/Drug Enforcement – TBA
- [] Protein C A New Biomarker for Liver Disease – Dr. Brooks
- [] Critical Tools: Monitoring Oxygen and Perfusion – Dr. Hackner
- [] Cranial Cervical Malformations – More Than Meets the Eye – Dr. Cerda-Gonzalez
- [] Laboratory Detection of Tick-borne Diseases – Dr. Priest

11:00-11:50 a.m.

- [] Canine and Feline Mast Cell Tumors – Dr. Gieger
- [] Canine Respiratory Disease Complex: More Complex Than We Thought – Dr. Dubovi
- [] Hemostasis for the Surgeon – Predicting and Managing Bleeding Part I – Dr. Hackner

11:00-1:00 p.m.

- [] LAB: Infectious Disease Cytology – Drs. Schaefer and Priest

12:00-1:00 p.m.

- [] Hemostasis for the Surgeon – Predicting and Managing Bleeding Part 2 – Dr. Hackner

1:00-2:00 p.m.

- [] Practical Veterinary Oncology – Dr. Gieger
- [] Clinical and Pathologic Correlates in Dermatology Practice – Dr. Peters-Kennedy

2:00-2:50 p.m.

- [] Nasal Tumors in Dogs and Cats – Dr. Gieger
- [] An Introduction to Forensic Pathology – Dr. Sean McDonough
- [] Hemostasis for the Surgeon – Thromboembolism – Dr. Hackner
- [] Introduction to Backyard Poultry Farming (2:00 – 2:25) – Dr. Jagne
- [] Nutrition and Feeding of Backyard Poultry (2:25 – 2:50) – Dr. Jagne

3:00-3:50 p.m.

- [] Oral Tumors in Dogs and Cats – Dr. Gieger
- [] Parasitology- A Real Infection or Just Passing Through? – Dr. Wade
- [] Can We Finally Diagnose Feline Pancreatitis? – Dr. Forman
- [] Important Diseases and Conditions Seen in Backyard Poultry – Dr. Jagne

4:20-5:10 p.m.

- [] Perianal Tumors – Dr. Gieger
- [] Anaerobes and New Names for Old Pathogens – Dr. Patrick McDonough
- [] Treating Feline Pancreatitis From Mild to Life Threatening Disease: A Case Based Approach – Dr. Forman
- [] Important Diseases and Conditions Seen in Backyard Poultry continued (4:20-4:45) – Dr. Jagne
- [] Poultry Diseases and Treatments (4:45-5:10) – Dr. Jagne

5:10-6:00 p.m.

- [] GI Tumors in Dogs and Cats – Dr. Gieger
- [] Clinic/Hospital Environmental Sanitation and Disinfection for Outbreak Control – Dr. Thompson
- [] Diagnosing Canine Hepatopathies: Which Biopsy Technique Will Work, A Case Based Approach – Dr. Forman
- [] Collecting and Sending Poultry Samples (5:10-5:35) – Dr. Jagne
- [] Question and Answer: Bring All of Your Poultry Questions (5:35-6:00) – Dr. Jagne

PRACTICE MANAGEMENT WITH KATHERINE DOBBS, RVT, CVPM, PHR

11:00-11:50 a.m.

- [] Creating Team Buy-In: Marketing

12:00-1:00 p.m.

- [] Creating the Team Buy-In: Proactive Client Service

2:00-2:50 p.m.

- [] Creating the Team Buy-In: Profit and Budget

3:00-3:50 p.m.

- [] Creating the Team Buy-In: Safety & OSHA

4:20-5:10 p.m.

- [] Creating a Compassionate Culture I

5:10-6:00 p.m.

- [] Creating a Compassionate Culture II

[] **Celebration Dinner – 7:00 p.m.**

Saturday, September 29

- [] Bovine Program
- [] Equine Program
- [] Camelid & Small Ruminant Program

COMPANION ANIMAL PROGRAM

- 8:00-8:50 a.m.
- [] Simple Paramedian Technique for Cryptorchid Castrations – Dr. Smeak
- [] Fever of Unknown Origin – Dr. Birkenheuer
- [] What is New In the Diagnosis and Treatment of Ectopic Ureters? – Dr. Knapp-Hoch
- [] Wild Bird Clinical Case Challenges I – Dr. Kollias
- [] What's New in Elbow Dysplasia – Dr. Krotscheck

9:00-9:50 a.m.

- [] Simple Mass Ligation Technique for Splenectomy – Dr. Smeak
- [] Practical Approach to Anemia and Thrombocytopenia – Dr. Birkenheuer
- [] Practical Use of Negative Pressure Wound Therapy (V.A.C therapy) for the Management of Tricky Wounds – Dr. Knapp-Hoch
- [] Wild Bird Clinical Case Challenges II – Dr. Kollias
- [] What's New in Cranial Cruciate Disease – Dr. Krotscheck

10:30-11:20 a.m.

- [] The 10 Minute Gastropexy – Dr. Smeak
- [] The Blue Dot Dilemma “AKA What Do I do With a Positive SNAP Test” – Dr. Birkenheuer
- [] Let's Get Moving: Managing the Constipated Cat – Dr. Little
- [] The New 2012 Veterinary CPR Guidelines: What Every Veterinarian and Technician Should Know – Dr. Fletcher
- [] Select Disorders of the Pediatric Feline Patient – Dr. Casal

11:30 a.m. - 12:20 p.m.

- [] Understanding the Factors Related to Intestinal Repair Failure – Dr. Smeak
- [] Infectious Causes of Feline Diarrhea – Dr. Birkenheuer

12:30-1:20 p.m.

- [] Diarrhea in Kittens: Getting Back on Solid Ground – Dr. Little
- [] Select Disorders of the Pediatric Canine Patient – Dr. Casal

1:30-2:20 p.m.

- [] How to Bury That Final Knot of Your Intradermal Line – Dr. Smeak
- [] Practical Applications of Molecular Diagnostics: Holy Grail or Holy Fail – Dr. Birkenheuer
- [] How to Manage Vomiting Cats & Keep Your Sanity – Dr. Little
- [] New Surgical Options for Non-Responsive Urinary Incontinence – Dr. Flanders
- [] Pediatric Emergencies – Dr. Casal

2:30-3:20 p.m.

- [] Canine Histiocytic Diseases – Dr. Balkman
- [] Birkenheuer's “Bone Pile” - Interesting Internal Medicine Cases – Dr. Birkenheuer
- [] Feline Procedures – Dr. Little
- [] The Perfect Perineal Urethrostomy, Refining Your Technique – Dr. Flanders
- [] Neonatal Resuscitation – Dr. Casal

3:40-4:30 p.m.

- [] Advanced Imaging for the Diagnosis of Portosystemic Shunting – Dr. Broome
- [] Cytauxzoonosis: A TREATABLE Disease That is Probably Headed Your Way – Dr. Birkenheuer
- [] AAFF/ISFM Feline – Friendly Nursing Care Guidelines – Dr. Little
- [] Pediatric Pharmacology – Dr. Casal

3:40-5:30 p.m.

- [] LAB: Perineal Urethrostomy – Drs. Flanders and Knapp-Hoch
- [] LAB: Wild Bird Post Mortem – Dr. Buckles (*must have rabies vaccine)

4:40-5:30 p.m.

- [] Infectious Disease Potpourri – Dr. Birkenheuer
- [] Diagnosis & Management of Weight Loss in Senior Cats – Dr. Little
- [] Congenital Diseases – Dr. Casal
- [] Challenging Case Studies: Hyper- and Hypothyroidism and Thyroid Tumors in Dogs and Cats – Drs. Broome and Peterson

VETERINARY TECHNICIAN PROGRAM

8:00-8:50 a.m.

- [] Introduction to Electrocardiography and Rhythm Diagnosis – Dr. Kraus

9:00-9:50 a.m.

- [] Cardiopulmonary Auscultation – Dr. Kraus

10:30-11:20 a.m.

- [] Compassion Fatigue – The Cost of Caring – Katherine Dobbs, RVT, CVPM, PHR

11:30 a.m. -12:20 p.m.

- [] Burn Out — Putting Out The Flames – Katherine Dobbs, RVT, CVPM, PHR

1:30-2:20 p.m.

- [] Radiation Therapy: A Practical Introduction – Adrian Martin, LVT

2:30-3:20 p.m.

- [] Chemotherapy: A Practical Introduction – Adrian Martin, LVT

3:40-4:30 p.m.

- [] Is Your Disinfectant All It's Cracked Up to Be? – Linda Caveney, LVT

4:30-5:20 p.m.

- [] Simple Simon's Guide to Writing an Infection Control Policy for Your Practice – Dr. Thompson and Linda Caveney, LVT
- [] **Purple Party and Silent Auction – 5:30 p.m.**

Sunday, September 30

- [] Camelid & Small Ruminant Program

COMPANION ANIMAL PROGRAM

- 8:00-8:50 a.m.
- [] Maxillofacial Surgery in Small Animals – Dr. Peralta
- [] A Review of the Long Term Risks and Benefits of Pediatric Spay and Neuter – Dr. Scarlett
- [] **Hyperthyroidism Summit**: Diagnostic Testing for Feline Hyperthyroidism – Drs. Randolph, Broome, Little, Peterson, and Dykes
- [] LAB: Basics of Chicken Necropsy – Dr. Jagne *[Limited to 25 veterinarians]*
- 9:00-9:50 a.m.
- [] Small Animal Periodontology – Dr. Peralta
- [] URI Management: Tricks of the Trade from the Trenches of Shelter Medicine – Drs. Scarlett and Berliner
- [] **Hyperthyroidism Summit** — Thyroid Imaging for Diagnosis and Staging of Hyperthyroidism and Thyroid Tumors in Cats – Drs. Dykes, Broome, Little, Peterson, and Randolph

10:20-11:10 a.m.

- [] Small Animal Endodontics – Dr. Peralta
- [] Why Did They Do That? Medical Decision Making in the Shelter – Dr. Berliner
- [] **Hyperthyroidism Summit** — Renal Disease and the Feline Thyroid – Drs. Little, Broome, Peterson, Dykes, and Randolph

10:20 a.m. -1:00 p.m.

- [] CPR LAB: An Interactive, Simulation-based Approach – Dr. Fletcher and Pati Kirch *[Limited to 20 veterinarians and veterinary technicians]*

11:20 a.m. – 12:10 p.m.

- [] Movement Disorders — How to Make Sense of the Alphabet Soup – Dr. Cerda-Gonzalez
- [] **Hyperthyroidism Summit** — What's the Best Treatment for Hyperthyroidism? – Drs. Peterson, Broome, Little, Dykes, and Randolph

11:20 a.m. – 1:00 p.m.

- [] Grab Bag: Top Ten Questions From General Practitioners About Shelter Medicine – Drs. Scarlett and Berliner

12:10-1:00 p.m.

- [] Intracranial Neurologic Emergencies: Head Trauma, Status Epilepticus, and Bacterial Meningoencephalitis – Dr. Cerda-Gonzalez
- [] **Hyperthyroidism Summit** – Diagnosis and Treatment of Large Thyroid Masses and Thyroid Carcinoma in Cats – Drs. Broome, Little, Peterson, Dykes, and Randolph

Sunday, September 30

VETERINARY TECHNICIAN PROGRAM

8:00-8:50 a.m.

- [] LAB: ECG Interpretation (case based) – Drs. Kraus and Gelzer *[Limited to 25 veterinary technicians]*

10:20 a.m. -1:00 p.m.

