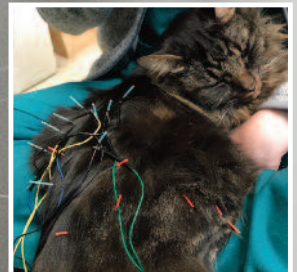


AMERICAN ASSOCIATION OF FELINE PRACTITIONERS

Anesthesia, Analgesia, & Surgery



OFFICIAL PROGRAM BOOK



September 30 – October 3, 2021
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We would like to recognize and thank the following companies for their sponsorships.



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Welcome Reception; Two Lunch & Learns with Speakers Dr. Mark Acierno and Dr. Catharine Scott-Moncrieff; Conference Tote Bags and Giveaway



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Exhibitor Happy Hour; Two Lunch & Learns with Speakers Dr. Eric Morissette and Dr. Elizabeth Colleran; Speaker Dr. Tamara Grubb; Speaker Dr. Duncan Lascelles; Speaker Dr. Kristin Shaw



Gold Partnership Sponsor

Pre-conference Day Early Morning Learning Sessions with Speakers Dr. Valarie Tynes and Dr. Natalie Marks; Feline-Friendly Handling & Interactions: Evidence-based Techniques, Dr. Ilona Rodan



Gold Partnership Sponsor

Offsite Event; Purrfecting Your Acute Pain Assessment Skills, Dr. Sheilah Robertson; Hotel Key Cards



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Feline-Friendly Handling & Interactions: Evidence-based Techniques, Dr. Ilona Rodan



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Speaker Dr. Robin Downing

Conference Partners



President's Welcome 2021



Welcome to the 2021 AAFP Annual Conference!

I am delighted to be able to welcome you in-person and virtually. Last year the AAFP and its members were exploring new territory in a fully virtual conference. With the amazing success of that virtual platform, and the ever-changing face of the pandemic (PIVOT!), we were able to plan and offer a hybrid event including both virtual and in-person options. We have put together the best of both worlds, something we probably never imagined possible in pre-pandemic days. That is pivoting at its finest, in my opinion!

This is my second annual conference as President of the AAFP, which is also an unprecedented event. This means that I have had a second opportunity to work with our wonderful Conference Task Force in the development of this year's conference, and that I get the pleasure of introducing the new President of the AAFP, Michelle Meyer.

Our conference theme this year is *Anesthesia, Analgesia & Surgery*. The Conference Task Force was very excited about this theme from the outset, and we had no shortage of enthusiasm and ideas. It turns out our biggest challenge was to fit so much great CE into a few days.

There is no question that the veterinary profession is becoming increasingly aware of feline pain and how to prevent, treat, and manage it. Our understanding of how pain negatively impacts the mental well-being of cats is unfolding. We are also advancing daily in the management of cats under anesthesia and enhancing our skills and abilities in feline surgery. This conference offers a one-stop shop for all of us to brush up on our knowledge, expand our understanding, and gain expertise in these critical areas.

Sessions on anesthesia and analgesia will include content such as peri-operative safety and pain management, local block techniques, orthopedic examination, identifying and managing osteoarthritis pain, maladaptive pain, anesthesia/analgesia for cats with endocrine comorbidities, beyond opioids and NSAIDs, euthanasia sedation protocols, and much more.

Surgical sessions will include anesthesia and surgery tips for common but sometimes tricky cases, visceral organ biopsy, wound management, perineal urethrostomy, managing feline ear polyps, and updates on feline chylothorax. Surgery of the gastrointestinal tract topics include surgery of the pancreas, liver and biliary system, subtotal colectomy, and colopexy.

As usual, we have a line-up of world class speakers who are ready to share this information with us. I am extremely pleased to have our opening speaker, Dr. Tamara Grubb, kick off our sessions with a discussion on 'The Intertwine of Fear and Pain: A Spinning Wheel with Implications for Cats and their Caregivers.' I can't think of a more suitable way to start this conference!

We also have our Pre-conference Day which will provide a myriad of additional feline topics such as feline behavioral needs, feline uroliths, Antimicrobial Use Guidelines, vaccination, diagnostics tests for infectious disease, and much more. For our in-person attendees, we hope you use this opportunity to connect with others passionate about feline medicine. And, don't forget, all attendees have access to live-streamed and on-demand CE until June 2022!

I would like to extend a huge thank you to the sponsors who have generously made this event - virtual and in person - a reality. Thank you to Royal Canin, Boehringer Ingelheim, Zoetis Petcare, Ceva, Elanco, Merck Animal Health, Idexx, Hill's Pet Nutrition, Purina Pro Plan Veterinary Diets, Dechra Veterinary Products, VetStem Biopharma, Sleepypod, and Morris Animal Foundation. A big thank you to our conference partners ABVP, EveryCAT, IAAHPC, IVAPM, and NAVTA.

We hope you will join us next year in Pittsburgh, PA from October 27 – 30, 2022 for our Annual Conference which is themed *Enriching Feline Care and the Veterinary Experience: Integrating and Improving Cat Friendly Techniques, Medicine, Environment, Interactions, Marketing, & Homes*.

Kelly A. St. Denis, MSc, DVM, ABVP (Feline)
2020-21 AAFP President

TABLE OF CONTENTS

Sponsors	2
Welcome	3
Agenda	7
Session Abstracts	15
Hotel Floor Plan	26
Exhibitor Floor Plan	27
Important Information	28
Exhibitor Bios	31
CE Form	41

2021 Conference Speakers

Mark Acierno, DVM, MBA, DACVIM
Elizabeth Colleran, DVM, MS, DABVP (Feline)
C. Guillermo Couto, DVM, DACVIM
Harold Davis, RVT, VTS (ECC) (Anesthesia/Analgesia)
Robin Downing, DVM, MS, DAAPM, DACVSMR, CVPP, CCRP
Mark Epstein, DVM, DABVP, CVPP
Alison Gottlieb, BS, CVT, VTS (ECC)
Tammy Grubb, DVM, PhD, DACVAA
Margaret Gruen, DVM, MVPH, PhD, DACVB
Robert Harman, DVM, MPVM
Dennis Keith, DVM, DACVR
Michael Lappin, DVM, PhD, DACVIM
Duncan Lascelles, BSc, BVSc, PhD, FRCVS, CVA, DSAS(ST), DECVS, DACVS
Robert Lavan, MS, MPVM, DVM, DACVPM
Jody Lulich, DVM, PhD, DACVIM
Jessica Markovich, DVM, DACVIM, DACVN
Natalie Marks, DVM, CVJ
Eric Morissette, DVM, DACVP (Clinical)
Heidi Reuss-Lamky, LVT, VTS (Anesthesia/Analgesia, Surgery), FFCP
Sheilah Robertson, BVMS (Hons), PhD, DACVAA, DECVAA, DACAW, DECAWBM (WSEL)
Ilona Rodan, DVM, DABVP (Feline), CCBC, IABC
Catharine Scott-Moncreiff, MA, VMB, MS, MRCVS, DACVIM, DECVIM, DSAM
Howard Seim, DVM, DACVS
Kristin Shaw, DVM, MS, PhD, DACVS, DACVSMR
Bradley Simon, DVM, MS, DACVAA
Carolyn Spivock, RVT
Bryden Stanley, BVMS, MVetSc, MANZCVS, MRCVS, DACVS
Jane Sykes, BVSc (Hons), PhD, MBA, DACVIM (SAIM)
Valarie Tynes, DVM, DACVB, DACAW

2021 AAFP Board of Directors

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2021 AAFP Conference Task Force

The AAFP would like to thank the following for all their hard work, dedication, and time in helping to make this conference a success.

Dr. Colleen Currigan
Dr. Vincent Fleming
Ms. Alison Gottlieb
Dr. Amy Keith
Dr. Michelle Meyer
Dr. Evelyn Richer
Dr. Kelly St. Denis

During this difficult and uncharted time, we ask for respect and professional courtesy. Everyone has different comfort levels and we appreciate that you honor everyone's personal space and interaction preferences.

Masks at the Conference

Masks are required at the 2021 AAFP Conference in the entire meeting space. Masks should cover your nose and mouth, fit snugly against the side of your face, and be secured under your chin. Anyone who does not comply will be asked to leave the event. You can find disposable face masks at the Registration Counters if you need more.

Health and Symptoms

If you do not feel well, please do not enter the conference space. If you develop symptoms while at the Conference, please discontinue your attendance at the meeting and immediately self-quarantine except to get medical advice and care. If you are not feeling well, please join us on the virtual platform.

Interaction and Best Practices

- Participants are asked to utilize a "no handshake" policy and instead utilize an elbow tap if you are so inclined. Even if your smile isn't visible, it can usually be seen in your eyes ('smeyes') or heard in the tone of your voice.
- All participants are asked to practice social distancing when interacting with others.
- You are strongly encouraged to wash your hands frequently and use hand sanitizer when unable.

Meals and Receptions

- Seating for meals will include limited chairs at each table. Participants may not remove their mask and walk around to eat.
- To ensure food safety, most meals will not be served buffet-style. Instead, food options will be served in individually boxed containers or will be served by an attendant behind a plexiglass divider.
- Disposable flatware, napkins, and plates will be utilized. Products made of renewable, recycled content will be used where possible. Personal consumption condiments will be utilized. Water stations and coolers will be eliminated and touchless water bottle refill stations are located throughout the facility.

Ballroom Seating

- Majority of seating for the conference will be classroom style to allow for social distancing between chairs. If seating is provided without tables, the chairs may be grouped in a set of three and only one individual should be seated in a group of three.
- Speakers will be permitted to remove their masks while speaking if they maintain distance and do not walk near the audience while presenting.

Recharge Room

Attendees can use this space to take a break or eat/drink by yourself in order to take off your mask and not be close to others. To accommodate everyone's comfort level, this space will provide tables spaced more than 6 feet apart with only one chair at each table to ensure appropriate social distancing. Visit the AAFP Recharge Room located in room 131A-C. The maximum capacity for this room will be posted outside the doors. If you are part of a family cohort, you are permitted to sit with one another.

Yoga

The hotel facilities will be marking the floors to ensure 6-foot social distancing. Masks are strongly recommended, but do not have to be worn during Yoga activity as long as you maintain at least 6 feet apart.

Cleaning Procedures

More information on cleaning procedures, details about removing touch points, and catering safety can be found at www.catvets.com/2021safety.

Post Event Communication

If within two weeks of attending the AAFP Conference you suspect you are ill with COVID-19 and/or test positive, please notify us immediately at conference@catvets.com.



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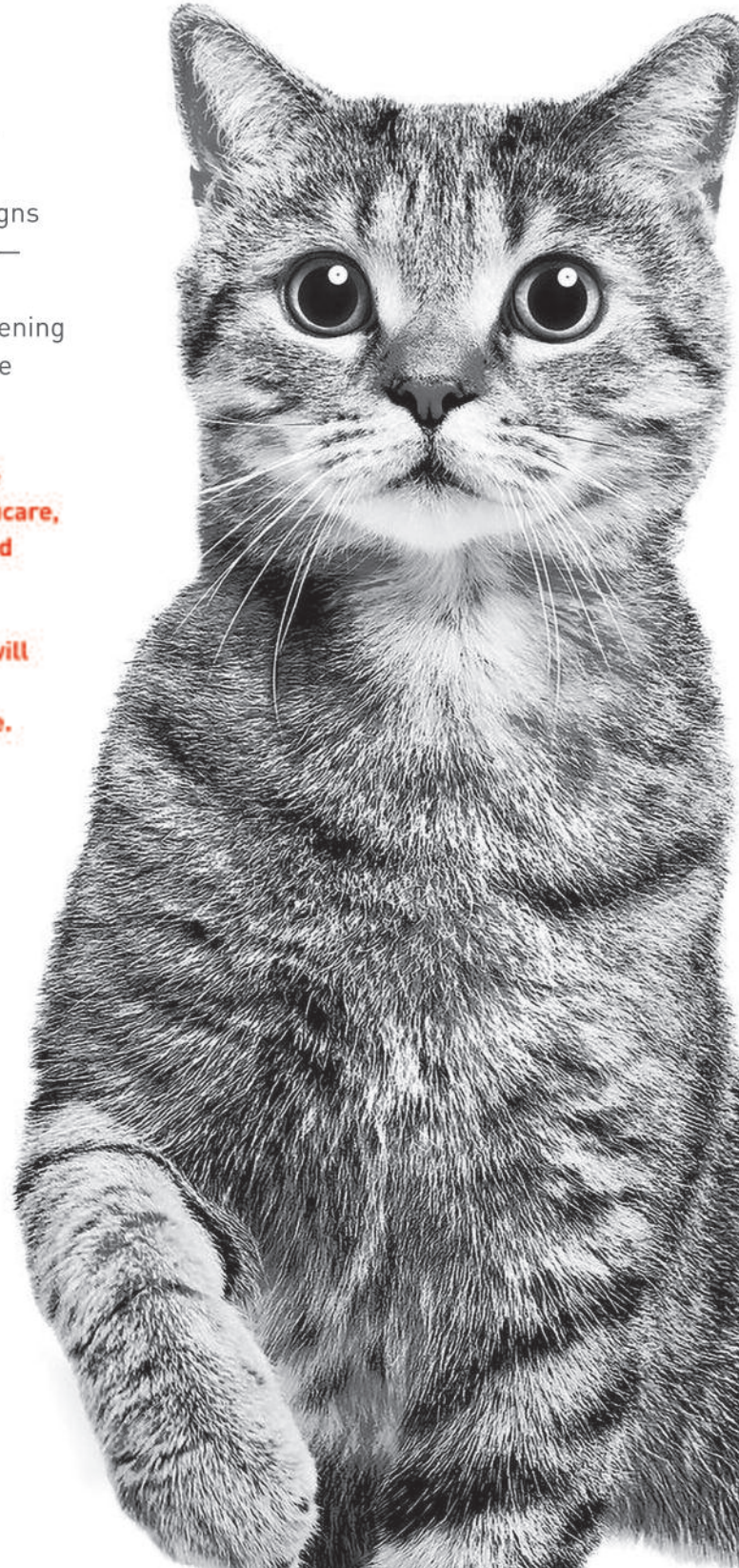
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1. Zimmering T. EASY Programme. In: SEVC Proceedings; 2015.