- [] LAB: Compassion Fatigue – Katherine Dobbs, RVT, CVPM, PHR *[Limited to 50 veterinary technicians]*

COMPANION ANIMAL PROGRAM

Thursday, September 27

6:00-8:00 pm

Conference Registration and Welcome Reception

Friday, September 28

PRACTICE MANAGEMENT

8:30-9:20 am	Regulatory/Drug Enforcement Speaker tba	Coagulation Testing: Beyond APTT and PTT Dr. Marjory Brooks	Making Stents Out of Tracheal Collapse Dr. James Flanders	Diagnosis and Management of Canine Myelopathies Dr. Sofia Cerda-Gonzalez	
9:30-10:20	Regulatory/Drug Enforcement Speaker tba	Protein C a New Biomarker for Liver Disease Dr. Marjory Brooks	Critical Tools: Monitoring Oxygen and Perfusion Dr. Susan Hackner	Cranial Cervical Malformations – More Than Meets the Eye Dr. Sofia Cerda-Gonzalez	Laboratory Detection of Tick-borne Diseases Dr. Heather Priest
10:20-11:00	BREAK				
11:00-11:50	Canine and Feline Mast Cell Tumors Dr. Tracy Gieger	Canine Respiratory Disease Complex: More Complex than We Thought Dr. Edward Dubovi	Hemostasis for the Surgeon – Predicting and Managing Bleeding Part I Dr. Susan Hackner		LAB – Infectious Disease Cytology Drs. Deanna Schaefer and Heather Priest
12:00-1:00	LUNCH 12:00-1:00		Hemostasis for the Surgeon – Predicting and Managing Bleeding Part 2 Dr. Susan Hackner		Creating Team Buy-In: Marketing Katherine Dobbs, RVT, CVPM, PHR
1:00-2:00	Practical Veterinary Oncology Dr. Tracy Gieger	Clinical and Pathologic Correlates in Dermatology Practice Dr. Jeanine Peters-Kennedy	LUNCH 1:00-2:00		
2:00		Introduction to Backyard Poultry Farming Dr. Jarra Jagne	Nasal Tumors in Dogs and Cats Dr. Tracy Gieger <i>Speaker Sponsored by: Fallon Wellness Pharmacy</i>	An Introduction to Forensic Pathology Dr. Sean McDonough	Hemostasis for the Surgeon – Thromboembolism Dr. Susan Hackner
2:25		Nutrition and Feeding of Backyard Poultry Dr. Jarra Jagne			
2:50					
3:00-3:50		Important Diseases and Conditions Seen in Backyard Poultry Dr. Jarra Jagne	Oral Tumors in Dogs and Cats Dr. Tracy Gieger <i>Speaker Sponsored by: Fallon Wellness Pharmacy</i>	Parasitology - A Real Infection or Just Passing Through? Dr. Susan Wade	Can We Finally Diagnose Feline Pancreatitis? Dr. Marnin Forman
3:50-4:10	BREAK				
4:20		Important Diseases and Conditions Seen in Backyard Poultry <i>cont.</i> Dr. Jarra Jagne	Perianal Tumors Dr. Tracy Gieger <i>Speaker Sponsored by: Fallon Wellness Pharmacy</i>	Clinical Anaerobic Microbiology for the Veterinarian Dr. Patrick L. McDonough	Treating Feline Pancreatitis From Mild to Life Threatening Disease: A Case Based Approach Dr. Marnin Forman
4:45		Poultry Diseases and Treatments Dr. Jarra Jagne		New Names for Old Pathogens (taxonomy and nomenclature revisited) Dr. Patrick McDonough	
5:10		Collecting and Sending Poultry Samples Dr. Jarra Jagne		Clinic/Hospital Environmental Sanitation and Disinfection for Outbreak Control Dr. Belinda Thompson	
5:35		Question and Answer: Bring All of Your Poultry Questions Dr. Jarra Jagne	GI Tumors in Dogs and Cats Dr. Tracy Gieger <i>Speaker Sponsored by: Fallon Wellness Pharmacy</i>	Diagnosing Canine Hepatopathies: Which Biopsy Technique Will Work, A Case Based Approach Dr. Marnin Forman	Creating a Compassionate Culture II Katherine Dobbs, RVT, CVPM, PHR
6:00					
7:00-10:00 pm	CONFERENCE CELEBRATION / RECEPTION AND DINNER				

COMPANION ANIMAL PROGRAM

Saturday, September 29

7:00-8:00 am	NYSVMS Business Meeting						
7:30-8:00	Continental Breakfast						
						VETERINARY TECHNICIAN PROGRAM	
8:00-8:50	Simple Paramedian Technique for Cryptorchid Castrations Dr. Daniel Smeak	Fever of Unknown Origin Dr. Adam Birkenheuer	What is New In the Diagnosis and Treatment of Ectopic Ureters? Dr. Heather Knapp-Hoch	Wild Bird Clinical Case Challenges I Dr. George Kollias	What's New in Elbow Dysplasia Dr. Ursula Krotscheck	Introduction to Electrocardiography and Rhythm Diagnosis Dr. Marc Kraus	
9:00-9:50	Simple Mass Ligation Technique for Splenectomy Dr. Daniel Smeak	Practical Approach to Anemia and Thrombocytopenia Dr. Adam Birkenheuer	Practical Use of Negative Pressure Wound Therapy (V.A.C therapy) for the Management of Tricky Wounds Dr. Heather Knapp-Hoch	Wild Bird Clinical Case Challenges II Dr. George Kollias	What's New in Cranial Cruciate Disease Dr. Ursula Krotscheck	Cardiopulmonary Auscultation Dr. Marc Kraus	
9:50-10:30	BREAK						
10:30-11:20	The 10-minute Gastropexy Dr. Daniel Smeak	The Blue Dot Dilemma “aka What Do I Do with a Positive SNAP Test” Dr. Adam Birkenheuer	Let's Get Moving: Managing the Constipated Cat Dr. Susan Little	Select Disorders of the Pediatric Feline Patient Dr. Margret Casal	The New 2012 Veterinary CPR Guidelines: What Every Veterinarian and Technician Should Know Dr. Daniel Fletcher	Compassion Fatigue – The Cost of Caring Katherine Dobbs, RVT, CVPM, PHR	
11:30-12:20	Understanding the Factors Related to Intestinal Repair Failure Dr. Daniel Smeak	Infectious Causes of Feline Diarrhea Dr. Adam Birkenheuer	LUNCH 11:30-12:20			Burn Out – Putting Out the Flames Katherine Dobbs, RVT, CVPM, PHR	
12:30-1:20	LUNCH						
12:30-1:20	Diarrhea in Kittens: Getting Back on Solid Ground Dr. Susan Little		Select Disorders of the Pediatric Canine Patient Dr. Margret Casal				
1:30-2:20	How to Bury That Final Knot of Your Intradermal Line Dr. Daniel Smeak	Practical Applications of Molecular Diagnostics: Holy Grail or Holy Fail Navigating the Landscape of Molecular Testing for Infectious Diseases Dr. Adam Birkenheuer <i>Speaker Sponsored by: Merial</i>	How to Manage Vomiting Cats & Keep Your Sanity Dr. Susan Little	New Surgical Options for Non-Responsive Urinary Incontinence Dr. James Flanders	Pediatric Emergencies Dr. Margret Casal	Radiation Therapy: A Practical Introduction Adrian Martin, LVT	
2:30-3:20	Canine Histiocytic Diseases Dr. Cheryl Balkman	Birkenheuer's “Bone Pile” - Interesting Internal Medicine Cases Dr. Adam Birkenheuer <i>Speaker Sponsored by: Merial</i>	Feline Procedures Dr. Susan Little	The Perfect Perineal Urethrostomy, Refining Your Technique Dr. James Flanders	Neonatal Resuscitation Dr. Margret Casal	Chemotherapy: A Practical Introduction Adrian Martin, LVT	
3:20-3:40	BREAK						
3:40-4:30	Advanced Imaging for the Diagnosis of Portosystemic Shunting Dr. Michael Broome	Cytauxzoonosis: A TREATABLE Disease that is Probably Headed Your Way Dr. Adam Birkenheuer <i>Speaker Sponsored by: Merial</i>	AAFP/ISFM Feline – Friendly Nursing Care Guidelines Dr. Susan Little	LABS: 3:40-5:30 LAB: Perineal Urethrostomy [Limited to 12 veterinarians] Drs. James Flanders and Heather Knapp-Hoch	Pediatric Pharmacology Dr. Margret Casal	Is Your Disinfectant All It's Cracked Up to Be? Linda Caveney, LVT	
4:40-5:30	Diagnosis and Management of Weight Loss in Senior Cats Dr. Susan Little	Emerging Canine and Feline Infectious Disease Potpourri Dr. Adam Birkenheuer <i>Speaker Sponsored by: Merial</i>	Congenital Diseases Dr. Margret Casal	LAB: Wild Bird Post Mortem Laboratory Dr. Elizabeth Buckles	Challenging Case Studies: Hyper- and Hypothyroidism and Thyroid Tumors in Dogs and Cats Drs. Michael Broome and Mark Peterson	Simple Simon's Guide to Writing an Infection Control Policy for Your Practice Dr. Belinda Thompson and Linda Caveney, LVT	
5:30-7:30	PURPLE PARTY & SILENT AUCTION						

COMPANION ANIMAL PROGRAM

Sunday, September 30				VETERINARY TECHNICIAN PROGRAM	
7:30-8:00 am	COFFEE				
8:00-8:50	Maxillofacial Surgery in Small Animals Dr. Santiago Peralta	A Review of the Long Term Risks and Benefits of Pediatric Spay and Neuter Dr. Jan Scarlett	Hyperthyroidism Summit: Diagnostic Testing for Feline Hyperthyroidism Drs. John Randolph, Michael Broome, Susan Little, Mark Peterson and Nathan Dykes <i>Speakers Sponsored by: Fallon Wellness</i>	LAB: Basics of Chicken Necropsy [Limited to 25 veterinarians] Dr. Jarra Jagne	LAB: ECG Interpretation (case based) [Limited to 25 veterinary technicians] Drs. Marc Kraus and Anna Gelzer
9:00-9:50	Small Animal Periodontology Dr. Santiago Peralta	URI Management: Tricks of the Trade from the Trenches of Shelter Medicine Drs. Jan Scarlett and Elizabeth Berliner	Hyperthyroidism Summit - Thyroid Imaging for Diagnosis and Staging of Hyperthyroidism and Thyroid Tumors in Cats Drs. Nathan Dykes, Michael Broome, Susan Little, Mark Peterson and John Randolph <i>Speakers Sponsored by: Fallon Wellness</i>		
9:50-10:20	BRUNCH				
10:20-11:10	Small Animal Endodontics Dr. Santiago Peralta	Why Did They Do That? Medical Decision Making in the Shelter Dr. Elizabeth Berliner	Hyperthyroidism Summit - Renal Disease and the Feline Thyroid Drs. Susan Little, Michael Broome, Mark Peterson, Nathan Dykes and John Randolph <i>Speakers Sponsored by: Fallon Wellness</i>	CPR LAB: An Interactive, Simulation-based Approach [Limited to 20 veterinarians and veterinary technicians] Dr. Daniel Fletcher and Pati Kirch, LVT	LAB: Compassion Fatigue [Limited to 50 veterinary technicians] Katherine Dobbs, RVT, CVPM, PHR
11:20-12:10	Movement Disorders: How to Make Sense of the Alphabet Soup Dr. Sofia Cerda-Gonzalez	11:20-1:00 Grab Bag: Top Ten Questions from General Practitioners About Shelter Medicine Drs. Jan Scarlett and Elizabeth Berliner	Hyperthyroidism Summit - What's the Best Treatment for Hyperthyroidism? Drs. Mark Peterson, Michael Broome, Susan Little, Nathan Dykes and John Randolph <i>Speakers Sponsored by: Fallon Wellness</i>		
12:10-1:00	Intracranial Neurologic Emergencies: Head Trauma, Status Epilepticus, and Bacterial Meningoencephalitis Dr. Sofia Cerda-Gonzalez		Hyperthyroidism Summit - Diagnosis and Treatment of Large Thyroid Masses and Thyroid Carcinoma in Cats Drs. Michael Broome, Susan Little, Mark Peterson, Nathan Dykes and John Randolph <i>Speakers Sponsored by: Fallon Wellness</i>		
1:00	CONFERENCE ENDS				

Thank you NYS-VC Sponsors

Our thanks to the following companies for their support of the 2012 New York State Veterinary Conference:

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Cornell University
College of Veterinary Medicine
Feline Health Center



EQUINE PROGRAM

Thursday, September 27

6:00-8:00 pm Conference Registration and Welcome Reception

Friday, September 28

8:00-8:30 am Continental Breakfast

EQUINE PROGRAM

8:30-9:20	News Hour Drs. Tom Divers and Norm Ducharme
9:30-10:20	Brachytherapy in the Horse Dr. William Bradley
10:20-11:00	BREAK
11:00-11:25	Cryopreservation of Stallion Semen: Options and Opportunities Dr. Robert Gilbert
11:30-12:20	Infection Causes of Abortions in the Equine Dr. Ahmed Tibary
12:20-1:30	LUNCH
1:30-3:10	LAB A: MRI Foot Problems (case based) Drs. Peter Scrivani and Jonathan Cheetham
	LAB B: Best Case of the Year Presentations. Patients That Require Follow Up With Their Referring Veterinarian Drs. Kathleen Mullen, Sally Anne Ness, Hayley Lang and Michael Maher
3:10-3:30	BREAK
3:30-5:10	LAB A: MRI Foot Problems (case based) Drs. Peter Scrivani and Jonathan Cheetham
	LAB B: Best Case of the Year Presentations. Patients That Require Follow Up With Their Referring Veterinarian Drs. Kathleen Mullen, Sally Anne Ness, Hayley Lang and Michael Maher
7:00-10:00 pm	CONFERENCE CELEBRATION / RECEPTION AND DINNER

Saturday, September 29

7:00-8:00 am NYSVMS Business Meeting

7:30-8:00 Continental Breakfast

EQUINE PROGRAM

8:00-9:15	Update on Equine Metabolic Syndrome and Cushings Disease Dr. Nicholas Frank
9:25-9:50	Techniques for Diagnosis and Treatment of Equine Sinus Disease Dr. Richard Hackett
9:50-10:30	BREAK
10:30-11:20	Abdominal Ultrasound in Equine Practice Dr. Anthony Pease
11:30-12:30	LUNCH
12:30-2:10	LAB A: Equine Metabolic Syndrome and Equine Cushings Disease (case based) Dr. Nicholas Frank
	LAB B: CI-C2 Standing CSF Fluid Drs. Anthony Pease and Tom Divers
2:10-2:30	BREAK
2:30-4:10	LAB A: Equine Metabolic Syndrome and Equine Cushings Disease (case based) Dr. Nicholas Frank
	LAB B: CI-C2 Standing CSF Fluid Drs. Anthony Pease and Tom Divers
5:30-7:30	PURPLE PARTY & SILENT AUCTION

BOVINE PROGRAM

Thursday, September 27

6:00-8:00 pm Conference Registration and Welcome Reception

Friday, September 28

7:30-8:00 am Continental Breakfast

BOVINE PROGRAM

8:00-8:50	Update on Emerging/Re-emerging Diseases in the Northeast Dr. Paul Virkler
9:00-9:50	Troubleshooting Dry and Transition Cow Diets Dr. Tom Overton
9:50-10:30	BREAK
10:30-11:20	Advances in Understanding Bovine Innate-Defense Mechanisms Dr. James Roth
11:30-12:20	Advances in Understanding Bovine Cell-Mediated Immunity Dr. James Roth
12:20-1:50	Shuttle leaves for Dairy Barn Dedication and LUNCH
2:00-2:50	Vaccines for FMD and Other Foreign Animal Diseases of Cattle Dr. James Roth
3:00-3:50	Development of a Secure Milk Supply Business Continuity Plan in the Event of a FMD Outbreak Dr. James Roth
3:50-4:10	BREAK
4:10-5:10	New Research in Dry Cow Vaccination Dr. Abhijit Gurjar
7:00-10:00 pm	CONFERENCE CELEBRATION / RECEPTION AND DINNER

Saturday, September 29

7:00-8:00 am NYSVMS Business Meeting

7:30-8:00 Continental Breakfast

BOVINE PROGRAM

8:00-8:50	Animal Drug Residues and the Dairy Industry Dr. Craig Shultz
9:00-9:40	WET LAB - Common Dairy Cow Conditions Associated with Slaughter Plant Condemnations Dr. Gerald Duhamel
5:30-7:30	PURPLE PARTY & SILENT AUCTION



CAMELID/SMALL RUMINANT PROGRAM

Thursday, September 27

6:00-8:00 pm Conference Registration and Welcome Reception

Friday, September 28

7:00-10:00 pm CONFERENCE CELEBRATION / RECEPTION AND DINNER

Saturday, September 29

7:00-8:00 am NYSVMS Business Meeting

7:30-8:00 Continental Breakfast

CAMELID/SMALL RUMINANT PROGRAM

8:00-8:50 Normal and Abnormal Reproductive Ultrasonography in Male and Female Camelids
Dr. Ahmed Tibary

9:00-9:50 Pregnancy Loss and Abortion in Camelids
Dr. Ahmed Tibary

9:50-10:30 BREAK

10:30-11:20 Reproductive Surgeries in Male and Female
Dr. Ahmed Tibary

11:30-12:30 LUNCH

12:30-1:20 Cria Management and Emergencies
Dr. Ahmed Tibary

1:30-2:20 Fundamental Plans for Sheep and Goat Nutrition
Dr. Robert Van Saun

2:30-3:20 Mineral Nutrition and Supplement Usage
Dr. Robert Van Saun

Saturday, September 29

3:20-3:40 BREAK

3:40-4:30 Nutritional Pathogenesis and Prevention of Urolithiasis
Dr. Robert Van Saun

4:30-5:20 Pregnancy Toxemia and the Metabolic Changes of Transition
Dr. Robert Van Saun

5:30-7:30 PURPLE PARTY & SILENT AUCTION

Sunday, September 30

7:30-8:00 am COFFEE

CAMELID/SMALL RUMINANT PROGRAM

8:00-8:50 Update on Emerging Issues for Small Ruminants and Camelids
Dr. Mary Smith

9:00-9:50 Lions and Sheep and Goats, Oh My! Small Ruminant Cases Worth Writing Home About
Dr. Sally Anne Ness

9:50-10:20 BRUNCH

10:20-1:00 LAB: Sheep Ultrasound
Drs. Robert Gilbert, S.H. Cheong, Whitney Brown and Sonya Lawlis



2012 NYS-VC Silent Auction Appeal for Donations

Saturday, September 29, 2012 5:30pm – 7:30pm / New York State Veterinary Diagnostic Lab

Fundraiser to Benefit Veterinary Student Scholarships and the NYSVMS PEC



2012 Silent Auction – Featured Item

Foie Gras Dinner and Overnight Accommodations at a Lakeside Home / B&B (for four people)

Starting Bid: \$1,000

An evening of personalized fine dining, libations, and hospitality at the lakefront Victorian home of Mark Will, DVM and his wife Charlotte in Groversville, NY in the Southern Adirondacks. The package includes appetizers, dinner and dessert on a Saturday night, overnight accommodations at the Will's home, and breakfast the next morning.

Dinner features items from the Hudson Valley Duck Farm (duck products supplied by Larry Bartholf, DVM) and other NYS products/wines/beers.



All proceeds raised at the Silent Auction benefit veterinary student scholarships at Cornell University College of Veterinary Medicine and the veterinary Political Education Committee that helps educate New York State legislators about issues important to veterinary medicine.

NYS-VC SILENT AUCTION DONATION FORM

Donor Name: _____

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Mailing Address: _____ City: _____ State: _____ Zip: _____

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How will you deliver item: ☐ Directly to conference ☐ Ship to NYSVMS ☐ Other _____

Describe the item you are donating (please be as descriptive as possible): _____

Approximate Retail Value: \$ _____

Please fax this form to 518-869-7868 or email the form and a picture of your item to Jennifer Mauer, jmauer@nysvms.org



COMPANION ANIMAL PROGRAM

Friday, September 28

8:00-8:30 **Continental Breakfast**

8:30-9:20

Regulatory/Drug Enforcement

[Applicable for VTs]

Speaker to be announced. This course will fulfill the New York State Education requirement that a minimum of 2 continuing education credit hours be completed in controlled substance topics.

8:30-9:20

Coagulation Testing: Beyond APTT and PTT

Marjory Brooks, DVM, DACVIM

The APTT and PT are the traditional coagulation screening tests routinely performed in practice, yet many clinicians are not certain what the results mean and how to proceed beyond this initial workup. In a case-based interactive session, the audience will gain experience interpreting these screening tests and become familiar with ancillary diagnostics to manage patients with simple and complex coagulopathies.

8:30-9:20

Making Stents Out of Tracheal Collapse

James Flanders, DVM, DACVS

This lecture will review the etiology and treatment of tracheal collapse in toy breed dogs. Dr. Flanders will give a detailed description of the treatment of tracheal collapse with intraluminal stents and will discuss the pros and cons of these devices for treatment of tracheal collapse.

8:30-9:20

Diagnosis and Management of Canine Myelopathies

[Applicable for VTs]

Sofia Cerda-Gonzalez, DVM, DACVIM

This lecture will review the diagnosis and standard of care of canine degenerative spinal cord disorders, including diseases such as intervertebral disc disease, caudal cervical spondylomyelopathy, and degenerative myelopa-

thy. Recent findings in controversial subjects, such as the use of glucocorticoids for the treatment of acute spinal cord injury, will also be covered.

9:30-10:20

Regulatory/Drug Enforcement

[Applicable for VTs]

Speaker to be announced. This course will fulfill the New York State Education requirement that a minimum of 2 continuing education credit hours be completed in controlled substance topics.

9:30-10:20

Protein C a New Biomarker for Liver Disease

Marjory Brooks, DVM, DACVIM

Protein C assays have become a useful tool for diagnosing and managing patients with liver disease. This presentation will focus on the clinical applications of Protein C testing, including case examples of congenital portovascular anomalies and hepatic synthetic failure.

9:30-10:20

Critical Tools: Monitoring Oxygen and Perfusion

[Applicable for VTs]

Susan Hackner, BVSc, MRCVS, DACVIM, DACVECC

A crucial goal in the critical patient is the optimization of cellular oxygen delivery, which depends on oxygenation of the blood and on tissue perfusion. Monitoring these parameters enables goal-oriented management; but monitoring tools each have pitfalls and limitations. This presentation will review the practical aspects of widely available monitoring tools, including pulse oximetry, capnography, blood gas analysis, blood pressure, and CVP – how to use these optimally and gain maximum clinically useful information from them.

9:30-10:20

Cranial Cervical Malformations — More Than Meets the Eye

Sofia Cerda-Gonzalez, DVM, DACVIM

Diseases of the craniocervical junction often present a diagnostic challenge. Multiple abnormalities are often present

concurrently, which overlap in their clinical manifestation, complicating management decisions. This talk will discuss the clinical presentation, diagnosis and treatment options for canine craniocervical junction disorders such as atlantooccipital overlapping and Chiari-like malformations. Diagnostic challenges and strategies to overcome these will be discussed.

9:30-10:20

Laboratory Detection of Tick-borne Diseases

[Applicable for VTs]

Heather Priest, DVM, DACVP

Ticks are known to carry a cocktail of infectious agents including bacteria, viruses, and parasites. Recognition and confirmation of these diseases can be challenging since symptoms can be non-specific and diagnostic tests do not necessarily identify active disease. The lecture will focus on the tick-borne diseases identified in the Northeastern United States and discuss when the diseases should be on our differential list, the diagnostic tests at our disposal and the interpretation of these tests.

11:00-11:50

Canine and Feline Mast Cell Tumors

Tracy Gieger, DVM, ACVRO, ACVIM

This 50-minute lecture will review basics about canine and feline mast cell tumors, including staging, pathology, therapy, and prognostic indicators.

11:00-11:50

Canine Respiratory Disease Complex: More Complex than We Thought

[Applicable for VTs]

Edward Dubovi, BA, MS, PhD

Within the past 10 years, the rate of discovery of new infectious disease agents has greatly accelerated. New technologies now permit characterization of agents that have not or cannot be cultured in the laboratory under standard conditions. We now have a much more complex problem in ascribing cause to what is now referred to as acute respiratory disease of canines or canine infectious respiratory disease. Multiple agents can now be detected in a single sample which is causing a reassessment

of the old dogmas concerning respiratory disease. New agents, test selection and test interpretations will be discussed.