2. SEMINTRA® (telmisartan oral solution) Prescribing Information. Boehringer Ingelheim Vetmedica, Inc. 2018.



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Pre-conference Day

Schedule is in Mountain Standard Time (same as Pacific Daylight Time over these dates)

TIME	SESSION TITLE	SPEAKER	ROOM	SPONSOR/ PARTNER
PRE-CONFERENCE DAY*				
9:30 - 11:45 am	Early Morning Learning Sessions			
9:30 - 10:45 am	Providing for the Behavioral Needs of Each Cat LS	Dr. Valarie Tynes	North Ballroom AB	
10:50 - 11:45 am	The New Cat Parent: How to Exceed their Expectations for Feline Healthcare & Wellbeing LS	Dr. Natalie Marks	North Ballroom AB	
11:45 - 1:15 pm	Food for Thought Luncheon			
12:15 - 1:15 pm	To Cut or Not to Cut: Incorporating New Technologies & Avoiding the Pitfalls in the Treatment of Feline Uroliths LS	Dr. Jody Lulich	North Ballroom AB	
1:30 - 5:30 pm	ABVP/AAFP Seminar & Social			
1:30 - 2:20 pm	ISCAID Antimicrobial Use Guidelines: Which Antimicrobial, What Dose, & For How Long? LS	Dr. Jane Sykes	North Ballroom AB	
2:20 - 3:15 pm	Current Concepts in Feline Vaccination LS	Dr. Jane Sykes	North Ballroom AB	 
3:15 - 3:45 pm	Refreshment Break		North Ballroom CD	
3:45 - 4:35 pm	Is a Positive Really Negative? Interpretation of Diagnostic Tests for Infectious Diseases LS	Dr. Jane Sykes	North Ballroom AB	 
4:35 - 5:30 pm	Update on Feline Viral Infections: Pearls of Wisdom LS	Dr. Jane Sykes	North Ballroom AB	 
5:30 - 7:00 pm	Welcome Reception <i>All attendees invited</i>		North Ballroom Foyer	

*Pre-conference Day Registration Required. Additional fees apply.

Sessions and speakers are subject to change.

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Hour**

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Schedule is in Mountain Standard Time (same as Pacific Daylight Time over these dates)

TIME	SESSION TITLE	SPEAKER	ROOM	SPONSOR/ PARTNER
6:00 - 7:00 am	Early Riser Yoga Class*		Sheraton Hotel - Paradise Valley	
7:15 - 8:00 am	Continental Breakfast		North Ballroom Foyer	
8:00 - 8:15 am	President's Address LS	Dr. Kelly St. Denis	North Ballroom A - D	
8:15 - 9:15 am	The Intertwine of Fear & Pain: A Spinning Wheel with Implications for Cats & Their Caregivers LS	Dr. Tamara Grubb	North Ballroom A - D	ZOETIS PETCARE 
9:15 - 10:45 am	Networking Refreshment Break		Exhibit Hall	
10:45 - 11:35 am	Purfecting Your Acute Pain Assessment Skills LS	Dr. Sheilah Robertson	North Ballroom AB	
	Having the Nerve: Local Anesthetic Techniques You Should be Using - Part 1 LS	Dr. Mark Epstein	North Ballroom CD	 
11:40 - 12:30 pm	A Pain Most Malicious: Understanding, Preventing, & Treating Maladaptive Pain LS	Dr. Tamara Grubb	North Ballroom AB	ZOETIS PETCARE 
	Having the Nerve: Local Anesthetic Techniques You Should be Using - Part 2 LS	Dr. Mark Epstein	North Ballroom CD	 
12:30 - 2:00 pm	Lunch		Exhibit Hall	
12:45 - 1:45 pm	Lunch & Learn #1:* What the Guidelines Say on Identifying, Evaluating, & Managing Feline Hypertension	Dr. Mark Acierno	121A-C	
12:45 - 1:45 pm	Lunch & Learn #2:* What is Your Patient Telling You? Integrate All the Moving Parts	Dr. Guillermo Couto	122A-C	
12:45 - 1:45 pm	Lunch & Learn #3:* Don't Stress! Practical Management of Feline Lower Urinary Tract Disease	Dr. Jessica Markovich	124AB	
12:45 - 1:45 pm	Lunch & Learn #4:* Identifying & Treating Chronic OA Pain: Help is on the Way!	Dr. Elizabeth Colleran	126A-C	ZOETIS PETCARE
2:00 - 2:50 pm	I'm Old, Painful, & My Mouth Hurts: Dental & Other Protocols for Patients with Pre-existing Pain LS	Dr. Tamara Grubb	North Ballroom AB	ZOETIS PETCARE 
	Feline Pain Management Beyond Opioids & NSAIDs: Part 1 LS	Dr. Mark Epstein	North Ballroom CD	
2:55 - 3:45 pm	Anesthesia & Analgesia for Cats with Cardiac and/or Airway Comorbidities LS	Dr. Tamara Grubb	North Ballroom AB	ZOETIS PETCARE 
	Feline Pain Management Beyond Opioids & NSAIDs: Part 2 LS	Dr. Mark Epstein	North Ballroom CD	
3:45 - 4:40 pm	Networking Refreshment Break		Exhibit Hall	
4:40 - 5:30 pm	Anesthesia & Analgesia for Cats with Endocrine Comorbidities LS	Dr. Tamara Grubb	North Ballroom AB	ZOETIS PETCARE 
	Is Your Anesthetized Patient in Trouble? LS	Dr. Sheilah Robertson	North Ballroom CD	
5:30 - 6:45 pm	Happy Hour Reception		Exhibit Hall	ZOETIS PETCARE

*Separate Registration Required. No fees associated.

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Schedule is in Mountain Standard Time (same as Pacific Daylight Time over these dates)

TIME	SESSION TITLE	SPEAKER	ROOM	SPONSOR/ PARTNER
6:00 - 7:00 am	Early Riser Yoga Class*		Sheraton Hotel - Paradise Valley	
7:00 - 8:00 am	Breakfast		Exhibit Hall	
8:00 - 9:00 am	The Whole Package: Anesthesia & Surgery Tips for Common but Sometimes Tricky Cases LS	Drs. Sheilah Robertson & Bryden Stanley	North Ballroom A - D	
9:05 - 10:00 am	Intestinal Anastomosis: Tips to Make it Easier LS NOD	Dr. Howard Seim	North Ballroom A - D	
10:00 - 11:00 am	Networking Refreshment Break		Exhibit Hall	
10:25 - 10:50 am	AAFP Membership Meeting LS		North Ballroom AB	
11:00 - 11:50 am	Making End of Life Decisions LS	Dr. Sheilah Robertson	North Ballroom AB	
	Visceral Organ Biopsy LS NOD	Dr. Howard Seim	North Ballroom CD	
11:55 - 12:45 pm	The Last Appointment: How to Navigate Smoothly Through Euthanasia Appointments LS	Dr. Sheilah Robertson	North Ballroom AB	
	Surgery of the Pancreas, Liver, & Biliary System LS NOD	Dr. Howard Seim	North Ballroom CD	
12:45 - 2:15 pm	Lunch		Exhibit Hall	
1:00 - 2:00 pm	Lunch & Learn #1:* Monitoring the Difficult Diabetic Cat: Role of Continuous Glucose Monitoring	Dr. Catharine Scott-Moncrieff	121A-C	
1:00 - 2:00 pm	Lunch & Learn #2:* Enhancing Compliance & Reducing Stress: A Modern Perspective on Feline Parasite Protection	Dr. Robert Lavan	122A-C	
1:00 - 2:00 pm	Lunch & Learn #3:* Digital Cytopathology: Real-time Expert Help in Your Everyday Practice	Dr. Eric Morissette	124AB	
2:15 - 3:05 pm	Creating a Culture of Perioperative Safety in your Clinic LS	Drs. Sheilah Robertson & Bryden Stanley	North Ballroom AB	
2:15 - 2:40 pm	Wound Management Secrets LS NOD	Dr. Howard Seim	North Ballroom CD	
2:40 - 3:05 pm	Managing Feline Ear Polyps LS NOD	Dr. Howard Seim	North Ballroom CD	
3:10 - 4:00 pm	The Whole Package: Anesthesia & Surgery Tips for Common but Sometimes Tricky Cases in Kittens & Young Cats LS	Drs. Sheilah Robertson & Bryden Stanley	North Ballroom AB	
3:10 - 3:35 pm	Feline Subtotal Colectomy LS NOD	Dr. Howard Seim	North Ballroom CD	
3:35 - 4:00 pm	Colopexy for the Treatment of Recurrent Rectal Prolapse LS NOD	Dr. Howard Seim	North Ballroom CD	
4:05 - 4:25 pm	Oral Abstract Session: False Positive FeLV ELISA Results in Cats With Hemolytic Disease LS	Dr. Matthew Kornya	North Ballroom AB	
4:05 - 4:45 pm	Why Being a Cat Friendly Practice Matters		North Ballroom CD	
6:30 - 10:30 pm	A Feline Fete Offsite Event**			

*Separate Registration Required. No fees associated.

**Separate Registration Required. Additional fees apply.

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Please Note: Dr. Seim's lectures will not be available on-demand after the in-person presentation or live-streaming for virtual attendees.

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**4/10 cats in the control group maintained or gained weight. A multi-center, placebo-controlled, randomized and masked field study including 176 cats with CKD and at least 5% unintended loss of body weight (as compared to the highest weight in the medical records for the 3 years preceding enrollment). Study period was 56 days (Day 0 – Day 55). Primary endpoint was percent change in weight from Day 0 to Day 55. CKD, chronic kidney disease.


1. Elura Freedom of Information Summary. NADA 141-536. 2020.

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Elanco

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TIME	SESSION TITLE	SPEAKER	ROOM	SPONSOR/ PARTNER
6:15 - 7:15 am	Early Riser Yoga Class*		Sheraton Hotel - Paradise Valley	
7:30 - 8:30 am	Breakfast		Exhibit Hall	
8:30 - 9:20 am	Detecting, Diagnosing, & Monitoring Feline OA Pain: A Practical Approach LS	Dr. Duncan Lascelles	North Ballroom A - D	ZOETIS PETCARE 
9:25 - 10:15 am	NSAIDs for Chronic Pain Control in Cats: An Update LS	Dr. Duncan Lascelles	North Ballroom A - D	ZOETIS PETCARE 
10:15 - 10:45 am	Networking Refreshment Break		Exhibit Hall	
10:45 - 11:35 am	How to Perform a Successful Orthopedic Examination LS	Dr. Duncan Lascelles	North Ballroom AB	ZOETIS PETCARE 
	Perineal Urethrostomy & Other Options in Cats with FUS LS	Dr. Bryden Stanley	North Ballroom CD	
11:40 - 12:30 pm	Anti-NGF mAbs for Chronic Pain Control: The Science LS	Dr. Duncan Lascelles	North Ballroom AB	ZOETIS PETCARE 
	Revisiting Halsted's Principles (But Not His Habits!): Tips to Better Surgery LS	Dr. Bryden Stanley	North Ballroom CD	
12:30 - 1:45 pm	Lunch		Exhibit Hall	
12:40 - 1:40 pm	Lunch & Learn #1:* Update on the Management of Stress Associated Illness in Cats	Dr. Michael Lappin	121A-C	
12:40 - 1:40 pm	Lunch & Learn #2:* Procedural Sedation & Analgesia in the Cat	Dr. Brad Simon	122A-C	
12:40 - 1:40 pm	Lunch & Learn #3:* Stem Cell Therapy in the Domestic & Exotic Feline: Could This be the Answer to Your Difficult Cases?	Dr. Robert Harman	124AB	
1:45 - 2:35 pm	Anti-NGF mAbs for Chronic Pain Control: The Evidence LS	Dr. Duncan Lascelles	North Ballroom AB	ZOETIS PETCARE 
	Chylothorax: An Update LS	Dr. Bryden Stanley	North Ballroom CD	
2:40 - 3:30 pm	Wearables for Diagnosis & Monitoring of Pain: Where Are We? LS	Dr. Duncan Lascelles	North Ballroom AB	ZOETIS PETCARE 
	Atypical Cutaneous Infections in Cats LS	Dr. Bryden Stanley	North Ballroom CD	
3:30 pm	End of Meeting			

*Separate Registration Required. No fees associated.












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The additional CE Sessions below will be available via on-demand access through the Virtual Platform. Both in-person and virtual attendees will have access to these CE Sessions.

On-demand Sessions

SESSION TITLE	SPEAKER	SPONSOR/PARTNER
Environmental Needs for Cats with DJD: Preserve Access to Promote Comfort	Dr. Margaret Gruen	
Feline-Friendly Handling & Interactions: Evidence-based Techniques	Dr. Ilona Rodan	  
Hands-Free Radiology: Strategy, Training, & Implementation Ideas	Dr. Dennis Keith & Ms. Carolyn Spivock	
What About Cats? Rehabilitation Techniques for Feline Patients	Dr. Kristin Shaw	
Cats Gotta Scratch: The Case Against Feline P3 Amputation	Dr. Robin Downing	 
Managing Chronic Pain Following P3 Amputation	Dr. Robin Downing	 
<i>Oral Abstract</i> - Feline Histoplasmosis: Serology as a Non-Invasive Diagnostic Alternative (No RACE credit)	Dr. Mariana Jardim	
ABVP: Is it for Me? (No RACE credit)	Dr. Amy Hinc	

On-demand Technician/Nurse Sessions

SESSION TITLE	SPEAKER	SPONSOR/PARTNER
Management of the Emergent Feline Patient	Mr. Harold Davis	
Nursing Management of the Urinary Obstructed Cat	Mr. Harold Davis	
Anesthetic Monitors: Understanding Their Use & Limitations	Ms. Heidi Reuss-Lamky	
Who Needs an Anesthetic Plan? YOU DO!	Ms. Heidi Reuss-Lamky	
Purr-fect Feline Anesthesia	Ms. Heidi Reuss-Lamky	
Anesthesia Mistakes Awareness	Ms. Heidi Reuss-Lamky	
Pain Scoring for Dummies	Ms. Heidi Reuss-Lamky	
Detecting Feline Chronic Pain	Ms. Alison Gottlieb	
Treatment of Chronic Pain	Ms. Alison Gottlieb	
Feline Chronic Pain: Getting Cat Owners on Board	Ms. Alison Gottlieb	
Feline Nursing Care for the Hospitalized Patient	Ms. Alison Gottlieb	

See On-demand Session Abstracts on page 18 and 19.