11:00-11:50

Hemostasis for the Surgeon — Predicting and Managing Bleeding Part I

Susan Hackner, BVSc, MRCVS, DACVIM, DACVECC

Even under the best of circumstances, surgery represents a major hemostatic challenge. This is magnified in patients with inherited or acquired bleeding disorders. This presentation will review hemostasis and its assessment, causes of surgical bleeding disorders, and preoperative screening/assessment.

11:00-1:00

LAB – Infectious Disease Cytology

[Limited to 50 veterinarians and VTs]

Deanna Schaefer, DVM, MS, MT (ASCP), DACVP and Heather Priest, DVM, DACVP

This laboratory will focus on microscopic identification of various infectious diseases on blood smears and tissue cytology from small animals. There will be a short introductory lecture, with the majority of laboratory time involving evaluation of slide specimens by the laboratory participants. Drs. Schaefer and Priest will circulate during the lab to answer individual questions. The last 30 minutes will be a group question/answer session.

12:00-1:00

Hemostasis for the Surgeon — Predicting and Managing Bleeding Part 2

Susan Hackner, BVSc, MRCVS, DACVIM, DACVECC

Successful surgical outcome demands not only technical expertise but the identification and management of disorders that compromise hemostasis. This presentation will focus on the assessment and management of the patient with operative or postoperative bleeding using clinical cases.

COMPANION ANIMAL PROGRAM continued

1:00-2:00

Practical Veterinary Oncology

Tracy Gieger, DVM, ACVRO, ACVIM

This 50-minute lecture will focus on chemotherapy safety in practice, oral chemotherapy, and management of chemotherapy side effects.

1:00-2:00

Clinical and Pathologic Correlates in Dermatology Practice

Jeanine Peters-Kennedy, DVM, DACVP, DACVD

This lecture will review the clinical presentation and pathologic features of the more common diseases of canine and feline skin. It will also cover do's and don'ts in regard to cytology of skin lesions and how to interpret the cytology. We will also discuss the do's and don'ts to taking skin biopsies and interpreting the histopathology report.

2:00-2:50

Nasal Tumors in Dogs and Cats

Tracy Gieger, DVM, ACVRO, ACVIM

This 50-minute lecture will review basics about canine and feline nasal tumors, including staging, pathology, therapy, and prognostic indicators.

2:00-2:50

An Introduction to Forensic Pathology

Sean McDonough, DVM, PhD, DACVP

Forensics is the application of science to legal questions and forensic pathology is just one of many scientific disciplines that may be used in either civil and criminal cases. The questions that need to be answered by a forensic necropsy differ substantially from those of a medical necropsy. Practical guidance will be offered to help veterinarians in private practice to conduct a legally defensible post mortem exam. Due diligence requires a complete necropsy examination be performed, collection of a complete set of formalin fixed tissues

and the generation of a timely gross report of the findings. The advantages and limitations of photographs will be discussed as well as the differences in testifying as a material witness as compared to an expert witness. Approaches to the most commonly encountered types of forensic necropsy cases private practitioners are asked to evaluate will be discussed. Finally, consideration will be given to how you can aid the prosecutor in preparation of an animal cruelty case.

2:00-2:50

Hemostasis for the Surgeon — Thromboembolism

Susan Hackner, BVSc, MRCVS, DACVIM, DACVECC

Postoperative venous thromboembolism occurs in dogs, though with a lower prevalence than in human patients. Risk is related to the presence of an underlying thrombotic tendency, as well as to the type and extent of surgical procedure. Thromboembolism in small animals is reviewed with respect to risk assessment, the prevention of surgical complications and to the diagnosis and treatment of venous thromboembolism.

2:00-2:25

Introduction to Backyard Poultry Farming

[Applicable for VTs]

Jarra Jagne, DVM, DACPV

The United States has seen an increase in the number of people raising small flocks of chickens in towns and cities in recent years. Many chickens are also kept as pets and small and mixed animal practitioners are being increasingly asked to diagnose and treat sick chickens. This session will examine the reasons behind the "chicken movement" and the pros and cons of urban chicken farming.

2:25-2:50

Nutrition and Feeding of Backyard Poultry

[Applicable for VTs]

Jarra Jagne, DVM, DACPV

A good nutrition program is the most important part of poultry production. Chickens rations are formulated according to the age and type of chicken (broilers or egg layers). Discussions will center on feed ingredients in commercially prepared feeds as well as the practice of feeding backyard chickens homemade feed and kitchen scraps.

3:00-3:50

Oral Tumors in Dogs and Cats

Tracy Gieger, DVM, ACVRO, ACVIM

This 50-minute lecture will review basics about canine and feline oral tumors, including staging, pathology, therapy, and prognostic indicators.

3:00-3:50

Parasitology — A Real Infection or Just Passing Through?

[Applicable for VTs]

Susan Wade, MA, PhD

The first part of this lecture will be a description of the tests available in the Parasitology Section for the diagnosis of parasitic infections and the rationale for their use. The second part will cover parasites detected in our laboratory through the testing of blood and fecal samples. The last part will discuss parasites recovered that are not parasites of the animal being tested, but for which the animal has been treated, often multiple times.

3:00-3:50

Can We Finally Diagnose Feline Pancreatitis?

[Applicable for VTs]

Marrin Forman, DVM, DACVIM

The frequency of the diagnosis of pancreatitis in cats has increased with advances in pancreatic serology and imaging. Multiple generations of serologic tests and imaging techniques for pancreatitis have been evaluated with the sensitivity, predicative value and specificity established. This lecture will review the new generations of

feline pancreatic-specific serology and advances in imaging. Lastly, a classification scheme will be proposed as a tool in the diagnosing the likelihood of feline pancreatitis.

3:00-3:50

Important Diseases and Conditions Seen in Backyard Poultry

[Applicable for VTs]

Jarra Jagne, DVM, DACPV

Participants will be introduced to descriptions of common poultry diseases with emphasis on etiology, clinical signs, gross lesions and control and treatment methods. Diseases need to be controlled to make poultry keeping economically rewarding. Common poultry diseases are caused by viruses, bacteria, fungi and parasites. Nutritional deficiencies, particularly those involving vitamins and minerals are also important.

4:20-5:10

Perianal Tumors

Tracy Gieger, DVM, ACVRO, ACVIM

This 50-minute lecture will review basics about perianal tumors, including staging, pathology, therapy, and prognostic indicators.

4:20-4:45

Clinical Anaerobic Microbiology for the Veterinarian

Patrick L. McDonough, MS, PhD

This presentation will cover practical aspects of anaerobes and the infections that they cause. Proper sampling protocols will be covered, transport media, samples that are appropriate for culturing and those that are not, the importance of direct smears in making a presumptive diagnosis, clinical signs of anaerobic infections, infections by body site and syndromes, treatment protocols, and interpretation of laboratory results.... and more.



COMPANION ANIMAL PROGRAM

4:45-5:10

New Names for Old Pathogens (taxonomy and nomenclature revisited)*Patrick L. McDonough, MS, PhD*

This presentation will cover the new names of bacteria (and Mycoplasma's) that are confusing you when you see them in your laboratory reports. What is *Trueperella pyogenes*, and have you heard about *Gallibacterium anatis*, or *Staphylococcus pseudintermedius*? This talk will give you the tools to survive and maneuver both your laboratory reports and the veterinary scientific literature.

4:20-5:10

Treating Feline Pancreatitis From Mild to Life Threatening Disease: A Case Based Approach

[Applicable for VTs]

Marnin Forman, DVM, DACVIM

With advances in serology and diagnostic imaging, pancreatitis is being recognized as a relatively common disorder causing significant morbidity and infrequently, mortality. Clinical signs of pancreatitis can range in severity from mild, self-limiting to severe, life threatening disease with an acute or chronic presentation. This talk will review a broad range of therapies for a diverse disease process including, but not limited to, nutrition options, pain control, blood pressure support and indications for fresh frozen plasma, antibiotics and corticosteroids.

4:20-4:45

Important Diseases and Conditions Seen in Backyard Poultry (continued)

[Applicable for VTs]

Jarra Jagne, DVM, DACPV

Participants will be introduced to descriptions of common poultry diseases with emphasis on etiology, clinical signs, gross lesions and control and treatment methods. Diseases need to be controlled to make poultry keeping economically rewarding. Common poultry diseases are caused by viruses, bacteria, fungi and parasites. Nutritional deficiencies, particularly those involving vitamins and minerals are also important.

4:45-5:10

Poultry Diseases and Treatments

[Applicable for VTs]

Jarra Jagne, DVM, DACPV

Poultry farmers who keep small flocks of fifty or less know how difficult it can be to obtain information about suitable medications, dosing etc. This module will provide information on how to treat poultry flocks for different conditions such as mite infestations, bacterial infections, internal parasites and nutritional deficiencies. Discussions will also include drug withdrawal times and the controversy of medication use in food producing animals such as chickens.

5:10-6:00

GI Tumors in Dogs and Cats*Tracy Gieger, DVM, ACVRO, ACVIM*

This 50-minute lecture will review basics about canine and feline GI tumors, including staging, pathology, therapy, and prognostic indicators. The focus in this lecture will be on feline GI lymphoma, including differences in treatment and prognosis between lymphocytic and lymphoblastic lymphoma.

5:10-6:00

Clinic/Hospital Environmental Sanitation and Disinfection for Outbreak Control

[Applicable for VTs]

Belinda Thompson, DVM

This session will cover environmental infection control practices for the hospital or clinic, and will apply to companion animal or equine/ food animal facilities. Discussion will include best management practices to minimize transmission of infectious agents by all routes, including direct contact, fomite, aerosol, oral, and vector-borne. Zoonotic transmission will be discussed. In addition, specific agents will be addressed, including *Clostridium difficile*, *Salmonella* spp. and *Staph. aureus*. Some attention will be given to environmental monitoring/testing.

5:10-6:00

Diagnosing Canine Hepatopathies: Which Biopsy Technique Will Work, A Case Based Approach*Marnin Forman, DVM, DACVIM*

Canine hepatopathies includes a broad range of inflammatory, infectious, hereditary, neoplastic, toxic, traumatic and reactive disorders. For most non-vascular disorders a definitive diagnosis is only possible with microscopic evaluation of hepatic tissue. This talk will review the benefits and drawbacks of multiple sample methods including fine needle aspirate cytology and percutaneous ultrasound guided, laparoscopic and open surgical biopsies. Utilization of hepatic histopathology stains will also be discussed.

5:10-5:35

Collecting and Sending Poultry Samples

[Applicable for VTs]

Jarra Jagne, DVM, DACPV

The goal of this session is to introduce the different techniques that are used to collect samples from different poultry species for laboratory diagnostic testing. These will include blood collection for serology, tracheal and cloacal swabbing for virus isolation and collection of tissues during post-mortem examination. The session precedes the Necropsy lab session to be held the day after when some of the techniques can be practiced.

5:35-6:00

Question and Answer: Bring All of Your Poultry Questions

[Applicable for VTs]

Jarra Jagne, DVM, DACPV

Participants are encouraged to bring questions involving poultry cases they have worked on or any questions related to the materials presented in the class. Questions on management, housing and nutrition are welcome. If time allows, cases will be presented for participants to discuss and work up to reach a definitive diagnosis.

Saturday, September 29

7:00-8:00

NYSVMS Business Meeting

Cafeteria (Limited to NYSVMS members, includes breakfast)

8:00-8:50

Simple Paramedian Technique for Cryptorchid Castrations*Daniel Smeak, DVM, DACVS*

Learn a simple and quick procedure to expose surgical conditions of the caudal abdominal cavity. Learn methods to readily know where a cryptorchid testicle is located BEFORE you enter the abdominal cavity.

8:00-8:50

Fever of Unknown Origin*Adam Birkenheuer, DVM, PhD, DACVIM*

A practical, case-based approach to diagnosing and treating the patient with a fever — where to look, how to look and when to throw in the towel.