THURSDAY, SEPTEMBER 30, 2021 – PRE-CONFERENCE DAY

- 9:30 – 10:45 am** **Providing for the Behavioral Needs of Each Cat**, *Dr. Valarie Tynes*
 Many behavior problems in cats develop due to our failure to provide them with their behavioral needs. This presentation will review the social structure of the cat and why multi-cat households can be so stressful. Recognizing these signs of stress and how to avoid their development will also be covered. In addition, a variety of tips for meeting the environmental and behavioral needs of the cat will be reviewed.
- 10:50 – 11:45 am** **The New Cat Parent: How to Exceed their Expectations for Feline Healthcare & Wellbeing**, *Dr. Natalie Marks* **LS**
 In this lecture, we will discuss and dissect a new feline pet parent's expectations (especially Millennials) for their journey with the veterinary team. This starts at home with the hospital's digital presence, the desire for communication and resources, and how to provide enrichment and emotional wellbeing. There will also be guidance on what preventive wellness strategies are (such as pet insurance and exam schedules) and how they should be given as resources. As we travel to the hospital, we will discuss how to remove stress and anxiety from both our patients AND their parents, and what the pet parent's expectation is for the exam itself.
- 12:15 – 1:15 pm** **To Cut or Not to Cut: Incorporating New Technologies & Avoiding the Pitfalls in the Treatment of Feline Uroliths**, *Dr. Jody Lulich* **LS**
 This seminar will reveal common mistakes in the diagnosis and prediction of urolith composition. We will introduce an app to help and provide the real significance of crystalluria. Then we will present simple steps to successful struvite dissolution. The seminar will end with a discussion of more nonsurgical methods to remove urocystoliths in cats.
- 1:30 – 2:20 pm** **ISCAID Antimicrobial Use Guidelines: Which Antimicrobial, What Dose, & For How Long?**, *Dr. Jane Sykes* **LS**
 This session will provide an update on antimicrobial use guidelines as they relate to cats. Judicious use of antibiotics, including drug, dose, and duration of treatment for common conditions of cats, will be covered. The ISCAID guidelines for respiratory disease and urinary tract disease will be reviewed, as well as rationale for recommendations. Practical approaches to cases will also be described.
- 2:20 – 3:15 pm** **Current Concepts in Feline Vaccination**, *Dr. Jane Sykes* **LS**
 Recently revised Guidelines for vaccination of cats were published by the AAEP/AAHA. This talk will review the recommendations in the Guidelines. Evidence to support the recommendations will also be discussed. Vaccine types, vaccination frequency, duration of immunity, and adverse effects as they relate to current vaccines will be covered, as well as vaccine selection based on lifestyle. Frequently asked questions as they relate to vaccination of cats will be reviewed.
- 3:45 – 4:35 pm** **Is a Positive Really Negative? Interpretation of Diagnostic Tests for Infectious Diseases**, *Dr. Jane Sykes* **LS**
 Recently there has been an expansion in the number and types of diagnostic tests for infectious diseases, and interpretation of these tests can be confusing for veterinary practitioners. This talk will provide a framework for proper selection and interpretation of diagnostic tests for better patient care. Advantages and disadvantages of different test types will be described, as well as how test methodology and sampling can influence test results.
- 4:35 – 5:30 pm** **Update on Feline Viral Infections: Pearls of Wisdom**, *Dr. Jane Sykes* **LS**
 This session is designed to update the practitioner on new knowledge about FeLV infections, FIV, FIP, feline respiratory viruses, and other emerging feline viruses including SARS-CoV-2. Important aspects of diagnosis, antiviral drug therapy, and prevention will be highlighted. Case material will be used to illustrate concepts.

FRIDAY, OCTOBER 1, 2021

- 8:15 – 9:15 am** **C The Intertwine of Fear & Pain: A Spinning Wheel with Implications for Cats & Their Caregivers**, *Dr. Tamara Grubb* **LS**
 Pain can cause fear, anxiety, and stress (FAS). Unfortunately, FAS can exacerbate pain. This combination of events can negatively impact the health, welfare, and behavior of the patient and can damage the human animal bond. In this session, attendees will explore the FAS/pain interaction. The attendees will leave this session with pharmacologic and nonpharmacologic options for prevention and treatment of FAS/pain and tips for owner education.
- 10:45 – 11:35 am** **A Purrfecting Your Acute Pain Assessment Skills**, *Dr. Sheilah Robertson* **LS**
 Our ability to assess acute pain in cats has improved greatly in recent years. By creating tools based on behaviors of non-painful and painful cats, careful validation and testing, we can be more objective. The Glasgow Composite Measure Pain Scale (GCMPs) uses observation and interaction to determine a pain score and provides a suggested intervention level. The Feline Grimace Scale involves scoring of 5 action units: four on the face plus the position of the head. It correlates well with the GCMPs, is a rapid screening tool, and can be used when interaction is not possible, for example with unsocialized cats. Attendees will learn how to use these tools through the use of images and videos.
- B Having the Nerve: Local Anesthetic Techniques You Should be Using - Part 1** *Dr. Mark Epstein* **LS**
 During this lecture the audience will learn about the rationale and safest, highest, and wisest use of local anesthetics, with an emphasis on local and loco-regional techniques suitable for any clinician to master. Techniques in this session will include incisional, field, and cavity blocks, and methods to extend duration of local anesthetics. The learning objectives are to gain understanding of adjunctive LA mechanisms of action, learn potential toxicities and safe use of LA, and understand clinical use of various LA techniques for soft tissue and abdominal surgery.



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¹Kruger JM, Lulich JP, MacLeay J, et al. Comparison of foods with differing nutritional profiles for long-term management of acute nonobstructive idiopathic cystitis in cats. *J Am Vet Med Assoc.* 2015;247(5):508-517. ²Lulich JP, Kruger JM, MacLeay JM, et al. Efficacy of two commercially available, low-magnesium, urine acidifying dry foods for the dissolution of struvite uroliths in cats. *J Am Vet Med Assoc.* 2013;243(8):1147-1153. Average 27 days in vivo study in urolith forming cats. ³Pereira GG, Frogozo S, Pires E. Effect of dietary intake of L-tryptophan supplementation on multi-housed cats presenting stress related behaviours. In *Proceedings, BSAVA 2010*. *Beala C, Beaumont-Graff E, Coll V, et al. Effect of alpha-cosazepine (Zylkene) on anxiety in cats. *J Vet Behav.* 2007;2(2):40-46. ©2021 Hill's Pet Nutrition, Inc.

Schedule is in Mountain Standard Time (same as Pacific Daylight Time over these dates)

FRIDAY, OCTOBER 1, 2021 continued

- 11:40 – 12:30 pm** **A** **A Pain Most Malicious: Understanding, Preventing, & Treating Maladaptive Pain**, *Dr. Tamara Grubb* **LS**
 Physiologic or 'adaptive' pain is normal and important for survival as a protective mechanism. Maladaptive or 'pathologic' pain is not normal and serves no biologic purpose – it is pain beyond what is needed for protection. Maladaptive pain has a major negative impact on the patient's health, behavior, and welfare. The attendees will leave this session with a thorough understanding of maladaptive pain and knowledge of prevention/treatment strategies, including drug dosages and nonpharmacologic options, for patients with existing or developing maladaptive pain.
- B** **Having the Nerve: Local Anesthetic Techniques You Should be Using - Part 2**, *Dr. Mark Epstein* **LS**
 During this lecture the audience will learn about the rationale and safest, highest, and wisest use of local anesthetics, with an emphasis on local and loco-regional techniques suitable for any clinician to master. Techniques in this session will include sacrococcygeal (caudal epidural), retrobulbar, orofacial and regional nerve blocks. The learning objectives are to understand clinical use of various LA techniques for limb/digit surgery, understand clinical use of retrobulbar regional blocks, understand clinical use of various LA techniques for orofacial surgery, and understand clinical use sacrococcygeal blocks for perineal or tail surgery.
- 12:45 – 1:45 pm**
- Lunch & Learn #1: What the Guidelines Say on Identifying, Evaluating, & Managing Feline Hypertension**, *Dr. Mark Aciermo*
 Hypertension in cats tends to be caused by systemic disease or illness. This session will examine the epidemiology of hypertension in cats, review recommendations for evaluating suspected hypertensive patients, and show how to obtain the most clinically useful blood pressure measurements in practice. The interpretation, classification, and effects of hypertension, including target organ damage that the condition can cause, will be discussed, as will goals of therapy and feline-specific treatment protocols.
- Lunch & Learn #2: What is Your Patient Telling You? Integrate All the Moving Parts**, *Dr. Guillermo Couto*
 A senior cat comes in for a second opinion; they are experiencing weight loss, anorexia, vomiting, diarrhea, or combinations thereof. As we all know, these clinical signs are shared by most of the diseases we see in cats of that age group, including hyperthyroidism, chronic kidney disease (CKD), inflammatory bowel disease (IBD), gastrointestinal lymphoma, pancreatitis, cholangiohepatitis, triaditis, etc. How do we collect, collate, and analyze this information? What is relevant and what is not? In this lecture, Dr. Couto will use cases to illustrate how to get to his destination integrating the clinical data with the results of the CBC, chemistry, and urinalysis, placing more emphasis on the hematologic changes. Basically, he will be thinking out loud as he evaluates each patient.
- Lunch & Learn #3: Don't Stress! Practical Management of Feline Lower Urinary Tract Disease**, *Dr. Jessica Markovich*
 In this presentation, attendees will learn practical management techniques for feline patients with lower urinary tract disease with a special focus on nutritional strategies, and the role they play in a multimodal approach to disease management. Specifically, we will address nutritional supplements, methods to enhance water consumption, feline dietary preferences, and weight loss. We will end with practical options for owners to monitor for disease recurrence at home.
- Lunch & Learn #4: Identifying & Treating Chronic OA Pain: Help is on the Way!**, *Dr. Elizabeth Colleran*
 Identifying and managing feline pain can be a challenge, to say the least! As we know, cats don't tend to be cooperative when we're looking to objectively measure chronic osteoarthritis pain. Even when we can diagnose OA, treatment options are wide-ranging, and getting them into the cat can be frustrating. This session will discuss new tools to help identify signs of chronic pain and review valid treatment options, including pharmaceutical and non-pharmaceutical methods.
- 2:00 – 2:50 pm** **A** **I'm Old, Painful, & My Mouth Hurts: Dental & Other Protocols for Patients with Pre-existing Pain**, *Dr. Tamara Grubb* **LS**
 The potential presence of preexisting pain should be considered when designing protocols undergoing painful procedures like dental extractions. However, responses to drugs may be altered in senior patients with age-related changes. The attendees will leave this session with a thorough understanding of acute-on-chronic pain and the impact of aging on drug choices/doses. Specific anesthesia/analgesia protocols, including doses, will be provided.
- B** **Feline Pain Management Beyond Opioids & NSAIDs: Part 1**, *Dr. Mark Epstein* **LS**
 During this lecture the audience will learn about non-NSAID, non-opioid pain modifying analgesic drugs (PMAD), and their use in cats. Examples include, but are not limited to, parenteral medications such as alpha-2 agonists, subanesthetic ketamine CRI, maropitant, and anti-NGF Monoclonal Antibody. The learning objectives are to gain understanding of adjunctive PMAD mechanisms of action, learn patient populations that would most benefit – or not benefit – from various adjunctive PMADs, and understand clinical use of various PMADs.
- 2:55 – 3:45 pm** **A** **Anesthesia & Analgesia for Cats with Cardiac and/or Airway Comorbidities**, *Dr. Tamara Grubb* **LS**
 Cats with cardiac and/or airway comorbidities can be challenging to safely anesthetize. The attendees will leave this session with anesthesia/analgesia techniques/tips and drug dosages for cats with hypertrophic cardiomyopathy, asthma, and other cardiac/respiratory comorbidities.
- B** **Feline Pain Management Beyond Opioids & NSAIDs: Part 2**, *Dr. Mark Epstein* **LS**
 During this lecture the audience will learn about non-NSAID, non-opioid pain modifying analgesic drugs (PMAD) and their use in cats. Examples include but are not limited to oral medication such as tramadol, gabapentin, amitriptyline, SSNRIs, CBD, and non-pharmacologic intervention. The learning objectives are to gain understanding of adjunctive PMAD mechanisms of action, learn patient populations that would most benefit – or not benefit – from various adjunctive PMADs, and understand clinical use of various PMADs.

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Session Abstracts

Schedule is in Mountain Standard Time
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KEY: **A** TRACK A
B TRACK B
C COMBINED TRACK

LS LIVE STREAMED
NOD NOT AVAILABLE
ON-DEMAND

FRIDAY, OCTOBER 1, 2021 continued

- 4:40 – 5:30 pm** **A** **Anesthesia & Analgesia for Cats with Endocrine Comorbidities**, *Dr. Tamara Grubb* **LS**
Cats with some endocrine comorbidities can be challenging to safely anesthetize. The attendees will leave this session with anesthesia/analgesia techniques/tips and drug dosages for cats with thyroid, pancreatic, and other endocrine comorbidities.
- B** **Is your Anesthetized Patient in Trouble?**, *Dr. Sheilah Robertson* **LS**
An essential part of anesthesia is knowing which vital signs to monitor, how to monitor them, and knowing when and how to intervene if values stray from an acceptable range. Perioperative monitoring covers the time from admission to discharge. Using real cases, attendees will learn how to logically address hypotension, hypoventilation, changes in heart rate, inadequate depth of anesthesia, and prolonged or rough recovery from anesthesia. Most anesthetic deaths occur three hours after the end of anesthesia and tips for preventing problems during this critical period will be shared.

SATURDAY, OCTOBER 2, 2021

- 8:00 – 9:00 am** **C** **The Whole Package: Anesthesia & Surgery Tips for Common but Sometimes Tricky Cases**, *Drs. Sheilah Robertson & Bryden Stanley* **LS**
Feline urethral obstruction is frequently encountered in general and emergency practice. Dependent on the time of the obstruction to the time of presentation, clinical signs vary from mild to severe. Rapid triage is required to determine life-threatening issues due to severe electrolyte (hyperkalemia) and acid–base imbalances. Choosing the right drugs and techniques for sedation, analgesia, or anesthesia is important for a good outcome. Tips and tricks for relieving the obstruction will be shared, along with decision making about performing a cystotomy, or a perineal urethrostomy in repeat offenders.
- 9:05 – 10:00 am** **C** **Intestinal Anastomosis: Tips to Make it Easier**, *Dr. Howard Seim* **LS** **NOD**
When performing an intestinal resection and anastomosis by yourself (i.e., no assistant to help), we will discuss several tips that may make the procedure easier for you. There are a number of alternative techniques that you can consider incorporating that will likely make this common procedure easier and more predictably successful. Video of clinical cases will be used to illustrate these techniques.
- 11:00 – 11:50 am** **A** **Making End of Life Decisions**, *Dr. Sheilah Robertson* **LS**
One of the most common questions we are asked is “when will I know it’s time?” Despite wide usage, the term Quality of Life (QOL) with respect to animals does not have a universally consistent or accepted definition which has hampered our ability to measure it. Helpful working definitions which include physical and mental health will be discussed. Cats cannot self-report therefore we, and their owners, are their proxy. Attendees will learn about disease specific QOL tools and more generic tools that can be used for cats with comorbidities. Attendees will also learn about anticipatory grief and how to conduct a structured patient-centric conversation under difficult circumstances.
- B** **Visceral Organ Biopsy**, *Dr. Howard Seim* **LS** **NOD**
This seminar will illustrate a variety of biopsy techniques of abdominal visceral organs. Discussion will include biopsy techniques used to acquire diagnostic samples of liver, pancreas, and small intestine. Video will be used to illustrate surgical techniques.
- 11:55 – 12:45 pm** **A** **The Last Appointment: How to Navigate Smoothly Through Euthanasia Appointments**, *Dr. Sheilah Robertson* **LS**
There are multiple steps involved in the euthanasia process and each one must be well coordinated. Communication within the team and between the team and owner is essential. Regardless of where the appointment takes place there are some simple tips to create the best possible environment for the cat, owner, and veterinary team. Pre-euthanasia sedation or anesthesia is strongly recommended, and attendees will learn which drugs, or drug combinations can be used, including non-injectable options. Attendees will learn about alternative routes for administration of euthanasia drugs if intravenous access is not possible.
- B** **Surgery of the Pancreas, Liver, & Biliary System**, *Dr. Howard Seim* **LS** **NOD**
Occasionally patients require surgical management of pancreatic masses as well as disorders of the liver and biliary system. This session presents several cases with pancreatic and hepatobiliary disorders and describe in detail the surgical management used to treat each case. Video of clinical cases will be used to help illustrate surgical techniques used.
- 1:00 – 2:00 pm** **Lunch & Learn #1: Monitoring the Difficult Diabetic Cat: Role of Continuous Glucose Monitoring**, *Dr. Catharine Scott-Moncrieff*
This lecture will discuss the best approach to monitoring glycemic control in cats with an emphasis on more challenging diabetic cases. The advantages and logistics of incorporating continuous glucose monitoring into case management will be discussed.
- Lunch & Learn #2: Enhancing Compliance & Reducing Stress: A Modern Perspective on Feline Parasite Protection**, *Dr. Robert Lavan*
This course will examine consumer compliance and investigate the drivers behind cat owner product purchasing while demonstrating how extended duration products are beneficial to pets and pet owners. The session agenda will include why feline parasite protection is important, what professionals recommend, what pet owners are actually doing, enhancing compliance with convenience, how cat owners actually deliver medication doses (the gaps), and how to reduce stress for the cat AND the cat owner.

Session Abstracts

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O ORAL ABSTRACT

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SATURDAY, OCTOBER 2, 2021 continued

- 1:00 – 2:00 pm** **Lunch & Learn #3: Digital Cytopathology: Real-time Expert Help in Your Everyday Practice**, *Dr. Eric Morissette*
Become familiar with recommended diagnostic modalities to be utilized during routine wellness and sick animal examinations. Then test your chemistry, cytology, and hematology skills in this interactive case-based session. We will take a closer look at some common vs. oddball clinical scenarios, highlighting tips for interpretation of blood work, urine, and the utility of a point-of-care digital system that gives you real-time access to a board-certified veterinary clinical pathologist. You don't have to go it alone.
- 2:15 – 3:05 pm** **A** **Creating a Culture of Perioperative Safety in Your Clinics**, *Drs. Sheilah Robertson & Bryden Stanley* **LS**
Improving morbidity and mortality statistics related to anesthesia and surgery is an essential part of our job. Assessing risks, adequate patient stabilization and preparation, and ensuring that equipment is available and functional are essential tasks. The data supporting the use of comprehensive checklists as a way to prevent accidents is robust and should be part of every clinic's culture. Attendees will learn how to create checklists that fit their caseload and how to initiate these and achieve "buy in" by everyone on the team. Real life data demonstrating the positive effect on adverse events before and after using checklists will be shared.
- 2:15 – 2:40 pm** **B** **Wound Management Secrets**, *Dr. Howard Seim* **LS** **NOD**
Can you force a wound to continue to contract...oh yes you can! Attendees will learn how to 'stretch' skin in order to close chronic non-healing wounds.
- 2:40 – 3:05 pm** **B** **Managing Feline Ear Polyps**, *Dr. Howard Seim* **LS** **NOD**
Polyps originating from the nasopharynx, ear canal, and middle ear of young cats is occasionally encountered in practice. This session will include techniques for removing polyps from the nasopharyngeal region, external ear canal, and middle ear. Video of clinical cases will be used to illustrate surgical technique.
- 3:10 – 4:00 pm** **A** **The Whole Package: Anesthesia & Surgery Tips for Common but Sometimes Tricky Cases in Kittens & Young Cats**, *Drs. Sheilah Robertson & Bryden Stanley* **LS**
Kittens do not always land fully on their feet and may suffer from several congenital or trauma linked problems early in life. These include but are not restricted to rectovaginal fistulae, anal atresia, pectus excavatum, umbilical and body wall hernias, cleft palate, ruptured diaphragm, and fractures. Kittens have unique physiologic features that must be accounted for when creating an anesthesia, analgesia, and surgery plan. The attendees will "walk through" real cases with the presenters to learn tips and tricks to ensure a good outcome in our pediatric patients.
- 3:10 – 3:35 pm** **B** **Feline Subtotal Colectomy**, *Dr. Howard Seim* **LS** **NOD**
Subtotal colectomy for the treatment of megacolon in cats is no longer considered a salvage procedure. This session is designed to describe, in detail, the authors' preferred technique for subtotal colectomy. Video of a clinical case will be used to illustrate the authors' tricks on how to make the technique easier to perform and more predictably successful.
- 3:35 – 4:00 pm** **B** **Colopexy for the Treatment of Recurrent Rectal Prolapse**, *Dr. Howard Seim* **LS** **NOD**
Patients that present with chronic recurrent rectal prolapse can be difficult to medically manage. Permanent reduction of the rectal prolapse can be performed by suturing the colon to the body wall. This session will describe a technique that results in a permanent fibrous connective tissue scar between the colonic wall and body wall. Video of a clinical case will be used to illustrate the technique.
- 4:05 – 4:25 pm** **O** **False Positive FeLV ELISA Results in Cats With Hemolytic Disease**, *Dr. Matthew Kornya* **LS**
Feline leukemia virus is a devastating, contagious disease that causes a wide variety of hematologic and neoplastic conditions. Diagnosis is much more complex than was previously believed even with the wide variety of tests at our disposal. This presentation will discuss a series of cats with hematologic disease demonstrating discordant results by two commonly available tests as well as possible implications and explanations.
- 4:05 – 4:45 pm** **Why Being a Cat Friendly Practice Matters**
We will discuss the impact being a Cat Friendly Practice has on your practice, client relationships, and cats. We will be collecting your questions prior to the meeting and answering them during the presentation. We encourage anyone thinking about becoming a CFP, those who may be stuck in the process, and even current Cat Friendly Practices to attend the session. Many times we often have the same questions, so please join us to learn from your colleagues.

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SUNDAY, OCTOBER 3, 2021

- 8:30 – 9:20 am** **C** **Detecting, Diagnosing, & Monitoring Feline OA Pain: A Practical Approach**, Dr. Duncan Lascelles **LS**
The steps involved in diagnosing DJD-associated pain in the feline patient can be summarized as owner education, facilitating a visit to the clinic, understanding the signalment of feline OA, observation, hands-on examination, radiography, and assessing impact of OA-pain. This presentation will discuss all of them except hands-on examination.
- 9:25 – 10:15 am** **C** **NSAIDs for Chronic Pain Control in Cats: An Update**, Dr. Duncan Lascelles **LS**
Updates regarding the use of NSAIDs in cats for the control of long-standing musculoskeletal pain will be provided and discussed. Practical recommendations regarding the long-term use of NSAIDs in cats will be given.
- 10:45 – 11:35 am** **A** **How to Perform a Successful Orthopedic Examination**, Dr. Duncan Lascelles **LS**
The steps involved in diagnosing DJD-associated pain in the feline patient can be summarized as owner education, facilitating a visit to the clinic, understanding the signalment of feline OA, observation, hands-on examination, radiography, and assessing impact of OA-pain. This presentation will discuss hands-on examination using a combination of videos and illustrations.
- B** **Perineal Urethrostomy & Other Options in Cats with FUS**, Dr. Bryden Stanley **LS**
Perineal urethrostomy (PU) in cats is a commonly performed procedure in feline practice, but the indications for the procedure must be clearly understood, and the procedure itself can carry significant complications. However, when performed correctly and meticulously, outcomes are excellent, with full continence. The slightly increased incidence of urinary tract infections seen following PU is likely not due to the procedure, but rather the underlying uropathy. Several suggestions and recommendations arising from experience and the literature are discussed to optimize outcomes when performing PUs, including some alternative techniques.
- 11:40 – 12:30 pm** **A** **Anti-NGF mAbs for Chronic Pain Control: The Science**, Dr. Duncan Lascelles **LS**
This presentation will discuss the difference between the disease of osteoarthritis and the whole-body deterioration resulting from osteoarthritic pain, detail emerging treatment options for OA, present the science behind nerve growth factor (NGF) and its role in the control of pain resulting from osteoarthritis, and outline and discuss the evidence for anti-NGF monoclonal antibody strategies in the cat, and comparison to other species.
- B** **Revisiting Halsted's Principles (But Not His Habits!): Tips to Better Surgery**, Dr. Bryden Stanley **LS**
Following graduation, we climb a steep learning curve as we adjust to the demanding lifestyle of the practicing veterinarian. It is often a few years before we feel at ease with our career. Without doubt, mistakes will be made, and there will be stressful times. However, we strive to learn from our mistakes, and as our career specializes into a specific discipline or interest (such as feline medicine and surgery), and our experience grows, we develop a personal set of standards and protocols. Starting with Halsted's Principles of Surgery, I present a list of tips that I have learnt over many years that will minimize complications, maximize your competence, decrease panic, and enhance confidence in the surgical arena.
- 12:40 – 1:40 pm** **Lunch & Learn #1: Update on the Management of Stress Associated Illness in Cats**, Dr. Michael Lappin
A variety of clinical problems are exacerbated by stress in cats. Notable examples include recurrent respiratory or ocular disease from FHV-1, diarrhea, and feline interstitial cystitis. Both syndromes can be difficult to manage and can result in relinquishment of the cat. In this lecture, Dr. Lappin will update the audience on recent studies using stress relief to aid in the management of common clinical problems associated with stress in cats. Emphasis will be placed on a new study documenting use of a probiotic that lessened stress in FHV-1 infected cats, resulting in decreased clinical signs of reactivated infection compared to the placebo group.
- Lunch & Learn #2: Procedural Sedation & Analgesia in the Cat**, Dr. Brad Simon
Procedural sedation and analgesia (PSA) describes the process of depressing a patient's conscious state to perform unpleasant, minimally invasive procedures (e.g. ultrasound, phlebotomy, or bandage changes), and is often part of the daily routine in feline practices. Decision-making with respect to drug choice and dosage regimen, taking into consideration the cat's health status, behavior, co-morbidities, and the need for pain management, can be complicated and represents an everyday challenge in feline practice. While PSA is commonly perceived to be uneventful, complications can occur and on occasion may be life-threatening. An overview of, and rationale for, building a PSA protocol, and the advantages and disadvantages of different classes of sedatives and anesthetics, is presented in a clinical context supported by an evidence-based approach and clinical experience.
- Lunch & Learn #3: Stem Cell Therapy in the Domestic & Exotic Feline: Could This be the Answer to Your Difficult Cases?**, Dr. Robert Harman
This presentation is designed to cover the basics about adipose-derived, autologous stem cell therapy in veterinary medicine and how it may be applied to feline medicine. The objectives of this course are to discuss the potential mechanisms of action, efficacy, safety, and present guidelines on how to use stem cell therapy for the treatment of some of the most complex feline ailments such as chronic kidney disease, gingivostomatitis, and inflammatory bowel disease. Dr. Harman will cover the VetStem process from tissue collection to stem cell injection as well as treatment protocols for multiple feline disease processes. Referencing clinical findings, Dr. Harman will explore the many uses of adipose-derived stem cell therapy in domestic and exotic felines.

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*Mottet J, Kowollik N: BSAVA Congress Proceedings. 2019. 424-425.

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SUNDAY, OCTOBER 3, 2021 continued

- 1:45 – 2:35 pm**
- A** **Anti-GGF mAbs for Chronic Pain Control: The Evidence**, *Dr. Duncan Lascelles* **LS**
This presentation will outline and discuss the evidence for anti-NGF monoclonal antibody strategies in the cat, and comparison to other species.
 - B** **Chylothorax: An Update**, *Dr. Bryden Stanley* **LS**
“Idiopathic” chylothorax in both cats and other species is a serious condition for which the underlying etiology and even pathophysiology is still poorly understood. Although further research is indicated to fully characterize the condition, a number of recent therapeutic interventions and management options have clearly improved outcomes. Various lymphangiographic procedures can outline the highly variable anatomy of the cisterna chyli and thoracic duct. We now have the ability to identify collateral vessels and also have improved means to not only obliterate the pathway into the pleural cavity, but also to provide long-term, minimally-invasive drainage.
- 2:40 – 3:30 pm**
- A** **Wearables for Diagnosis & Monitoring of Pain: Where Are We?**, *Dr. Duncan Lascelles* **LS**
The future of improved diagnosis and monitoring will be the integration of varied and rich data sets in real-time. Wearable and implantable sensors have been garnering more attention as they offer opportunities to access such continuous, real-time data across multiple varied dimensions. However, with the high-frequency longitudinal data generated comes the challenge of managing this data, and interpreting the biological meaning. While some simple summary values may be of use in certain circumstances, the future lies in analyzing and interpreting patterns. As an example of the challenges and opportunities, the measurement of pain in cats via monitoring activity will be discussed. The presentation will focus on two aspects: 1) understanding activity of cats in health and disease; 2) the handling, analysis, and interpretation of data to generate biologically useful information.
 - B** **Atypical Cutaneous Infections in Cats**, *Dr. Bryden Stanley* **LS**
Veterinarians do not see the large number of chronic, non-healing wounds that our human counterparts attend to, largely due to the lack of comorbidities such as obesity, alcoholism, chronic diabetes, and cardiac disease. Cat wounds often heal without complication. Their skin also has a laxity that allows contraction to play a larger role in healing than in species with a tighter skin. However, there are occasions when a wound does not seem to be healing as expected. In such cases, the cat may have a mycobacterial infection, which may go unrecognized for months. These chronic infections of the subcutis and panniculus layer can be persistent and challenging to diagnose. Macerated tissue culture (rather than surface swab) is indicated, and specific request for mycobacterial culture requested (aerobic, anaerobic, fungal cultures, and histopathology can also be performed). Mycobacterial wounds generally respond to resection and long-term, appropriate systemic antibiotic therapy.