8:00-8:50

What is New In the Diagnosis and Treatment of Ectopic Ureters?*Heather Knapp-Hoch, MS, DVM, DACVS*

This lecture will include a quick review of the clinical signs and presentation of dogs with ectopic ureters. It will include a review of the diagnostic imaging modalities available for diagnosis as well as highlight the advances in both diagnostics and treatment. The lecture will highlight the use of minimally invasive techniques such as cystoscopy and surgical correction via laser ablation as well as discuss the long term prognosis for this disease process post-surgical correction.

COMPANION ANIMAL PROGRAM continued

8:00-8:50

Wild Bird Clinical Case Challenges I

[Applicable for VTs]

George Kollias, DVM, PhD, DACZM

Members of the public often present practitioners with injured or otherwise impaired wild birds. Having a working knowledge of avian anatomy, physiology and pathophysiology better enables the practitioner to provide optimal care for these patients and to have a better understanding of which presenting problems hold the most favorable prognosis for rehabilitation and release of these patients. A clinical case format will be used to present and reinforce the principles and concepts listed above.

8:00-8:50

What's New in Elbow Dysplasia

[Applicable for VTs]

Ursula Krotscheck, DVM, DACVS

This lecture will discuss the diagnostic dilemmas associated with the diseases comprising elbow dysplasia (FCP, OCD, UAP, elbow incongruity). In addition, treatment options, expected outcomes and the influence of regenerative medicine will be presented.

9:00-9:50

Simple Mass Ligation Technique for Splenectomy*Daniel Smeak, DVM, DACVS*

Learn the critical vascular anatomy and clamp positions to perform a simple splenectomy. Understand the difference in splenectomy technique when dealing with isolated splenic torsion, GDV, and neoplasia. Review the important rules related to secure ligation technique.

9:00-9:50

Practical Approach to Anemia and Thrombocytopenia*Adam Birkenheuer, DVM, PhD, DACVIM*

A case-based approach to diagnosing and treating the anemic patient.

9:00-9:50

Practical Use of Negative Pressure Wound Therapy (V.A.C therapy) for the Management of Tricky Wounds*Heather Knapp-Hoch, MS, DVM, DACVS*

This lecture will provide a practical approach to treatment of complex wounds by discussing the utilization and science behind negative wound pressure therapy (NPWT). It will showcase clinical cases in which negative pressure wound therapy and vacuum assisted closer were used as a primary treatment for complicated wounds. It will also discuss key tips to help the practitioner achieve success when using NPWT.

9:00-9:50

Wild Bird Clinical Case Challenges II

[Applicable for VTs]

George Kollias, DVM, PhD, DACZM

This lecture will be a continuation of the first lecture and also compliment the wildlife pathology labs that will be offered in the afternoon session.

9:00-9:50

What's New in Cranial Cruciate Disease

[Applicable for VTs]

Ursula Krotscheck, DVM, DACVS

This lecture will discuss newer treatment modalities for cruciate disease in dogs, ranging from the intra-articular exploration and treatment of meniscal disease to different surgical techniques (TTA, TPLO, extra capsular). Patient selection criteria for the procedures, outcome, and potential complications will be discussed.

10:30-11:20

The 10-minute Gastropexy*Daniel Smeak, DVM, DACVS*

Learn a simple and quick technique to perform a lasting gastropexy for prevention and treatment of GDV. This technique uses standard sites for the gastropexy and eliminates complications related to surgical technique. Know the criteria used by surgeons to understand when to perform a partial gastrectomy and splenectomy.

10:30-11:20

The Blue Dot Dilemma "aka What Do I Do with a Positive SNAP Test"*Adam Birkenheuer, DVM, PhD, DACVIM*

Ideas and opinions about "best practices" for the use of in-house infectious disease screening tests.

10:30-11:20

Let's Get Moving: Managing the Constipated Cat

[Applicable for VTs]

Susan Little, DVM, DABVP

Constipation is a frequently encountered problem in feline medicine. The clinician is faced with a wide variety of potential causes and concurrent diseases. This lecture will focus on recent advances in the diagnosis and both acute and long term non-surgical management of the constipated cat.

10:30-12:20

The New 2012 Veterinary CPR Guidelines: What Every Veterinarian and Technician Should Know*Daniel Fletcher, DVM, PhD, DACVECC*

Less than 7% of dogs and cats survive CPR, compared to 20% of people. A lack of evidence-based guidelines and standardized training has led to significant variability in the approach of veterinary health professionals, likely contributing to poor outcomes. In 2012, the Reassessment Campaign on Veterinary Resuscitation (RECOVER), a collaboration of over 100 veterinary specialists, generated a evidence-based small animal CPR guidelines. This lecture will review these guidelines and help update your approach to CPR.

10:30-11:20

Select Disorders of the Pediatric Feline Patient

[Applicable for VTs]

Margret Casal, DVM, PhD, DECAR

Diarrhea, sneezing, ocular discharge, nasal discharge and weight loss are the most common clinical signs seen in the sick kitten. Differential diagnoses ranging from the most common to the most overlooked conditions will be discussed. Simple, inexpensive and in-depth diagnostics will be presented along with treatment options.

11:30-12:20

Understanding the Factors Related to Intestinal Repair Failure*Daniel Smeak, DVM, DACVS*

Even with appropriate and early treatment, when intestinal repairs fail there is a high mortality rate, that is often very costly for the owner. Therefore, prevention of intestinal dehiscence is critical. Review the main causes of intestinal dehiscence, how to predict the risky patient, and procedures to help prevent this catastrophic complication.

11:30-12:20

Infectious Causes of Feline Diarrhea*Adam Birkenheuer, DVM, PhD, DACVIM*

A practical approach to diagnosing these important underlying infections.

12:30-1:20

Diarrhea in Kittens: Getting Back on Solid Ground

[Applicable for VTs]

Susan Little, DVM, DABVP

Diarrhea is one of the most common health problems of kittens, including those in pet homes, in shelters and in catteries. Common causes include dietary change and infectious diseases. This lecture will concentrate on practical advice for diagnosis and management, including new information on probiotics and dietary management.



COMPANION ANIMAL PROGRAM

12:30-1:20

Select Disorders of the Pediatric Canine Patient*Margret Casal, DVM, PhD, DECAR*

Vomiting, diarrhea, coughing, and failure to thrive are some of the most common clinical signs present in sick puppies. Differential diagnoses ranging from the most common to the most overlooked conditions will be discussed. Simple, inexpensive and in-depth diagnostics will be presented along with treatment options.

1:30-2:20

How to Bury That Final Knot of Your Intradermal Line*Daniel Smeak, DVM, DACVS*

Learn the steps to consistently produce a cosmetic intradermal line. Emphasis will be given to tips to bury the final knot. The Aberdeen knot will be highlighted since it produces a secure knot with less knot mass.

1:30-2:20

Practical Applications of Molecular Diagnostics: Holy Grail or Holy Fail**Navigating the Landscape of Molecular Testing for Infectious Diseases***Adam Birkenheuer, DVM, PhD, DACVIM*

1:30-2:20

How to Manage Vomiting Cats & Keep Your Sanity*[Applicable for VTs]**Susan Little, DVM, DABVP*

Chronic vomiting is a very common clinical sign in cats of all ages and can be associated with a wide variety of underlying disorders, both gastrointestinal and non-gastrointestinal. Many cat owners as well as clinicians overlook mild to moderate chronic vomiting, and “hairballs” are commonly over diagnosed. This lecture will focus on a practical approach to diagnosis and management.

1:30-2:20

New Surgical Options for Non-Responsive Urinary Incontinence*James Flanders, DVM, DACVS*

Urinary incontinence in dogs that are not responsive to standard medical treatment can be a frustrating experience for both pet owners and for veterinarians. In this lecture, Dr. Flanders will discuss new surgical treatments for urinary incontinence including submucosal injection of urethral bulking agents and implantation of hydraulic urethral sphincters.

1:30-2:20

Pediatric Emergencies*[Applicable for VTs]**Margret Casal, DVM, PhD, DECAR*

Neonatal and young pediatric patients in distress do not present with typical clinical signs making the thorough history and physical examination all the more important. Hypothermia, hypoglycemia, and dehydration are the first problems that need to be addressed, often even before in depth diagnostics can be performed. Some handy tools and tricks for diagnosis and treatment of this fragile group of patients will be discussed.

2:30-3:20

Canine Histiocytic Diseases*[Applicable for VTs]**Cheryl Balkman, MS, DVM, DACVIM*

Canine histiocytic diseases represent a spectrum of disorders ranging from a reactive disorder to a variety of neoplastic syndromes. Histiocytic diseases often present a diagnostic challenge to veterinarians as they can have a similar clinical presentation to granulomatous inflammation, immune-mediated hematologic conditions as well as other neoplasia such as lymphoma. This presentation will review the clinical presentation, diagnosis, staging, treatment recommendations and outcome for the various canine histiocytic diseases.

2:30-3:20

Birkenheuer's “Bone Pile” — Interesting Internal Medicine Cases*Adam Birkenheuer, DVM, PhD, DACVIM*

Case presentations of difficult/interesting internal medicine cases. Try to learn from my “mistakes” so you don't make as many.

2:30-3:20

Feline Procedures*[Applicable for VTs]**Susan Little, DVM, DABVP*

Certain procedures are highly valuable in feline medicine, increasing our ability to manage various diseases and save lives. This lecture will focus on the “how-to” for commonly needed procedures, such as feeding tubes, urethral catheterization, and blind bronchoalveolar lavage, among others. These procedures do not require expensive equipment and can readily be learned by clinicians at all levels of practice.

2:30-3:20

The Perfect Perineal Urethrostomy, Refining Your Technique*James Flanders, DVM, DACVS*

In this lecture, Dr. Flanders will review the feline perineal urethrostomy, step-by-step. Common mistakes will be addressed and important techniques for obtaining an optimal result from this classic surgical procedure will be covered.

2:30-3:20

Neonatal Resuscitation*[Applicable for VTs]**Margret Casal, DVM, PhD, DECAR*

Whether dystocia or Cesarean section preceded, some neonates may be in distress and will need resuscitation efforts. The ABC's of resuscitation are the first line of action: Airways should be cleared; the neonate needs to be stimulated to Breathe, and the heart (Cardiac) stimulated to beat. Medications and the controversies surrounding them will be presented along with methods of patient stabilization.

3:40-4:30

Advanced Imaging for the Diagnosis of Portosystemic Shunting*Michael Broome, DVM, MS, DABVP*

Various classifications for portosystemic shunts are recognized including single or multiple, intrahepatic or extrahepatic, and congenital or acquired. The preferred method of treatment and prognosis vary widely depending on the specific nature of the portosystemic shunting. Diagnostic imaging modalities available to assist in the diagnosis and classification of portosystemic shunts are numerous. An overview of the clinicopathologic findings in patients with portosystemic shunts will be followed by a detailed description of the diagnostic imaging modalities available to confirm the diagnosis and define the exact nature of the portosystemic shunting. Emphasis will be placed on advanced imaging modalities including scintigraphy, CT and MRI.

3:40-4:30

Cytauxzoonosis: A TREATABLE Disease that is Probably Headed Your Way*Adam Birkenheuer, DVM, PhD, DACVIM*

Updates on the diagnosis and treatment of this disease that you were lied to about in veterinary school.

3:40-4:30

AAFP/ISFM Feline – Friendly Nursing Care Guidelines*[Applicable for VTs]**Susan Little, DVM, DABVP*

Nursing care encompasses interactions between the patient and veterinary team and also between the cat and its owner at home. Good nursing care promotes wellness or recovery from illness or injury and addresses all the patient's needs. The recently released AAFP/ISFM Feline-Friendly Nursing Care Guidelines are intended to help veterinarians and technicians understand the basic concepts of nursing care and provide practical tips to help implement them in the veterinary hospital.