On-demand Session Abstracts

Miscellaneous

Cats Gotta Scratch: The Case Against Feline P3 Amputation, *Dr. Robin Downing*

Cats’ paws and toes play a critical role in their lives. They use them to communicate, for exercise, for escape, and for defense when needed. This session will help practitioners understand the reasons to reject amputating P3 in cats by understanding the pathogenesis of the chronic maladaptive and neuropathic pain that results, by understanding the pathologic changes in biomechanics that lead to other musculoskeletal issues, and by understanding the bioethical violations involved.

Managing Chronic Pain Following P3 Amputation, *Dr. Robin Downing*

Cats’ paws and toes play a critical role in their lives. Sometimes, however, we see cats in our practices who have had their P3s amputated. These cats, no matter how carefully their surgeries were performed, are subjected to the same nervous system aberrations that occur in humans post-amputation, which can result in chronic maladaptive, neuropathic pain in up to 80% of patients. This session will explore ways to “unwind” the peripheral and central sensitization that occurs in the wake of P3 amputation, both in the feet, and downstream from altered biomechanics.

Environmental Needs for Cats with DJD: Preserve Access to Promote Comfort, *Dr. Margaret Gruen*

In this presentation, we will discuss the environmental conditions that promote quality of life in cats. We will work through the natural history of cats, and how that affects their need for access to safe areas and 3-D space. We will also identify the accommodations that need to be made for cats with painful degenerative joint disease both at home and in the clinic.

Feline-Friendly Handling & Interactions: Evidence-based Techniques, *Dr. Ilona Rodan*

Benefits of feline-friendly handling and interactions include human safety, efficiency, better medicine, client loyalty, and preventing patient distress. Although veterinary care positively impacts quality and length of life, almost half of cats do not receive annual care, mainly due to stress surrounding the veterinary visit. Preparing the client and cat for veterinary visits reduces owner anxiety and feline negative emotions. How cats are handled can also impair their welfare, perhaps long-term. Fortunately, several studies help us recognize feline handling techniques and other methods to improve feline visits. The bonus is that these evidence-based techniques also increase human safety.

Hands-Free Radiology: Strategy, Training, & Implementation Ideas, *Dr. Dennis Keith & Ms. Carolyn Spivock*

Safely obtaining diagnostic quality radiographs is of paramount importance for your patient and for your hospital team. Capturing properly positioned radiographs, while minimizing exposure to radiation and reducing stress for our patients and team is the goal every time we enter the radiology suite. During the “Hands-Free Radiology: Strategy, Training and Implementation Ideas” session, we will discuss implementation ideas, as well as tools and resources, that can help you achieve this goal through an overall hospital team approach.

Miscellaneous

What About Cats? Rehabilitation Techniques for Feline Patients, Dr. Kristin Shaw

Prior to implementing a rehabilitation plan, a rehabilitation diagnosis must be established. This presentation will discuss the importance of performing a Feline Friendly examination in the context of the rehabilitation exam and review methods of minimizing stress during the clinic visit, particularly if the cat will be returning frequently for ongoing therapy. This presentation will then review the primary components of physical rehabilitation, including therapeutic exercise, hydrotherapy, acupuncture, manual therapy, and therapeutic modalities such as photobiomodulation ("laser therapy") and pulsed electromagnetic field therapy. We will also discuss how these techniques can be practically applied for feline patients. Several case examples will be presented, including post-surgical and nonsurgical patients.

Feline Histoplasmosis: Serology as a Non-Invasive Diagnostic Alternative, Dr. Mariana Jardim

The objective of this study is to analyze the antigenic enzyme assay in urine and serum of domestic cats with a previous diagnosis of histoplasmosis.

Technician

Management of the Emergent Feline Patient, Mr. Harold Davis

The management of the emergent feline patient can be a challenging endeavor primarily because of the nature of the "beast." Aside from the obvious acute traumatic injury the cat is adept at hiding signs of illness. This discussion will cover the initial management of the emergent feline patient.

Nurse Management of the Urinary Obstructed Cat, Mr. Harold Davis

This discussion will provide an overview of the patient with urinary obstruction. Having a basic understanding of the pathophysiologic and compensatory mechanism of this disease process will aid the veterinary technician in meeting therapeutic and monitoring goals.

Anesthetic Monitors: Understanding Their Use & Limitations, Ms. Heidi Reuss-Lamky

Technicians interpret data from anesthetic monitors on a routine basis. This presentation covers various monitoring modalities used in assessing the anesthetized cat, as well as common pitfalls and precautions that should be taken while interpreting the data. Monitoring modalities discussed include ECG, blood pressure (including Doppler), pulse oximetry, capnography, and temperature. The learning objectives are to explain physiologic process associated with each type of monitoring modality and identify various ways to measure them. (e.g., understand carbon dioxide physiology as relevant to measuring ETCO₂; discuss various monitoring methods for ETCO₂), develop skills to troubleshoot equipment, identify malfunction and avoid misinterpretation of the data, specifically, as how they impact monitoring anesthetized cats, and recognize normal physiologic parameters for anesthetized felines and identify minimum acceptable values for ECG, blood pressure, pulse oximetry, capnography, and temperature for anesthetized feline patients.

Who Needs an Anesthetic Plan? YOU DO!, Ms. Heidi Reuss-Lamky

Every cat that enters your hospital is a unique biologic unit. Do you know how to develop an anesthetic plan that ensures their safe passage throughout the anesthetic episode? Careful pre-anesthetic assessments are essential to identify physiological, pathological, or drug-related factors that may complicate a feline patient's anesthetic management. Learn the components of developing an anesthetic plan and the steps necessary to optimize the surgical procedure and expected outcome for each and every patient. The learning objectives are to determine how organ function and feline specific diseases impact anesthetic protocols, pharmacologic interactions awareness with anesthetic drugs and the unique features of feline metabolism, and how to develop a feline friendly anesthetic plan.

Purr-fect Feline Anesthesia, Ms. Heidi Reuss-Lamky

Anesthetizing felines can pose unique challenges for the veterinary technician. In addition to the fact that cats can be difficult to monitor under anesthesia, their small size, interesting metabolism, variable temperament, and propensity towards particular health problems can also prove problematic. During this presentation learn how to successfully address these challenges while avoiding the many pitfalls associated with anesthetizing felines. Feline handling techniques will also be discussed.

Anesthesia Mistakes Awareness, Ms. Heidi Reuss-Lamky

The pressures facing anesthetists today are great; the anesthetist must fully understand physiology, pathophysiology, pharmacology, anesthesia equipment, and monitoring devices as well as recognize their limitations. Although the goal is to assure a successful surgical or procedural outcome while ensuring our feline patient receives the finest possible anesthetic care, mistakes can and do happen. Discover the most common causes of feline anesthesia-related errors as well as some insight on how to prevent them. The learning objectives are to enhance awareness of the most common sources of anesthesia mistakes unique to cats, identify characteristics of a great anesthetist, and develop ways to avoid or minimize anesthetic related errors surrounding feline patients.

Pain Scoring for Dummies, Ms. Heidi Reuss-Lamky

Identifying the symptoms of pain in cats is an important but often times difficult part of a veterinary technician's job. Furthermore, differentiating acute pain signs from fear, anxiety, and stress (FAS) can be perplexing to even the most astute feline observers. We'll explore the pros and cons of a variety of pain scoring tools for both acute and chronic pain in cats. Interpreting feline body language as it relates to pain versus FAS will also be discussed. The learning objectives are to differentiate the body language of FAS vs. pain in cats, describe the limitations associated with pain scoring methods in cats, and describe the value of a validated pain scoring method for both acute and chronic feline pain.

Detecting Feline Chronic Pain, Ms. Alison Gottlieb

Feline chronic pain is a multi-layer obstacle course, each hurdle difficult but possible with practice and determination. The first hurdle is admitting it exists; however, we cannot stop there. Detecting chronic pain is a team sport, requiring all cat caregivers to be aligned and educated. This session will focus on tools and techniques for detecting feline chronic pain.

Treatment of Chronic Pain, Ms. Alison Gottlieb

Once feline chronic pain has been identified treatment can begin. This is a delicate balance of compromise, patience, and creativity. Our plan needs to be long-term, approved by the cat, and feasible for the owner as well. This session will focus on treatment options for all members of the cat care team.

Feline Chronic Pain: Getting Cat Owners on Board, Ms. Alison Gottlieb

We have certainly come a long way, and followed the trajectory of recognition and treatment for these painful cats. However, all our education and discussion is mute if the primary caretaker is not educated as well. Cat owners are vital in every facet of alleviating chronic pain, and arguably the most important participant in the recognition and treatment process. Educating cat owners is truly a gift, providing them with information, resources, and support will be the focus.

Feline Nursing Care for the Hospitalized Patient, Ms. Alison Gottlieb

We can all agree, the hospital is not an ideal place for cats. We can often compromise with them for a visit, however hospitalization is occasionally warranted. As cat advocates and caretakers, we can significantly improve this experience. Feline friendly handling, pharmacologic intervention, and creativity decrease stress, improve healing and appetite, and often shorten the length of hospitalization. We will discuss these tips and tricks for any hospitalized cat.



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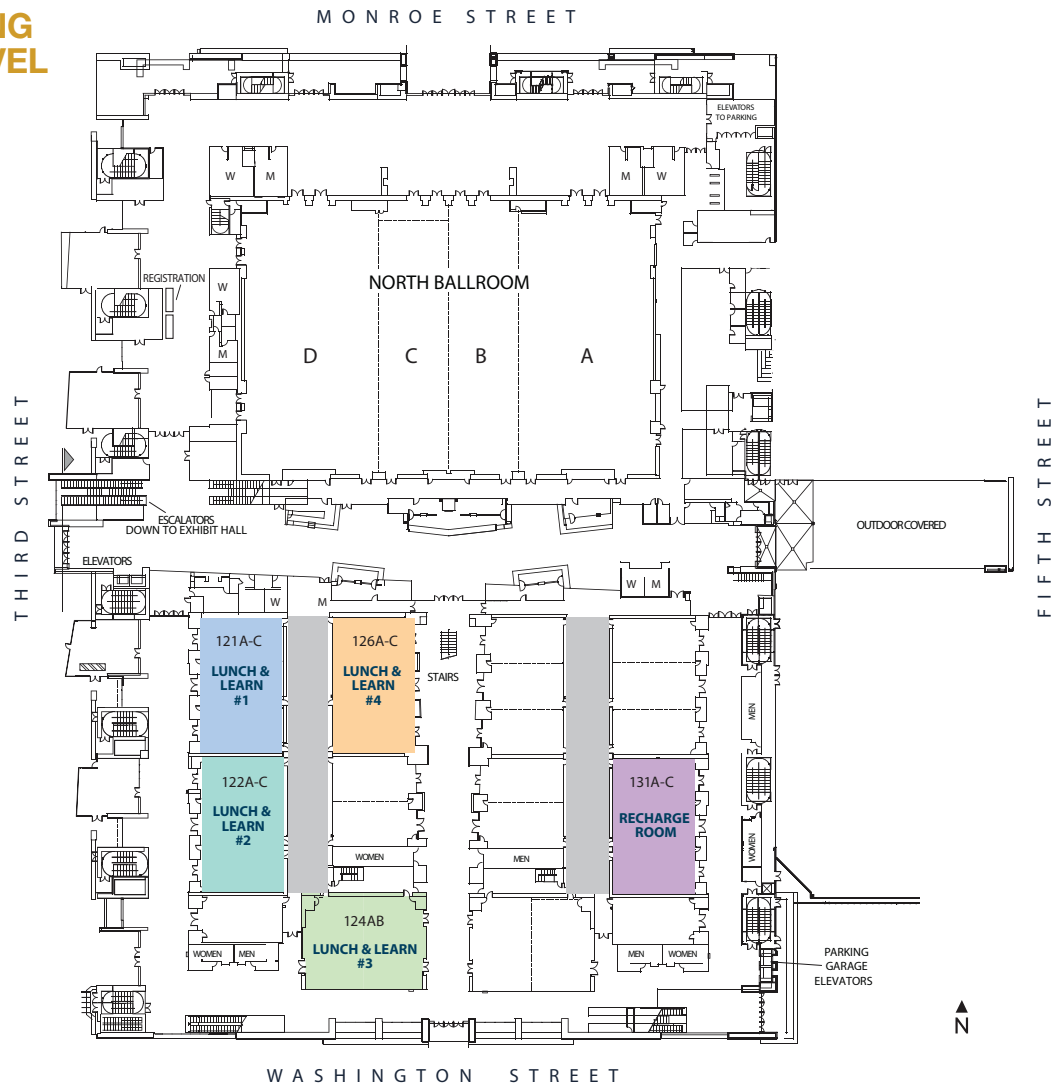
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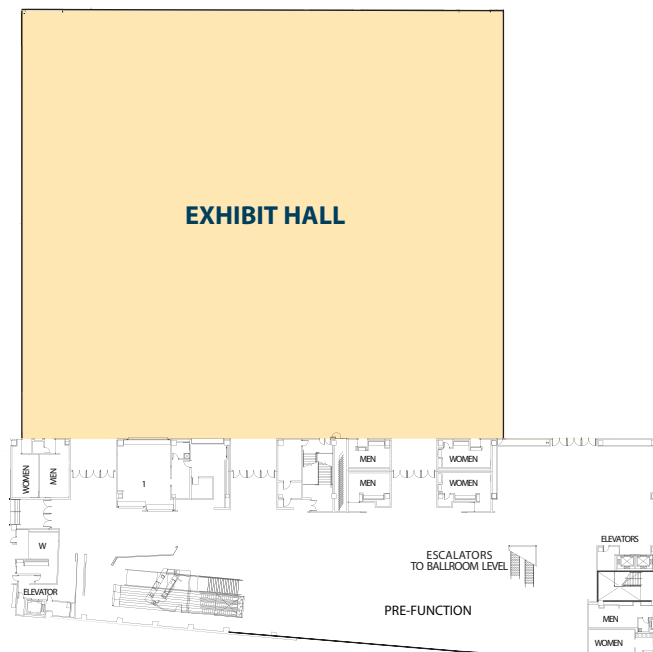
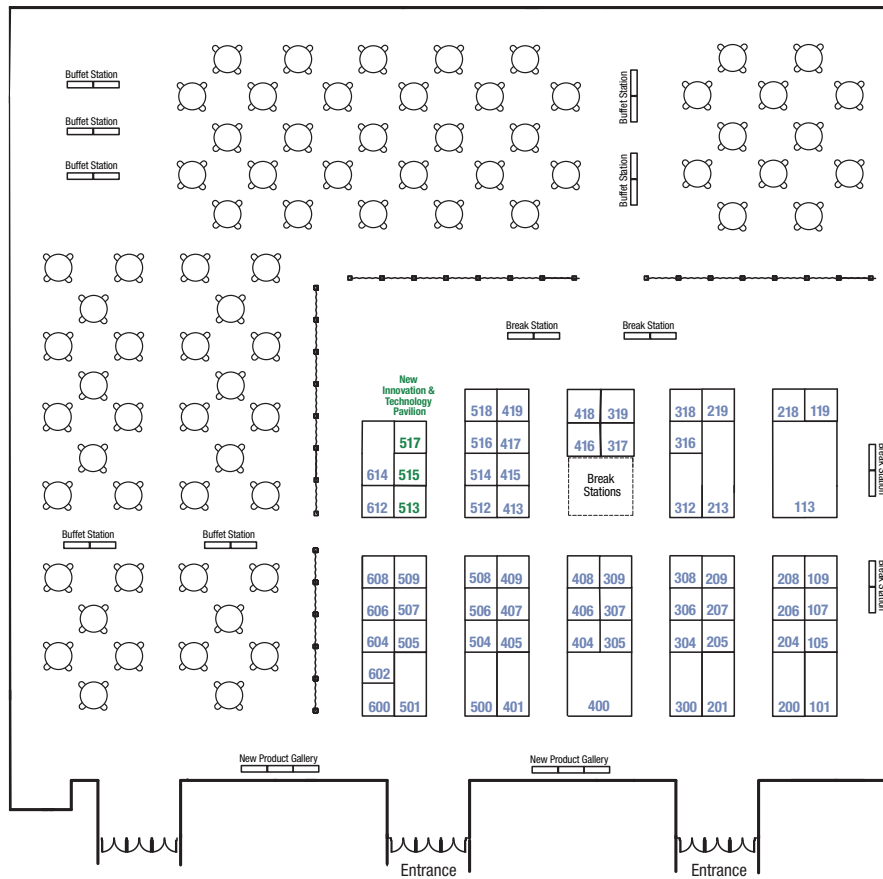


EXHIBIT HALL LEVEL



EXHIBITOR	BOOTH #	EXHIBITOR	BOOTH #	EXHIBITOR	BOOTH #
Addison Biological Laboratory, Inc.	506	Elsevier	209	Scratch	306
Antech Diagnostics & Imaging - Sound	512	Emeraid-Lafeber	308	SmartPractice	319
Arlington Cat Clinic/The Cat Doc	507	EveryCat Health Foundation	516	Snyder Manufacturing Company	309
Assisi Animal Health	514	ExeGiPharma	602	Specialty Veterinary Pharmacy	416
Aurora Pharmaceutical, Inc.	415	GerVetUSA	508	The International Cat Association, Inc. (TICA)	614
Banfield Pet Hospital	307	Hill's Pet Nutrition, Inc.	413	The National Kitten Coalition	404
BCP Veterinary Pharmacy	317	IDEXX Laboratories	101	Topi-CLICK TEAM Technologies	606
Beyond Indigo Pets	419	International Association for Animal Hospice & Palliative Care (IAAHPC)	206	Uricult Vet	207
Bionote	407	Jurox Inc.	316	Vetcove	417
Blue Natural Veterinary Diets	318	MDS Incorporated	219	VetIMMUNE	509
Blue River PetCare	604	MEDCO Instruments Inc.	600	Vetoquinol	304
Boehringer Ingelheim Animal Health	201	Meds for Vets Compounding Pharmacy	504	Vet-Ray Technology by Sedecal	305
Cat Friendly Practice® (CFP)	107	Merck Animal Health	401	VetStem Biopharma	312
Cat Modern	518	MILA International, Inc.	418	Wedgewood Pharmacy	208
Ceva Animal Health	200	Norbrook Inc.	408	Zoetis	113
Clipper Distributing Company, LLC	500	People, Pets & Vets	105		
Companion Animal Health	205	petMAP HotDog Patient Warming	218	New Innovation & Technnology Pavilion	
Covetrus	409	Provide Inc.	505	Digital (N1)	517
CRIJO Pet Products	204	Purina Institute	213	Healthy Pet Connect (N2)	515
Dechra Veterinary Products	501	Purina Pro Plan® Veterinary Diets	213	Toletta Cats (N3)	513
Doctor Multimedia	608	Rose Micro Solutions	406		
DVM Solutions	612	Royal Canin USA	400		
Edra Publishing US LLC	505	Schultz Technology	109		
Elanco Animal Health	300				

This Pavilion is a dedicated area inside the Exhibit Hall where emerging and innovative products, technology, and start-up companies will be able to be showcased.

Virtual Only Exhibitors:

American Board of Veterinary Practitioners, BasePaws, C. Specialties, Inc., Cornell Feline Health Center, Elite Science, LLC, iM3, Inc., International Veterinary Academy of Pain Management, KARL STORZ Veterinary Endoscopy America Inc., Morris Animal Foundation, PawsTime, Sleepypod, VetMatrix, Veterinary Management Groups, VetriScience Laboratories

Lunch & Learns

If you have registered for any of the Lunch & Learn sessions, you received a ticket in your onsite registration materials. The ticket contains the room number in which you must go. Registered attendees will obtain their lunch right outside of the session room. You must be pre-registered to attend this event and show your ticket at the door. Lunch & Learn's are sponsored by Boehringer Ingelheim, Dechra, IDEXX Laboratories, Merck Animal Health, Purina ProPlan Veterinary Diets, Royal Canin, VetStem BioPharma, and Zoetis.

Early Riser Yoga Class

All three Yoga classes will take place at the Sheraton Phoenix Downtown Hotel in the Paradise Valley room located on the second floor. If you have not submitted your waiver, you must do so prior to the event. Please visit the Registration Desk to sign the waiver, or if you would like to register for the free event.

Offsite Event

A Feline Fete Offsite Event will take place on Saturday, October 2 from 6:30 - 10:30 pm. The buses will be picking up attendees at both hotels, starting at the Sheraton Phoenix Downtown followed by the Renaissance Phoenix Downtown Hotel. Attendees staying at the Sheraton, please meet at main entrance to the hotel, known as the "front drive." Attendees staying at the Renaissance, please meet at North Drive, located closest to Monroe Street off of 1st Street. The first bus will leave the Sheraton at 6:05 pm, the second at 6:15 pm, and the last at 6:20 pm. You must be pre-registered for this event to attend and show your ticket before boarding the bus. Limited tickets may be available at the Registration Desk.

Oral Abstracts

There will be two oral abstract sessions this year. One will take place in-person - *False Positive FeLV ELISA Results in Cats With Hemolytic Disease* by Dr. Matthew Kornya. The other will be available on-demand on the virtual platform website - *Feline Histoplasmosis: Serology as a Non-Invasive Diagnostic Alternative* by Dr. Mariana Jardim. Be sure to check them out!

AAFP T-shirt Sale

The AAFP T-shirt Sale will take place on Friday, October 1 beginning at 12:30pm at the Registration Desk. T-shirts cost \$20 per shirt and cash is preferred. Please note there will be limited availability.

Attendee Wi-Fi

Complimentary Wi-Fi will be provided to all attendees in the AAFP Convention Center ballroom space and exhibit hall. The network name is AAFPConf and the password to access the Wi-Fi is **Dechracares**. This Wi-Fi is sponsored by Dechra.

Virtual Platform Website & App

All in-person attendees also get access to the Virtual Conference Platform and App through June 2022. To download the AAFP Conference App, search for "AAFP Conference App" in the App Store for iOS or Google Play for Android. Log in to the App using your credentials that you received via email prior to the conference.

CE Certificate

A physical CE Certificate is still provided for all in-person attendees and can be found at the back of this Program Book. In-person attendees can use this Certificate to track all of the sessions attended in-person. If you plan to watch any sessions on-demand on the Virtual Conference Platform, you will need to take and pass the CE quizzes within the Platform to earn the CE credits. A separate CE Certificate will be provided through the Platform for those on-demand sessions. Log in details for the Virtual Conference Platform were emailed prior to the conference.

Live Recording in Exhibit Hall

Please be aware that you may see us video taping and live streaming interactions with the exhibitors in the Exhibit Hall. Please continue to interact with exhibitors as you usually would.

Conference Evaluation

Don't forget to fill out a conference evaluation. You can do so by filling out the paper form and returning it to the Registration Desk, online by clicking on the evaluation link in the Conference App, or by visiting: bit.ly/AAFPConf21

Passport Give-away

Throughout the conference, attendees will have the opportunity to collect stamps from the exhibitors on their passport, which can be found in your conference bag received at Registration. Once attendees get 35 stamps, they can drop the passport into the raffle drum located in the Exhibit Hall. Drawings for the give-aways will take place on the days and times listed below in the Exhibit Hall. You must be present when the passport is selected in order to win. Exhibitors are not eligible to participate.

Friday, October 1: 6:30 pm (7 Attendees)

Prizes:

- One (1) complimentary 2022 Pre-conference Day Registration & Case of 1-TDC – provided by Elite Science, LLC
- One (1) King Suite for a two-night complimentary stay with parking and internet included at the Sheraton Phoenix Downtown Hotel & A Royal Canin Prize Pack – provided by Royal Canin
- One (1) one-night weekend stay at the Westin Pittsburgh Hotel & An EveryCat branded stethoscope – provided by EveryCat Health Foundation
- An iPad with cover – provided by Vetoquinol & Woman size large denim shirt – provided by VetIMMUNE
- One (1) Toletta Starter Kit: A cat litter box that automatically monitors cat health, one bag of cat litter, and one bag of cat pad – provided by Toletta & A Vetcove blanket, wine tumbler, and hat – provided by Vetcove
- One (1) Toletta Starter Kit: A cat litter box that automatically monitors cat health, one bag of cat litter, and one bag of cat pad – provided by Toletta & A bottle of Sharon Weeks Cattoo Wine and a Laurel Burch cat scarf – provided by VetStem BioPharma
- A "Kitty Cone Love" Wall Sculpture, carved out of furniture-grade ply and measuring 22" tall x 9.5" wide – provided by Cat Modern

Saturday, October 2: 10:45 am (7 Attendees)

Prizes:

- One (1) complimentary 2022 General Conference Registration
- One (1) one-night weekend stay at the Westin Pittsburgh Hotel & One (1) Healthy Pet Connect equipment package and 1-year Fit Pets for Rescues Weight Management Subscription – provided by Healthy Pet Connect
- Apple AirPods – provided by Blue Natural Veterinary Diets
- One (1) Toletta Starter Kit: A cat litter box that automatically monitors cat health, one bag of cat litter, and one bag of cat pad – provided by Toletta & One free membership to the International Association for Animal Hospice and Palliative Care – provided by IAAHPC
- One (1) Toletta Starter Kit: A cat litter box that automatically monitors cat health, one bag of cat litter, and one bag of cat pad – provided by Toletta & One complimentary one-year subscription for Digitail software – provided by Digitail
- A Sleepypod pet bed – provided by Sleepypod
- \$100 Emerald gift certificate – provided by Emerald-Lafeber

Sunday, October 3: 10:35 am (7 Attendees)

Prizes:

- One (1) complimentary 2022 General Conference Registration
- One (1) one-night weekend stay at the Westin Pittsburgh Hotel & A TICA tote with a mask holder, mask, and other TICA items – provided by TICA
- An Amazon Echo Dot – provided by VetMatrix & One (1) Healthy Pet Connect equipment package and 1-year Fit Pets for Rescues Weight Management Subscription – provided by Healthy Pet Connect
- One (1) Toletta Starter Kit: A cat litter box that automatically monitors cat health, one bag of cat litter, one bag of cat pad – provided by Toletta & A Periotome tooth extraction device – provided by MEDCO Instruments
- A Portable LED Headlight – provided by MDS Incorporated & Pheromone basket with products – provided by Ceva Animal Health
- Bissell Pet Hair Eraser Cordless Hand Vacuum - provided by Dechra & One complimentary one-year subscription for Digitail software – provided by Digitail
- Med for Vets Promotional Products & Starbucks gift card - provided by Meds for Vets Compounding Pharmacy

Thank you to all of the companies and organizations that donated prizes!



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(800) 234-5330 • www.cspecialties.com

Since 1986, C Specialties Inc. has been providing animal care products to veterinarians, humane societies, and animal control agencies across the United States. Focusing on safety, sanitation, convenience and habitat enrichment, you'll find products that not only benefit the animals in your care, but offers caregivers a quality they will appreciate. With your advertising needs in mind, we also specialize in custom imprinting on our cardboard pet carriers and leashes. We're committed to exploring innovative solutions on behalf of all animals.

VIRTUAL ONLY

Cat Friendly Practice® (CFP)

(800) 874-0498 • www.catvets.com/cfp

The AAFP's Cat Friendly Practice (CFP) program contains the tools for your practice to integrate a feline perspective and embrace the standards needed to elevate care for cats. It equips practices with the tools, resources, and information to improve the treatment, handling, and overall healthcare of cats. More information can be found at www.catvets.com/cfp. Please stop by the booth to learn additional information, ask questions or browse through materials.