COMPANION ANIMAL PROGRAM continued

3:40-4:30

Pediatric Pharmacology

[Applicable for VTs]

Margret Casal, DVM, PhD, DECAR

During pregnancy and lactation, medications may be passed on to the fetus or neonate, respectively, depending on their charge, protein binding, and solubility. Therefore, drugs and supplements given to pregnant dams and queens must be chosen carefully. In neonates, physiological immaturity account for differences in absorption, distributions, metabolism, and excretion. For these reasons, methods of administration, doses and dosing intervals differ in puppies and kittens and will need to be adjusted accordingly.

3:40-5:30

LAB: Perineal Urethrostomy

[Limited to 12 veterinarians]

James Flanders, DVM, DACVS and Heather Knapp-Hoch, MS, DVM, DACVS

The purpose of this laboratory is to review the fine points of feline perineal urethrostomies. The target audience is veterinarians who do not routinely perform PUs in practice or who do PUs occasionally and are not satisfied with their results. Attendees will perform perineal urethrostomies on cadaver cats under the direction of two Board Certified Surgeons.

3:40-5:30

Lab: Wild Bird Post Mortem

[Limited to 20 veterinarians]

Elizabeth Buckles, DVM, PhD, DACVP

This will be a hands-on laboratory where participants will learn the basics of avian necropsy technique while discussing identification of lesions and species specific differences in anatomy.

*Attendees must have current rabies vaccination.

4:40-5:30

Emerging Canine and Feline Infectious Disease Potpourri

Adam Birkenheuer, DVM, PhD, DACVIM

Updates on emerging canine and feline infectious diseases such as babesiosis, RMSF and haemoplasmosis.

4:40-5:30

Diagnosis and Management of Weight Loss in Senior Cats

[Applicable for VTs]

Susan Little, DVM, DABVP

Senior cats have a tendency to be underweight and this is often attributed to "old age." However, loss of both muscle and fat mass is associated with the changes in nutritional requirements with aging in cats, which are different from dogs. Weight loss may also be the earliest sign of systemic disease, and so monitoring is important as well as early investigation of changes. This lecture will discuss the weight changes associated with aging in cats and the diagnosis and management of common causes of weight loss.

4:40-5:30

Congenital Diseases

[Applicable for VTs]

Margret Casal, DVM, PhD, DECAR

Congenital diseases are defined as abnormalities that are present at birth. The question becomes if a genetic disease is present or if perhaps a toxin caused the disorder. Thorough history taking and an accurate diagnosis often allow for at least an educated case, so that further steps may be taken to elucidate the cause. A series of case studies will highlight the methods in discovering possible causes of congenital disorders.

4:40-5:30

Challenging Case Studies: Hyper- and Hypothyroidism and Thyroid Tumors in Dogs and Cats

[Applicable for VTs]

Michael Broome, DVM, MS, DABVP and Mark Peterson, DVM, DACVIM

Using a case study format, this lecture will highlight some of the difficulties associated with the diagnosis and management of thyroid disorders in dogs and cats. Case examples will include our diagnostic approach for workup of hyper- and hypothyroidism in both dogs and cats. Diagnosis, staging, and treatment of functional and nonfunctional thyroid tumors will also be covered in this presentation.

Sunday, September 30

8:00-8:50

Maxillofacial Surgery in Small Animals

Santiago Peralta, DVM, DAVDC

Many dental and non-dental oral and maxillofacial diseases require surgical intervention. Common maxillofacial problems that require a surgical approach include traumatic soft tissue and osseous injuries, developmental abnormalities, and tumors affecting the oral cavity. This lecture will focus on the basic principles of surgical anatomy, diagnosis and treatment of the most common maxillofacial diseases that require a surgical intervention.

8:00-8:50

A Review of the Long Term Risks and Benefits of Pediatric Spay and Neuter

[Applicable for VTs]

Jan Scarlett, DVM, MPH, PhD

Despite the practice of pediatric gonadectomy for over 30 years, questions remain regarding possible adverse effects (short- and long-term) on the health of dogs and cats. While numerous studies have been published, non-standardized terminology and studies of varying quality confound practitioner's ability to understand the literature. A critical review of current knowledge regarding adverse and beneficial effects of early gonadectomy will be presented.

8:00-8:50

Hyperthyroidism Summit — Diagnostic Testing for Feline Hyperthyroidism

John Randolph, DVM, DACVIM; Michael Broome, DVM, MS, DABVP; Susan Little, DVM, DABVP; Mark Peterson, DVM, DACVIM; and Nathan Dykes, DVM, DACVR

Although clinical signs and routine laboratory findings may be varied in cats with hyperthyroidism, confirming the diagnosis is usually straight-forward. However, hyperthyroid cats with early/

mild disease or concurrent disorders (e.g. inflammatory bowel disease, diabetes mellitus, and renal disease) may be more challenging to diagnose. This session will consist of a brief review of the available tests to diagnose hyperthyroidism in cats, including the effect that non-thyroidal illness may have on thyroid function tests.

8:00-9:50

LAB: Basics of Chicken Necropsy

[Limited to 25 veterinarians]

Jarra Jagne, DVM, DACPV

To round out the poultry sessions, a necropsy lab will be held to introduce participants to basic poultry anatomy, discussions on humane euthanasia of individual birds and the steps involved in doing a proper necropsy. Major organs and their relevant pathologies will be identified and collection of fecal and oral swabs will be practiced.

9:00-9:50

Small Animal Periodontology

Santiago Peralta, DVM, DAVDC

Periodontal disease is among the most common diseases of dogs and cats, with a direct impact on the patient's general health status and quality of life. As with any other disease, proper treatment requires a comprehensive diagnostic approach. The lecture will emphasize on the diagnostic and therapeutic aspects of periodontal disease in small animals.

9:00-9:50

URI Management: Tricks of the Trade from the Trenches of Shelter Medicine

Jan Scarlett, DVM, MPH, PhD and Elizabeth Berliner, MA, DVM

Upper respiratory disease is one of the most common infectious diseases in animal shelters, and is often assumed (wrongly so) to be a "natural" part of sheltering. However, new research and innovative approaches to diagnosis, management and prevention can help shelters not only decrease disease incidence, but shorten the course of treatment in the shelter.



COMPANION ANIMAL PROGRAM

9:00-9:50

Hyperthyroidism Summit — Thyroid Imaging for Diagnosis and Staging of Hyperthyroidism and Thyroid Tumors in Cats

[Applicable for VTs]

*Nathan Dykes, DVM, DACVR;
Michael Broome, DVM, MS, DABVP;
Susan Little, DVM, DABVP;
Mark Peterson, DVM, DACVM; and
John Randolph, DVM, DACVIM*

Nuclear medicine as a diagnostic, imaging tool can be useful for revealing severity of hyperthyroidism, determining radioiodine dose, and assessing the risk of treatment failure and post-treatment hypothyroidism. The principles of thyroid scintigraphy and the role of imaging in our treatment protocol will be discussed. Case examples will illustrate how imaging contributed to the workup, treatment, and follow up care.

10:20-11:10

Small Animal Endodontics

Santiago Peralta, DVM, DAVDC

Although many times unrecognized, endodontic disease plays a major role in veterinary patients. Recognition of endodontic disease is based on medical history, and clinical and radiographic assessment. This lecture will focus on the clinical relevance of endodontic disease, as well as basic diagnostic and therapeutic strategies.

10:20-11:10

Why Did They Do That? Medical Decision Making in the Shelter

Elizabeth Berliner, MA, DVM

Medical decision making in a shelter setting takes into account the health needs of individual animals, the dynamics of population health, the resources of the shelter, the teamwork of the shelter staff and the sheltered animal's quality of life. Through case examples, this presentation will explore how medical decisions in a shelter setting can differ from a private practice setting. Examples will also demonstrate how aggressive, proactive diagnostics and expenditures early in the course of disease can actually be cost-saving, and improve the welfare of sheltered animals.

10:20-11:10

Hyperthyroidism Summit — Renal Disease and the Feline Thyroid

[Applicable for VTs]

*Susan Little, DVM, DABVP;
Michael Broome, DVM, MS, DABVP;
Mark Peterson, DVM, DACVIM;
Nathan Dykes, DVM, DACVR; and
John Randolph, DVM, DACVIM*

Hyperthyroidism and chronic renal disease are common diseases of senior cats and may occur together. This presents challenges for the practitioner, as diagnosis of chronic renal disease can be difficult in the hyperthyroid cat. In addition, the treatment of these concurrent diseases may require a delicate balancing act. However, the survival of these patients is similar to cats without concurrent disease, so the practitioner should be prepared to tackle management of both diseases.

10:20-1:00

CPR Lab: An Interactive, Simulation-based Approach

[Limited to 20 veterinarians and VTs]

*Daniel Fletcher, DVM, PhD, DACVECC
and Pati Kirch, LVT*

Do you feel confident that you are prepared to deal with a patient experiencing cardiopulmonary arrest using the most up to date, evidence-based approaches? This highly interactive lab using high fidelity canine simulators will allow participants to learn and practice the newly published evidence-based veterinary CPR guidelines. Veterinarians and technicians are welcome.

11:20-12:10

Movement Disorders: How to Make Sense of the Alphabet Soup

Sofia Cerda-Gonzalez, DVM, DACVIM

Few neurologic conditions have as many potentially overlapping and confusing terms associated with them as do movement disorders, including hypertonicity syndrome, dyskinesia, and myokymia. Despite their clinical similarities, these disorders range widely in their pathophysiology, from muscle ion channel disorders to abnormalities in neurotransmitter levels. This talk will discuss the meaning behind the terminology, as well as the pathophysi-

ology and clinical profile of common movement disorders such as myotonia, "Scottish Terrier Cramps" and "Dancing Doberman disease".

11:20-1:00

Grab Bag: Top Ten Questions from General Practitioners About Shelter Medicine

[Applicable for VTs]

*Jan Scarlett, DVM, MPH, PhD and
Elizabeth Berliner, MA, DVM*

The Maddie's Shelter Medicine Program at Cornell University has an email and consultation service open not only to shelter staff, but to medical professionals and volunteers working with animal shelters, rescue groups, and foster programs. In a tag-team approach, Drs. Berliner and Scarlett will discuss some of the most common questions that they receive from veterinarians, technicians, and medical staff.

11:20-12:10

Hyperthyroidism Summit — What's the Best Treatment for Hyperthyroidism?

[Applicable for VTs]

*Mark Peterson, DVM, DACVIM;
Michael Broome, DVM, MS, DABVP;
Susan Little, DVM, DABVP;
Nathan Dykes, DVM, DACVR; and
John Randolph, DVM, DACVIM*

In cats, hyperthyroidism can be treated in 4 ways: chronic administration of an antithyroid drug, surgical thyroidectomy, radioactive iodine (¹³¹I), or lifelong feeding of an ultra-low iodine diet. The treatment of choice for each cat should be individualized, based on the age, presence of concurrent kidney disease or other major medical problems, availability of a skilled surgeon or radioiodine treatment facility, and owner's preference for "control" vs cure of the disease. This session will review the major advantages and disadvantages of each of these treatment options.

12:10-1:00

Intracranial Neurologic Emergencies: Head Trauma, Status Epilepticus, and Bacterial Meningoencephalitis

Sofia Cerda-Gonzalez, DVM, DACVIM

This talk will discuss the mechanisms involved in neurologic deterioration following head trauma, such as increased intracranial pressure and hematoma formation. Monitoring and treatment for these conditions, as well as management of other common neurologic emergencies (status epilepticus, bacterial meningoencephalitis) will be covered as well.

12:10-1:00

Hyperthyroidism Summit — Diagnosis and Treatment of Large Thyroid Masses and Thyroid Carcinoma in Cats

[Applicable for VTs]

*Michael Broome, DVM, MS, DABVP;
Susan Little, DVM, DABVP;
Mark Peterson, DVM, DACVIM;
Nathan Dykes, DVM, DACVR; and
John Randolph, DVM, DACVIM*

Since the recognition of hyperthyroidism in cats in 1979, the medical management of this disease has become increasingly successful due to the availability of antithyroid drugs with lesser toxicities and access to alternate formulations of these drugs. The chronic medical management of hyperthyroid cats leads to increasing thyroid tumor volume and the possibility of malignant transformation. Treatment of hyperthyroid cats with large tumor volumes (+/- thyroid carcinoma) presents unique challenges. This session will review the diagnostic and therapeutic challenges faced when managing cats with larger thyroid tumor volumes.