Cat Modern

(415) 533-7373 • www.catmodern.com

Cat Modern is a cat-centric (and slightly eccentric) design house that started with beautiful steel and gold jewelry and has rapidly grown to playful art prints, joyful wooden wall sculptures, delightful lighting sconce covers and more.

After starting with warm, friendly and upbeat jewelry, Owner/Creative Director Perrin Lam realized that many of his Cat Modern designs would also delight and calm nervous veterinary clients. What better place for a soothing, entertaining visual art work than those empty reception walls, boring hallways, ho-hum break rooms or the all-to-institutional exam room?

Much of Cat Modern's newly available art work - delayed by COVID early on - can now be debuted to AAFP members at this show!

So whether you're interested in personally decorating yourself, family or friends with jewelry or decorating your office walls with heart-warming graphics, www.catmodern.com is a must-see!

Ceva Animal Health, LLC

(913) 945-4686 • www.cevaconnect.com

Ceva Animal Health offers the power of 75+ products to help you keep pets healthy inside and out. Whether it's protecting pets from disease-carrying vectors; restoring the skin barrier with easy and effective dermatologic solutions, or helping comfort and reassure anxious dogs and cats, we provide a one-stop source for care. Plus our dedicated team of knowledgeable, caring professionals shares your dedication to help provide the best possible care. Ceva's key products include the VECTRA®, CATEGO® and MILBEGUARD® (milbemycin oxime) parasiticides, pheromone products ADAPTIL® and FELIWAY®, DOUXO® dermatology products, CLENZ-A-DENT® dental products, CARDALISTM (benazepril and spironolactone) for the management of canine congestive heart failure, and TRP-TriCOX® joint support for canines. The company's North American headquarters is in Lenexa, Kansas. Visit www.cevaconnect.com

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CLIPPER – Helping you navigate the veterinary market. Don't get lost trying to navigate the animal health channel on your own. Let Clipper be your compass. Through unparalleled sales, marketing and logistics, we help manufacturers of all sizes bring to market and grow their veterinary product lines with record speed, ease and accuracy. Be a part of the amazing growth Clipper can offer. Consider us your partner in distribution today.

Companion Animal Health

(302) 709-0408 • www.companionanimalhealth.com

Companion Animal Health is an animal health care company committed to improving the quality of life for animals, by providing innovative health care solutions designed to help veterinary professionals achieve superior outcomes at every stage of care – from diagnosis through treatment. Companion works closely with industry leaders to identify needs and develop products with an evidence-backed ability to fulfill those needs. Offering on-going educational opportunities and industry-leading customer care, Companion partners with veterinary professionals to deliver superior products and support. Evidence. Education. Partnership.

Cornell Feline Health Center

(607) 253-3443 • www.vet.cornell.edu/fhc

Founded in 1974 as a unit of the Cornell University College of Veterinary Medicine, the Cornell Feline Health Center's mission is to improve the well-being of all cats by providing up-to-date information to cat lovers and veterinary professionals, supporting basic and applied research focused on improving the diagnosis, treatment, and prevention of feline disease, and educating veterinary professionals and researchers about issues affecting feline health.

VIRTUAL ONLY

Covetrus

(888) 280-2221 • www.northamerica.covetrus.com

Covetrus is a global animal-health technology and services company dedicated to empowering veterinary practice partners to drive new health and financial outcomes. We're bringing together products, services, and technology into a single platform that connects our customers to the solutions and insights they need to work best. Our passion for the well-being of animals and those who care for them drives us to advance the world of veterinary medicine.

CRIJO Pet Products, LLC

(256) 403-2605 • www.crijopets.com

CRIJO Pet Products, LLC was created in 2005 to provide high quality cat enrichment products for adoption organizations in the Atlanta area. In consultation with veterinarian Dr. Melinda Merck, the company initially furnished communal cat rooms in over 500 facilities in 42 states. While the company began with the mission of serving non-profit organizations in their adoption process, new opportunities have come to CRIJO with their need for cat enrichment products. CRIJO products are now also used in veterinarian's offices, boarding facilities, pet resorts, cat cafes as well as some of the leading humane societies in the United States, Canada and Australia.

In 2020, CRIJO was a finalist at the VMX for Innovative Product of the Year. The legacy of the Founder's cats Crystal and Josephine (CRIJO) has saved countless feline lives over the years through their innovative, healthy and quality confined cage and free roaming enrichment products.

Dechra Veterinary Products

(866) 933-2472 • www.dechra-us.com

Dechra Veterinary Products offers a wide range of veterinary approved products, with many focused on feline healthcare. Our endocrinology line includes Felimazole® (methimazole) Coated Tablets. The recent addition of Mirataz® (mirtazapine transdermal ointment), Porus® One, and Redonyl® Ultra Feline to the portfolio supports the underserved feline market. Dechra also offers a comprehensive line of topical dermatologic products, oral anti-infectives, injectable anesthetics, and the Vetivex® line of parenteral fluids.

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PAVILLION

Doctor Multimedia

(800) 679-3309 • www.doctormultimedia.com

We're successful for one simple reason: no one can outwork us. At most, they can do the same, but they can't do more. We're open 24 hours a day, 7 days a week, 365 days a year. We do it out of passion, and because that's when our clients need help. We do it because your website doesn't stop working and neither do we. We do it because we've intertwined work and life in a way that we never want to stop. We have graphic designers, WordPress developers, social media masters, content creators, SEO wizards, IT problem solvers, marketing gurus, and all around ninjas ready to help your Veterinary practice thrive and grow.



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New Innovation & Technology Pavilion

DVM Solutions

(866) 373-9627 • www.dvmsolutions.com

DVM Solutions is a full service veterinary distribution company specializing in products and services for the progressive practitioner. DVM Solutions has announced the revolutionary HDO Vet BP monitor for quick and easy blood pressure screening in anesthetized as well as awake patients. The super-fast 32 bit processor allows the HDO to be less sensitive to movement, making it the perfect choice for exam room screening, even in cats! Acquire systolic, diastolic and MAP in about 10 seconds – no shaving, alcohol, or gel is needed. Also featured is the VetGard Plus, a multiparameter PC based vital signs monitoring system, capable of recording vital signs data for up to four patients at a time for 24 hours. This cutting edge device will allow the practitioner to wirelessly communicate CO2, ECG, SpO2, respiration, heart rate and dual mode temperature to your computer. The VetGard Plus comes standard with 3 different sized esophageal probes, allowing you to monitor small animals of all sizes, even kittens! Effortlessly save ECG tracings and vital signs data into your practice management software.

Elanco Animal Health

(877) 352-6261 • www.elanco.com

Elanco (NYSE: ELAN) is a global animal health company that develops products and knowledge services to prevent and treat disease in food animals and pets in more than 90 countries. With a 64-year heritage, we rigorously innovate to improve the health of animals and benefit our customers, while fostering an inclusive, cause-driven culture for our 5,700 employees. At Elanco, we're driven by our vision of food and companionship enriching life – all to advance the health of animals, people and the planet. Learn more at www.elanco.com.

Elite Science, LLC

(888) 492-5965 • www.1TDCpro.com

Elite Science® provides veterinarians with the 1TDC® 4 in 1 Wellness Solution for pets, a clinically proven breakthrough in natural medicine that provides 4 major health benefits in one economical, easy-to-use product: Oral Health, Joint Health, Skin & Coat Health and Improved Recovery & Rehabilitation. Feline periodontal research using 1TDC conducted by Dr. James Anthony (Boarded Veterinary Dentist) was published in the Journal of Feline Medicine and Surgery in 2019. Be sure to visit our booth for copies of Dr. Anthony's research for oral health conditions like stomatitis, etc. Beyond oral health, veterinarians nationwide are using 1TDC for all joint/mobility issues and leading rehabilitation professionals are adopting 1TDC for faster recovery. Call 1-888-792-6203 or visit www.1TDCpro.com

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Elsevier is a world-leading provider of information solutions that enhance the performance of science, health, and technology professionals, empowering them to make better decisions, and deliver better care. Reach out to me, Ryan Woodford at r.woodford@elsevier.com or by Cell at 949-929-4717.

EmerAid-Lafeber

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Our focus is critical care and recovery nutrition for animals. The best ingredients combined with cutting edge science and the art of veterinary medicine allows your sick patient the best possible outcome. EmerAid-Lafeber is a strong family business owned by Dr. Ted Lafeber. Dr. Lafeber works with a team of top veterinary professionals, nutritionists, and rehabilitators to create state of the art emergency foods. EmerAid HDN Feline is nutritionally designed to provide each debilitated Feline the best possible chance of life. Felines have important nutritional requirements that differ from Canines, and these differences are addressed in the EmerAid Feline products. EmerAid HDN Feline is scientifically formulated to meet these specific nutritional needs of Felines. EmerAid HDN Intensive, Renal and Sustain Feline formulas provide a high level of nutritional flexibility for the veterinary healthcare team. Each nutrient-dense, high energy EmerAid formulation can be prepared at various levels of concentration, as determined by the needs of the patient. EmerAid is produced at our USA facility for careful, quality control.

EveryCat Health Foundation

(888) 963-6948 • www.everycat.org

The future of feline medicine starts here. Since 1968, EveryCat Health Foundation has funded groundbreaking research that benefits every cat, every day. From disease prevention and veterinary treatment to healthy home habits, we help advance the science behind better health for millions of cats and their cat-loving companions just like us.

ExeGiPharma

(844) 348-4887 • www.visbiomevet.com

ExeGi Pharma, the makers of Visbiome® Vet, is a biotechnology company focused on the development and commercialization of live biotherapeutic and probiotic medicines. Visbiome Vet is a high potency probiotic for pets, powered by the De Simone Formulation, that supports normal inflammatory responses in the GI tract, helps maintain gut health, and proper gut flora. Backed by 7 clinical trials, Visbiome Vet is the #1 choice for veterinary IBD.

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The journey that began three decades ago has successfully become a symbol of Excellence, Innovation, and Reliability for veterinarians worldwide. Being ISO 13485 certified and following the guidelines of the FDA, all our processes are standardized to offer you consistent quality, patterns, and styles, every time, for very economical prices. We control the process from buying the forging to the finished products and are second to none in our niche. GerVetUSA believes in personalization instead of customization and has therefore modified and redesigned many instruments as per patients' needs. Yet, we believe that there is no end to perfection and continuously work with top-notch professionals to offer you the most desired solution. Surgical Instruments for any procedure - Orthopedics - Soft tissue - Dental - Equine - Exotics

Healthy Pet Connect

(608) 828-3737 • www.healthypetconnect.com

Healthy Pet Connect is a veterinary owned and supervised, consumer-facing app and a veterinary dashboard that allows transfer of observational and smart pet home health device data from scales, feeders and cameras to a pet parent's veterinarian in order to monitor and prevent disease. Obesity and older cat frailty are our initial focus carrying forward the success of Fit Pets for Rescues but osteoarthritis, diabetes, renal disease and any preventable disease will be added/considered as IoT devices evolve and are validated.

Hill's Pet Nutrition, Inc.

(800) 445-5777 • www.virtualmarketingevents.com/hillspet/

For more than 80 years, Hill's Pet Nutrition has been dedicated to pioneering research and groundbreaking nutrition for dogs and cats based on a scientific understanding of their specific needs. For more information about Hill's, our shelter program, products and nutritional philosophy, visit us at HillsPet.com, HillsVet.com or on social, @HillsPet.

IDEXX Laboratories

(207) 556-0300 • www.idexx.com

IDEXX is a leader in pet healthcare innovation, serving practicing veterinarians around the world with a broad range of diagnostic and information technology-based products and services. IDEXX products enhance veterinarians' ability to provide advanced medical care, improve staff efficiency, and build more economically successful practices. Our solutions lead the industry in accuracy, innovation, and customer service. We offer the most accurate pet-side results with our SNAP® tests, and the most sophisticated in-house diagnostic instruments, including the Catalyst One® Chemistry Analyzer and the SediVue Dx® Urine Sediment Analyzer. IDEXX Reference Laboratories, our global network of more than 80 laboratories, offers the most complete and advanced menu of tests in the industry.

iM3, Inc.

(800) 664-6348 • www.im3vet.com

iM3 is a leading veterinary dental company that designs, manufactures and sells dental machines, hand instruments, dental consumables and dental imaging solutions. With US headquarters based in Vancouver, Washington, and offices in Sydney, Australia, Ireland and the UK, iM3 dental equipment can be found throughout the world with an impeccable reputation for excellent quality and service.

International Association for Animal Hospice and Palliative Care (IAAHPC)

(317) 966-0096 • www.iaahpc.org

The IAAHPC promotes comfort care that addresses the physical, psychological, and social needs of animals with chronic and/or life-limiting diseases. We promote physical, emotional, and spiritual support for caregivers. We also educate professionals and advance research in the field of animal hospice and palliative care. We strive to create a world in which animal hospice and palliative care services are widely available to animals and their caregivers. We are making strides in having hospice and palliative care to be broadly recognized by veterinarians, veterinary nurses/technicians, and mental health/spiritual care professionals worldwide as an integral part of quality care.



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2021 RACE-Approved Feline Educational Presentations:



Idiopathic Hypercalcemia in Cats
Dennis Chew, DVM, DACVIM

Lifetime of Dental Health
Heidi Lobrise, DVM, DAVDC



Retrovirus Testing & Management
Susan Little, DVM, DABVP (Feline)

Hydration and Health
Margie Scherk, DVM, DABVP (Feline)



Common Behavior Cases
Kersti Seksel, SVSc (Hons), MRCVS, MA (Hons), FANZCVS, DACVB, DECAWBM, FAVA

HARD: A Diagnostic Dilemma
Tom Nelson, DVM



Feline CKD and Weight Loss
Audrey Cook, BVM&S, MRCVS, MSc Vet Ed, DACVIM, DECVIM, DABVP (Feline)

Ticks (and fleas) Attack Cats
Susan Little, DVM, PhD, DACVIM



Cat-human Relations
Andrew Sparkes, BVetMed, PhD, DECVIM, MANZCVS, MRCV

Anemia in Cats
Guillermo Couto, DVM, DACVIM



OA Pain
Cathy Lund, DVM



All live sessions are interactive. Attendees can participate in the Q&A session with the speakers. Additional course content and some 2020 Conference sessions are available in the eLearning Center.