VETERINARY TECHNICIAN PROGRAM

Saturday, September 29

8:00-8:50

Introduction to Electrocardiography and Rhythm Diagnosis

Marc Kraus, DVM, DACVIM, DACVIM

Review the principles and practices of electrocardiographic interpretation in dogs and cats.

9:00-9:50

Cardiopulmonary Auscultation

Marc Kraus, DVM, DACVIM, DACVIM

This lecture reviews and practices the physical diagnosis of cardiac diseases through thoracic auscultation. Actual heart murmurs (phonocardiograms) will be presented. The following clinical skills will be addressed: 1) review of the salient features of heart sounds and pathophysiology of murmurs; 2) to improve the skill of cardiac auscultation; 3) familiarize participants with examples of common heart murmurs.

10:30-11:20

Compassion Fatigue — The Cost of Caring

Katherine Dobbs, RVT, CVPM, PHR

Knowledge is power, and the more our profession understands about compassion fatigue, the more prepared we will be to identify, prevent, and cope with it in the individual as well as the organization. We begin with complete definitions of the commonly used words compassion, fatigue, stress, and burnout. Then we address the question, “how did we get here?” by exploring the five phases of adjustment to a career in care giving. Specific stressors and satisfiers have been identified for various positions in our profession, including the veterinarian, veterinary technician and assistant, front office staff and practice management. We take a broad look at the main causes of individual compassion fatigue and its symptoms. The session will conclude with the Eight Laws Governing Self Care.

11:30-12:20

Burn Out — Putting Out the Flames

Katherine Dobbs, RVT, CVPM, PHR

Burn Out may be a condition we all can relate to, but have we ever really looked at what causes burnout, and more importantly perhaps, how to reduce it? We start with a checklist to help you identify those troublesome feelings. At one time, our flame was burning bright, and we'll look at what helped us keep the flame. Stress is often the reason our flame begins to dwindle, so we'll take a closer look at stress as well. To identify burnout, we'll explore the symptoms that we carry when we have burnout. Finally we close with hope, that this blazing path we've taken can turn our lives around for the better.

1:30-2:20

Radiation Therapy: A Practical Introduction

Adrian Martin, LVT

This lecture will provide LVTs with an overview of different types of radiation therapy with the primary focus on external beam therapy. Some of the subjects covered will be basic concepts in radiation treatment and planning, the linear accelerator, patient positioning, beam modification, definitive vs palliative treatment, and possible side-effects of treatment.

2:30-3:20

Chemotherapy: A Practical Introduction

Adrian Martin, LVT

This lecture will provide LVTs with an overview of different types, classes, and the mechanism of action of chemotherapeutic agents used in cancer chemotherapy. Proper handling, administration, disposal, and possible side-effects will be discussed.

3:40-4:30

Is Your Disinfectant all It's Cracked Up to be?

Linda Caveney, LVT

What does your disinfectant label tell you? Do environmental factors influence its efficacy? Are all disinfectants equally effective in killing microorganisms? Find out the answers to these commonly asked questions, and learn the characteristics of the categories of available disinfectants and how the Spaulding classification system can help you determine what level of disinfectant is appropriate for specific scenarios.

4:40-5:30

Simple Simon's Guide to Writing an Infection Control Policy for Your Practice

Belinda Thompson, DVM and Linda Caveney, LVT

Writing an infection control policy/plan for your practice may be viewed as an overwhelming task and you don't know where to begin. Using the National Association of State Public Health Veterinarians model infection control plan, you will create a policy during this session for your specific practice. Practical information will be presented to formulate an explicit and well organized document.

Sunday, September 30

8:00-9:50

LAB: ECG Interpretation (case based)

[Limited to 25 veterinary technicians]

Marc Kraus, DVM, DACVIM, DACVIM and Anna Gelzer, DVM, DACVIM, ECVIM

This lab will build upon the principles discussed in the ECG lecture, however the lecture can be taken independently of the lab.

10:20-1:00

Compassion Fatigue Lab

[Limited to 50 veterinary technicians]

Katherine Dobbs, RVT, CVPM, PHR

Take a close look at how you define “compassion fatigue”, how it makes you feel, and why you are here today. Compare compassion fatigue with burnout, and learn the importance of accurate diagnosis. Learn about the 5 Phases caregivers experience, and what you recall from moving through each one. The results of an important survey disclose the stressors and satisfiers we experience in veterinary medicine. Move through the causes of compassion fatigue, and which apply to you. Rate the symptoms of compassion fatigue in yourself, in an effort to understand how to heal. We talk briefly about how compassion fatigue follows us home, to affect our friends and families. Attendees will leave this workshop with the Professional Quality of Life (ProQOL V) test, and the Life Stress Test, to help measure your feelings. Also have the chance to work through many personal exercises to get in tune with your needs, focus on your self-care, begin to heal, and learn how to minimize your compassion fatigue.



EQUINE PROGRAM

Friday,
September 28

8:30-9:20

News Hour

[Applicable for VTs]

Tom Divers, DVM, DACVIM, DACVECC and Norm Ducharme, DMV, MSc, DACVS

The major articles of the year in equine medicine and surgery will be reviewed by the presenters and the clinical significance of the findings briefly discussed while answering questions and comments from attendees. This thoughtful session strives to present the more accurate practitioner's perspective from a surgeon's point of view.

9:30-10:20

Brachytherapy in the Horse

[Applicable for VTs]

William Bradley, DVM

Brachytherapy utilizing the Xofig Brachytherapy unit is proving to be a reasonable therapeutic option for the treatment of some equine tumors. There will be some discussion of the equipment and techniques utilized in administering radiation therapy in this manner. Several cases will be presented including discussion of how treatment protocols for these tumors were developed. Finally there will be some discussion of complications associated with radiation therapy.

11:00-11:25

Cryopreservation of Stallion Semen: Options and Opportunities

[Applicable for VTs]

Robert Gilbert, BVSc, MMed Vet, MRCVS, DACT

Cryopreservation of stallion semen allows preservation of valuable genetic material and insurance against disease and accidents. Different options exist for successful use of frozen semen in horses. In cases where semen is extremely rare, reduced numbers of sperm can be used in several different assisted reproduction procedures including thawing and refreezing in

smaller doses, deep horn insemination, oocyte transfer, in-vitro fertilization of intracytoplasmic sperm injection and more. Pros and cons of these options will be addressed.

11:30-12:20

Infection Causes of Abortions in the Equine

[Applicable for VTs]

Ahmed Tibary, DMV, DSc, PhD, DACT

Infectious causes of abortion in the equine are dominated by bacterial placentitis. The aim of this lecture is to discuss the clinical manifestation of impending infectious abortion, diagnosis and management of the bacterial placentitis to prevent abortion. Diagnosis of abortion will be centered on proper examination of the fetus and placenta and samples, needed for laboratory support to identify the causes of abortion. Preventive measure will also be discussed.

1:30-3:10

LAB A: MRI Foot Problems (case based)

Peter Scrivani, DVM, DACVR and Jonathan Cheetham, VetMB, PhD, DACVS

After a brief introduction to evaluating magnetic resonance images by the speakers, three clinical cases of horses with foot problems will be presented. Participants will review the MRI scans of each case horses to identify abnormalities. In the second half of the session, the MRI scans will be reviewed with the whole group and patient treatment discussed.

1:30-3:10

LAB B: Best Case of the Year Presentations. Patients that Require Follow Up With Their Referring Veterinarian

[Applicable for VTs]

Kathleen Mullen, DVM, MS; Sally Anne Ness, DVM; Hayley Lang, DVM; and Michael Maher, DVM

The Large Animal Medicine and Surgery residents will present a selection of interesting and complex cases they have seen at the Cornell University Equine and Farm Animal Hospital. These cases required collaboration and cooperation with the clients' regular veterinarians throughout the hospitalization, and especially through the follow-up and recovery stages. There will be time for questions and discussion.

3:30-5:10

LAB A: MRI Foot Problems (case based)

Peter Scrivani, DVM, DACVR and Jonathan Cheetham, VetMB, PhD, DACVS

See description under 1:30-3:10 class.

3:30-5:10

LAB B: Best Case of the Year Presentations. Patients That Require Follow Up With Their Referring Veterinarian

[Applicable for VTs]

Kathleen Mullen, DVM, MS; Sally Anne Ness, DVM; Hayley Lang, DVM; and Michael Maher, DVM

See description under 1:30-3:10 class.

Saturday,
September 29

7:00-8:00

NYSVMS Business Meeting

Cafeteria

(Limited to NYSVMS members, includes breakfast)

8:00-9:15

Update on Equine Metabolic Syndrome and Cushing's Disease

[Applicable for VTs]

Nicholas Frank, DVM, PhD, DACVIM

Equine metabolic syndrome (EMS) was first proposed as a syndrome in 2002 and since that time there has been an explosion of information about obesity, insulin resistance, and endocrinopathic laminitis. At the same time, we have also expanded our understanding of equine Cushing's disease, which is better referred to as pituitary pars intermedia dysfunction (PPID). New developments in the diagnosis and management of these important endocrine disorders will be discussed.

9:25-9:50

Techniques for Diagnosis and Treatment of Equine Sinus Disease

[Applicable for VTs]

Richard Hackett, DVM, MS, DACVS

This presentation will provide an overview of procedures commonly used in diagnosis and treatment of disorders affecting the paranasal sinuses in horses. Field applicable techniques such as sinus radiography, sinus centesis, sinoscopy and formalin injection of sinus masses will be described in detail. Flap sinusotomy in standing horses will be highlighted as well.

EQUINE PROGRAM

10:30-11:20

Abdominal Ultrasound in Equine Practice

[Applicable for VTs]

Anthony Pease, DVM, MS, DACVR

This lecture will provide examples and case discussion about the use and optimization of ultrasound to evaluate the abdomen in the equine patient. Time will be spent talking about colic examinations, both pre and post-operative, as well as discussion of foal abdominal ultrasound.

12:30-2:10

LAB A: Equine Metabolic Syndrome and Equine Cushings Disease (case based)

[Applicable for VTs]

Nicholas Frank, DVM, PhD, DACVIM

Recent findings suggest that horses with equine metabolic syndrome (EMS) are predisposed to Cushing's disease. We therefore encounter horses with only EMS or Cushing's disease, but also recognize that these two disorders can occur concurrently. These are more challenging cases to work with, but are very important to identify because one medical problem has layered on top of another and the horse is at risk for laminitis. We will discuss endocrine cases and go through the current recommendations for diagnosis and management.

12:30-2:10

Lab B: CI-C2 Standing CSF Fluid

Anthony Pease, DVM, MS, DACVR and Tom Divers, DVM, DACVIM, DACVECC

This laboratory will provide hands-on experience using ultrasound guidance to obtain cervical cerebrospinal fluid from a standing horse. Participants will practice on cadavers, but the demonstrations will be performed on live horses. Technique, complications and advice will be given to allow this procedure to be performed in the field.

2:30-4:10

Lab A: Equine Metabolic Syndrome and Equine Cushings Disease (case based)

[Applicable for VTs]

Nicholas Frank, DVM, PhD, DACVIM

Repeat of earlier session. See description under 12:30-2:10 class.

2:30-4:10

Lab B: CI-C2 Standing C SF Fluid

Anthony Pease, DVM, MS, DACVR and Tom Divers, DVM, DACVIM, DACVECC

Repeat of earlier session. See description under 12:30-2:10 class.

Practice Management

with Katherine Dobbs, RVT, CVPM, PHR

[All courses are applicable for VTs]

Friday, September 28

11:00-11:50

Creating Team Buy-In: Marketing

Providing a positive client experience is the most important part of any marketing efforts of the practice, but there is much more involved such as monthly promotions, community outreach and appearance of the practice, all the usual marketing items such as brochures and business cards, and more. Learn how to teach the team that they are an essential piece to the practice's marketing plan and how to stand behind the products and services they sell.

12:00-1:00

Creating Team Buy-In: Proactive Client Service

Providing client service excellence can only be accomplished with "proactive" client service, where the team member is thinking two steps ahead to any issues or problems the client may experience. This also includes situations that can be

wrongly interpreted by the client. For example, if the client doesn't realize that cats like to use their private potty when they return home, he or she may assume no litter box was provided! Teach the team to take a proactive approach to pleasing clients.

2:00-2:50

Creating Team Buy-In: Profit and Budget

Employees often wonder why they don't take home a bigger piece of the revenue "pie" made by the veterinary practice. Management knows the profit margin is tough to maintain, but often the team doesn't have an understanding of how their work directly relates to how big the pie becomes. Learn how to teach the team how the budget divides the revenue, how much profit is really being made, and how it is used to further develop the practice and the team members.

3:00-3:50

Creating Team Buy-In: Safety & OSHA

The leadership of a veterinary practice is obligated by law to keep their employees safe. Many of the safety protocols and policies are designated by OSHA, who is also the administrative body that enforces that a safe workplace is provided. The individual employee is encouraged to follow these protocols, yet still it is the responsibility of management to see that they do. Learn how to make the topic of safety of interest and concern to each member of the veterinary team.

4:20-5:10

Creating a Compassionate Culture I

When employees suffer from burnout and compassion fatigue, it can produce a detrimental effect on the organization as a whole. Explore tactics to counteract the negative effects of burnout. Learn the symptoms of organizational compassion fatigue in order to diagnosis this condition in the practice. Many of these symptoms are common management challenges that we

face every day in the practice, never realizing that addressing compassion fatigue can help minimize the issues. This includes absenteeism, inability for teams to work well together, rampant rumors and gossip, and more. Discover ways to create awareness in new hires, monitor the team, and create policies to combat the effects of organizational compassion fatigue.

5:10-6:00

Creating a Compassionate Culture II

Once there is awareness of compassion fatigue either in the team members or the organization as a whole, it is time to act! If your practice does not show symptoms of organizational compassion fatigue now, it may just be a matter of time, so prevention is important. Review how to create or establish a healthy veterinary practice which exhibits a culture of compassion. Share policies that are helping to combat compassion fatigue, and learn more protocols that can help prevent it in the future. Learn how to develop tools designed to compliment your healthy workplace.



BOVINE PROGRAM

Friday, September 28

8:00-8:50

Update on Emerging/Re-emerging Diseases in the Northeast

[Applicable for VTs]

Paul Virkler, DVM

Salmonella Dublin, Anaplasma marginale, and Mycoplasma wenyonii are being diagnosed more frequently in the Northeast and veterinarians need to be on the alert for these diseases. This lecture will provide a brief overview of the clinical presentation and diagnostic testing strategies for these three diseases. Included will be a discussion of a new serology test for Salmonella Dublin.

9:00-9:50

Troubleshooting Dry and Transition Cow Diets

[Applicable for VTs]

Tom Overton, PhD

In this lecture, we will review the major principles for formulating and implementing rations for dairy cows during the dry and transition periods. We will focus particularly on the areas in which these nutritional programs most commonly break in the real world in order to give the practitioner insight into areas to troubleshoot these nutrition programs.

10:30-11:20

Advances in Understanding Bovine Innate-Defense Mechanisms

James Roth, DVM, PhD, DACVM

Innate defense mechanisms are those that are always active and do not require previous exposure to protect the animal from infection. They can be activated within seconds to minutes after microbial invasion. Various stressors tend to reduce the efficacy of the innate defense mechanisms leading to increased susceptibility to infection. The activity of all of these innate defense mechanisms is enhanced if the animal has developed antibody and T-cell-mediated immunity to a specific pathogen.

11:30-12:20

Advances in Understanding Bovine Cell-Mediated Immunity

James Roth, DVM, PhD, DACVM

Cell-mediated immunity is a rather simple label for a broad and complex set of mechanisms that require T-cell activity. The role of T-cells in protection from disease will be briefly reviewed. Data will be presented demonstrating the importance of measuring T-cell activity in cattle when evaluating immunity and vaccine efficacy.

12:20-1:50

Shuttle leaves for Dairy Barn Dedication and Lunch

Dairy track attendees are specially welcomed to attend the new Teaching Dairy Barn dedication and luncheon.

2:00-2:50

Vaccines for FMD and Other Foreign Animal Diseases of Cattle

[Applicable for VTs]

James Roth, DVM, PhD, DACVM

The livestock industry and the U.S. economy are highly vulnerable to the introduction of foreign animal diseases, especially foot and mouth disease. An outbreak of FMD could spread rapidly and exceed the capacity for stamping out, requiring the use of vaccine for control. The considerations for use of FMD vaccine will be reviewed. Vaccines for Rift Valley Fever, a zoonotic disease of ruminants, will also be discussed.

3:00-3:50

Development of a Secure Milk Supply Business Continuity Plan in the Event of a FMD Outbreak

[Applicable for VTs]

James Roth, DVM, PhD, DACVM

In the event FMD is diagnosed in the U.S. livestock and allied industries will feel the immediate impacts of animal quarantines, increased testing, and product movement restrictions. The just-in-time supply practices of milk movement in the U.S. could result in significant interruptions of milk and milk products to consumers, as well as create significant milk disposal and animal welfare issues on dairies. The Secure Milk Supply (SMS) Plan is currently under development with the input of industry and animal health officials.

4:10-5:10

New Research in Dry Cow Vaccination

[Applicable for VTs]

Abhijit Gurjar, DVM, PhD

Association between lymphocyte phenotype and cytokines profile in response to intramammary coliform challenge in late gestation to understand the complex network of innate immune response during the transition period from late gestation to early lactation.

Saturday, September 29

7:00-8:00

NYSVMS Business Meeting

Cafeteria

(Limited to NYSVMS members, includes breakfast)

8:00-8:50

Animal Drug Residues and the Dairy Industry

[Applicable for VTs]

Craig Shultz, DVM

This lecture will provide bovine veterinarians an overview of market cow tissue residue surveillance in the United States. A detailed outline of the process of residue sampling at a slaughter plant will be outlined to provide clarity to the practitioner and the Hazard Analysis and Critical Control Point (HACCP) based inspection feedback loop from slaughter plant to producer explained.

9:00-9:40

WET LAB - Common Dairy Cow Conditions Associated with Slaughter Plant Condemnations

Gerald Duhamel, DVM, PhD, DACVP and Craig Shultz, DVM

This wet lab will review common conditions leading to slaughter plant condemnation of dairy cows by US Department of Agriculture Food Safety Inspection Service (FSIS). Special emphasis will be placed on examination of gross postmortem specimens demonstrating common pathological conditions, discussion of lesion significance in relationship to condemnation decision and how veterinarians can prevent occurrence of cow condemnation at slaughter.



CAMELID/SMALL RUMINANT PROGRAM

Saturday,
September 29

7:00-8:00

NYSVMS Business Meeting

Cafeteria

(Limited to NYSVMS members, includes breakfast)

8:00-8:50

Normal and Abnormal Reproductive Ultrasonography in Male and Female Camelids

[Applicable for VTs]

Ahmed Tibary, DMV, DSc, PhD, DACT

Ultrasonography is the single most important diagnostic imaging in theriogenology. The technical and interpretive skill is required for any reproductive evaluation of camelid infertility. The objectives of this lecture are to review the equipment needed, the anatomy of the reproductive organs and their ultrasonography characteristics during physiological as well as pathological states in the male and the female. The lectures will be richly illustrated by specific case imaging.

9:00-9:50

Pregnancy Loss and Abortion in Camelid

[Applicable for VTs]

Ahmed Tibary, DMV, DSc, PhD, DACT

Pregnancy loss is the second most common complaint in camelid theriogenology practice and represents about 25% of all cases. The objective of this lecture is to present an approach to diagnosis of causes of pregnancy loss and abortion including pathological and laboratory examination of the fetus and placenta. The epidemiology of the major causes of abortion and their prevention will be discussed.

10:30-11:20

Reproductive Surgeries in Male and Female

Ahmed Tibary, DMV, DSc, PhD, DACT

Several surgeries are performed on the camelid reproductive tract for management or therapeutic purposes. This presentation will review in detail the anesthetic protocols, and surgical approach to the most common surgeries. In the female, a detailed review of cesarean section in the field and in hospital will be provided. Other surgeries, such as ovariectomy and third degree perineal laceration will be discussed. In the male, the focus will be on methods of sterilization (castration and vasectomy).

12:30-1:20

Cria Management and Emergencies

[Applicable for VTs]

Ahmed Tibary, DMV, DSc, PhD, DACT

Neonatal losses are a common problem in camelid practice. Most of these losses occur in the first week of life and of these about half occur in the first 2 days of life. The objective of these lectures are to provide the practitioner with information needed to identify the at-risk cria.

1:30-2:20

Fundamental Plans for Sheep and Goat Nutrition

[Applicable for VTs]

Robert Van Saun, DVM, MS, PhD, DACT, DACVN

This presentation will address the fundamental issues of proper feeding programs in meeting the nutritional needs of small ruminants. Issues relative to water, forage, and protein requirements and consequences of forage quality will be addressed. Some basic guidelines for evaluating small ruminant diets will be detailed.

2:30-3:20

Mineral Nutrition and Supplement Usage

[Applicable for VTs]

Robert Van Saun, DVM, MS, PhD, DACT, DACVN

This presentation will provide the practitioner with an overview of critical mineral nutrients relative to their potential disease risks for small ruminants. Information contained within a feed supplement label and how this information can be used to evaluate adequacy or appropriateness of a given supplement will be addressed to help evaluate mineral programs.

3:40-4:30

Nutritional Pathogenesis and Prevention of Urolithiasis

[Applicable for VTs]

Robert Van Saun, DVM, MS, PhD, DACT, DACVN

Development of urinary calculi is a commonly observed condition in small ruminant species. Dietary composition and the animal's nutritional status are critical factors in the pathogenesis of urolithiasis and understanding how to prevent the disease. This presentation will review critical factors associated with urolith formation in small ruminants. Role of nutritional factors relative to pathogenesis and preventive practices will be highlighted.

4:30-5:20

Pregnancy Toxemia and the Metabolic Changes of Transition

[Applicable for VTs]

Robert Van Saun, DVM, MS, PhD, DACT, DACVN

This presentation will review the critical metabolic adaptations necessary for successful transition in small ruminant species and highlight the critical role of nutrition relative to the success or failure of this process. Critical control points in managing the transition period through nutritional interventions will be characterized. Practical nutritional evaluation criteria and diagnostic tools will be discussed.

Sunday, September 30

8:00-8:50

Update on Emerging Issues for Small Ruminants and Camelids

[Applicable for VTs]

Mary Smith, BS, DVM, DACT

Hear the latest news on infectious diseases such as Q fever and Schmallenberg virus, testing for inherited resistance to ovine progressive pneumonia, and improving CAE control programs. Learn how and why owners are giving copper oxide wire particles to their animals. Consider the potential toxicity of commonly used products such as albendazole, florfenicol, and selenium. Audience participation will be encouraged while exploring treatment options for common and not so common conditions.

9:00-9:50

Lions and Sheep and Goats, Oh My! Small Ruminant Cases Worth Writing Home About

[Applicable for VTs]

Sally Anne Ness, DVM

A series of interesting and challenging small ruminant cases that have presented to Cornell University Farm Animal Hospital over the past year will be reviewed. Clinical findings, diagnostic plan, treatment and outcome, as well as options for identifying and treating similar cases in the field, will be presented.

10:20-1:00

LAB: Sheep Ultrasound

Robert Gilbert, BVSc, MMed Vet, MRCVS, DACT;

S. H. Cheong, DVM, PhD, DACT; Sonya Lawlis, DVM; and Whitney Brown, DVM

Ultrasonographic diagnosis of pregnancy in sheep allows identification of non-pregnant ewes and those carrying singletons, twins or triplets, thus allowing appropriate management of each group. Techniques for ultrasonography will be demonstrated and participants will have the opportunity to practice.

New York State
Veterinary Medical Society

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New York State Veterinary Conference



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