All Live Sessions will be Made Available On-demand

@CatFriendlyHomes @CatVets @Company/CatVets @CatVets

Register at catvets.com/elearning



International Veterinary Academy of Pain Management (IVAPM) (615) 592-0862 • www.IVAPM.org

The International Veterinary Academy of Pain Management (IVAPM), founded in 2003, is the leading forum, as well as educational source, for veterinary professionals interested in animal pain prevention and treatment. The IVAPM provides pain management specific continuing education courses and tracks at many conferences throughout the nation, select international venues and through distance learning applications. Additionally, IVAPM is the accrediting organization for Certified Veterinary Pain Practitioners (CVPP). As an international association, our members include veterinarians, veterinary technicians and specialty animal healthcare providers throughout 31 countries.

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Jurox Inc. (844) 253-2926 • www.jurox.com/us

Jurox® Pty Ltd is a family-owned, global leader in veterinary pharmaceutical development, registration, and manufacturing and is headquartered in New South Wales, Australia. Jurox owns, manufactures and markets the Alfaxan® product line of injectable anesthetics for multiple species. They also provide quality CE focusing on anesthesia and analgesia with their online educational platform, Think Anesthesia®.

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KARL STORZ SE & Co. KG is the leading manufacturer of high quality endoscopes, instruments and imaging systems for all applications of veterinary endoscopy. Designed in cooperation with leading vet surgeons throughout the world, KARL STORZ products are customized for veterinary use, and include all that is needed to perform gastrointestinal endoscopy, bronchoscopy, arthroscopy, laparoscopy, thoracoscopy, rhinoscopy, cystoscopy, otoscopy, trans-cervical insemination, avian endoscopy and much more. KARL STORZ is also the leading supporter of education in veterinary endoscopy and is pleased to be sponsoring an ongoing series of webinars in conjunction with Colorado State University's Translational Medicine Institute. Visit www.endoscopytalks.com for more information.

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MEDCO Instruments Inc. (708) 237-3750 • www.medcoinstruments.com

Medco Instruments is pleased to offer Highest Quality Feline Dental and Soft Tissue Surgery Packs at Competitive Pricing with 50% discount. All our products are Made in Germany and is Life Time Guaranteed. Please check our website and visit our booth to save more money.

Meds for Vets Compounding Pharmacy (866) 633-4838 • www.medsforvets.com

Meds for Vets is a compounding pharmacy serving the veterinary profession exclusively. Looking for a backordered or discontinued product? A dosage form or flavor not otherwise available? From flavored suspensions, chewable treats, capsules and transdermal gels to sterile eye drops, ointments and injectables, we have the products you are looking for. Let us help you in any way we can. Happy Pets, Happy Owners, Happy Vets™.

Merck Animal Health (800) 521-5767 • www.merck-animal-health.com

As a global healthcare leader, Merck works to help the world be well. Merck Animal Health, known as MSD Animal Health outside the United States and Canada, is the global animal health business unit of Merck. We offer one of the industry's most innovative portfolios – not only of products, but also of services and technologies – to prevent, treat and control diseases across all major farm and companion animal species. Our mission – The Science of Healthier Animals – guides all of our work. Healthier animals mean a sustainable food supply, protection for humans against diseases passed from animals, and longer, healthier lives for pets. For more information, visit www.merck-animal-health.com or connect with us on LinkedIn, Facebook and Twitter at @MerckAH.

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MILA International, Inc. (859) 957-1722 • www.milaint.com

Established 1991, MILA International is an innovative company that has developed veterinary medical products that are otherwise commercially unavailable. MILA is known as the gold standard for venous access catheters, chest tubes, urinary catheters, and feeding tubes for Large/Small Animals.

Morris Animal Foundation (800) 243-2345 • www.morrisanimalfoundation.org

At Morris Animal Foundation, we work to improve and protect the health of animals through scientific innovation, education and inspiration. We are committed to fighting animal diseases worldwide affecting dogs, cats, horses and wildlife. Each year, our Scientific Advisory Boards review, rank and recommend for funding animal health proposals submitted by scientists from around the world. Our research has found solutions for serious health problems in cats, including cancer, infectious diseases and kidney disease. The Foundation was instrumental in laying the groundwork for the first feline leukemia vaccine protecting thousands of cats annually from this deadly disease. We are actively funding the development of genetic screening tests, including breed-specific tests for heart disease in cats. Learn more at morrisanimalfoundation.org.

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Norbrook Inc. (913) 802-5143 • www.Norbrook.com

Norbrook has been providing quality, cost-effective animal health products to the veterinary community for over 50 years. Norbrook was founded in Newry, Northern Ireland, in 1969 and is now a leading global provider of veterinary pharmaceuticals. Check out our resources to learn more about our product offerings!

PawsTime (877) 516-8220 • www.pawstime.com

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People, Pets & Vets (360) 866-7331 • www.peoplepetsandvet.com

People, Pets and Vets, born in 1992, is a veterinarian-led group with animal hospitals located throughout the western and southern United States. Each hospital provides a range of general and surgical services while making a positive impact in their communities. PPV offers a compelling opportunity to veterinarians looking to sell their practice, as well as to associate veterinarians, to share in the Company's growth through retained ownership. By creating a network of passionate professionals that work smarter, PPV has a strong track record of treating people well, always doing what they say, and creating a relationship built on trust.

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Purina Institute (800) 222-VETS • www.purinainstitute.com

The Purina Institute is an organization within Purina responsible for sharing the latest scientific findings in companion animal nutrition, with the goal of elevating the nutrition conversation within the veterinary community. As the voice of Purina's science, the Purina Institute represents an extensive global research network, which has developed innovative nutritional breakthroughs for nearly a century; breakthroughs that have redefined the industry's standards of pet nutrition for healthy cats and dogs and those requiring specialized clinical nutrition. We would be very pleased to welcome you to our virtual booth. Check out our video and resources to find out more on our latest scientific discovery and campaign to help veterinarians take back the nutrition conversation.





Purina Pro Plan Veterinary Diets

(800) 222-VETS • www.PurinaProPlanVets.com

Purina is a leader in the field of canine and feline nutrition, helping you make a daily impact on your patients' quality of life. Stop by our exhibit to learn more about our breakthrough therapeutic Purina® Pro Plan® Veterinary Diets formulas and our probiotic supplements. Discover how innovative Purina research can help you nutritionally manage pets with diabetes mellitus, obesity, gastrointestinal, joint and urinary conditions, as well as nutritionally manage dogs with epilepsy as an adjunct to veterinary therapy. For more information, visit www.PurinaProPlanVets.com or call 1-800-222-VETS (8387).

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Royal Canin USA, Inc.

(800) 925-8426 • www.royalcanin.com

Royal Canin USA is a leader in science-based cat and dog health nutrition, whose product line offers a range of diets based on size, age, breed, lifestyle and therapeutic requirements. Royal Canin is a subsidiary of Mars, Incorporated. To learn more about Royal Canin, visit www.royalcanin.com. Our mission is to constantly bring through health nutrition and shared knowledge, the most precise nutritional solutions for each cat's health needs, by building on deepened scientific knowledge and on Royal Canin's roots in the feline professional network. Stop by and see our "NEXT GENERATION" of new formulas.

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Schultz Technology is a veterinary IT company, offering a plethora of IT/Technology services, including: IT Managed Services, IT Help Desk Support, Data Back Ups, VOIP Phone Systems, Telephone Integration Software, Security Cameras, Access Control, Voice and Data Cabling, Fire and Security Systems, and Low Voltage Design for new construction and remodels. We have partnered with many veterinary hospitals for their technology needs. Our goal is to assist and educate veterinary practices with technology upgrades to increase their efficiency and revenue. We are truly a one-stop technology business for veterinary practices.

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Scratch offers simple and affordable payment plans so your clients can tend to the care their pets need. We handle approvals, payment plans, and financing options, providing a "Care Now, Pay Later" mentality. We're the fastest growing financial provider in the veterinary industry, now offered in 1 in 5 veterinary clinics across America.

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Snyder Manufacturing Company

(800) 422-1932 • www.snydermfg.com

Snyder Mfg. Co., has been the leader in laminated animal care enclosures since 1957. Designer colors/custom designs are available to enhance the aesthetic environment of your facility. Faces and all corners are sealed with polyester resin, giving a watertight seal making cleaning easy and efficient. Each enclosure, in the Cat Cottage with Litter Pan Hiders unit, has its own exclusive litter pan area with porthole access. Another option is the Cottage Fresh Vent System. With this system, each compartment of the litter pan units has its own vent that connects into a central vent pipe in the back of the unit. The central vent can then be easily adapted to your HVAC system. The Corner Cat Cottage expands boarding capabilities. The new EuroCondo was designed to comply with the latest guidelines from the Pet Animal Care Facility Act. The most striking features are the horizontal gate bars to improve the view for the cats, the sizable increase in the amount of space, and the wrap-around benches. Additional products: Kennel Runs, Intensive Care Units, Cage Units, and Drying Cages.

Specialty Veterinary Pharmacy

(877) 673-3705 • www.svpmeds.com

SVPMEDS is a compounding pharmacy providing unmatched customer service in veterinary medicine. We offer a wide variety of dosage forms tailored to each patient. With low prices, fast turnaround time, family service, and 100% compliance, SVPMEDS is ready to take care of your compounding needs.

The International Cat Association, Inc. (TICA)

(956) 428-8046 • www.tica.org

TICA, The International Cat Association is the world's largest genetic registry of pedigreed and household pet cats, the first and now the world's largest—registry to allow household cats of unknown ancestry to compete for the same titles and awards as pedigreed cats. The responsible breeding of pedigreed cats preserves the distinct characteristics of individual pedigreed breeds and ensures the continuation of predictable physical and behavioral traits for future generations. TICA and its members work together to promote the preservation of pedigreed cats and the health and welfare of ALL domestic cats through education, responsible cat ownership, and proper care to the owners of millions of cats in 104 countries worldwide. TICA currently recognizes 71 breeds of cats from the ancient Abyssinian to the newer breeds like the Lykoi cat that exhibits a naturally occurring recessive gene in the feral cat population, and including the domestic inquisitive, loving natured Bengal. No matter where you are, you're in TICA's World. Fabulous felines, fun, and friendships.

The National Kitten Coalition

(571) 234-3756 • www.kittencoalition.org

The National Kitten Coalition is a nonprofit organization dedicated to saving lives through education. We are an AAVSB approved provider for RACE CE and offer educational programs on a wide variety of kitten-care topics. Our workshops, webinars and consultations are tailored to meet the unique needs of animal welfare professionals, veterinary staff, sheltering agencies and rescue organizations. Stop by our booth to learn how we can help you, your staff and your clients increase survival rates of kittens.

Toletta Cats

+81-50-3786-5414 • www.us.tolettacat.com

Toletta Cats provides a health monitoring cat litter box named Toletta. Toletta was created by veterinarians and engineers to make cats and people happier using technology and data. Toletta Cats changes cat healthcare by monitoring cat urinary behavior.

PAVILLION

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Topi-CLICK® dosing applicators provide an automated, metered dose of medication. Every product design including the NEW Topi-CLICK Micro® and the Topi-CLICK® 35 CLICK...Lick...GO!™ is accurate, innovative and easy-to-use. Pet parents and veterinarians can be assured pets receive an accurate dose of medication with every CLICK. Topi-CLICK® has been a pacesetter in the healthcare industry since the introduction of the popular topical dosing applicator in 2007. It's been featured on nationally syndicated television shows and cited in peer reviewed studies further enhancing the brand. Stop by our booth at AAFP for FREE product samples and a copy of the ARL PEER REVIEWED ACCURACY STUDY. Request samples and the accuracy study at <http://doselogix.com/samples>.



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Elura™

(capromorelin oral solution)

20 mg/mL
For oral use in cats only

CAUTION:

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

Before using Elura, please consult the product insert, a summary of which follows:

INDICATION:

For management of weight loss in cats with chronic kidney disease.

DOSAGE AND ADMINISTRATION:

Administer ELURA orally at a dose of 2 mg/kg (0.9 mg/lb) or 0.1 mL/kg (0.045 mL/lb) body weight once daily.

CONTRAINDICATIONS:

ELURA should not be used in cats that have a hypersensitivity to capromorelin.

WARNINGS:

Not for use in humans. Keep this and all medications out of reach of children and pets. Consult a physician in case of accidental ingestion by humans.

For oral use in cats only.

Do not use in cats with hypersomatotropism (acromegaly).

ELURA may increase serum glucose for several hours after dosing. Use in cats with current or historical diabetes mellitus has not been evaluated and use may not be appropriate.

PRECAUTIONS:

Use with caution in cats that may have cardiac disease or severe dehydration. ELURA causes transient decreases in heart rate and blood pressure up to 4 hours following dose administration. Some cats may exhibit clinical signs of bradycardia or hypotension following administration of ELURA.

Use with caution in cats with hepatic dysfunction. Capromorelin is metabolized in the liver in humans and dogs and similar metabolism is expected in the cat. The safe use of ELURA has not been evaluated in cats younger than 5 months old. The safe use of ELURA has not been evaluated in cats that are pregnant, lactating, or intended for breeding.

ADVERSE REACTIONS:

Safety was evaluated in a 56-day field effectiveness study in 176 client-owned cats (118 administered ELURA, 58 administered vehicle control) that received at least one dose. Cats enrolled had $\geq 5\%$ unintended weight loss and a history of chronic kidney disease (CKD). Cats had a mean age of 15 years and at enrollment 11.4% of the cats were in Stage 1 CKD, 66.5% were in Stage 2, 21.0% were in Stage 3, and 1.1% were in Stage 4. Cats enrolled in the study had a variety of comorbid conditions: dental disease (88.1%), moderate or severe muscle loss (43.2%), heart murmur (28.4%), history of vomiting or underlying gastrointestinal disease (28.4%), hyperthyroidism (13.6%) and hypertension (9.7%).

Table 1: Adverse Reactions in the Field Effectiveness Study

Adverse Reaction	ELURA (n=118)	Vehicle Control (n=58)
Vomiting	35 (29.6%)	13 (22.4%)
Hypersalivation	25 (21.2%)	0 (0.0%)
Inappetence	22 (18.6%)	7 (12.0%)
Behavior Change ^a	17 (14.4%)	3 (5.2%)
Lethargy	16 (13.6%)	6 (10.3%)
Anemia	11 (9.3%)	1 (1.7%)
Dehydration	11 (9.3%)	2 (3.4%)
Stage of CKD Increased ^b	10 (8.5%)	3 (5.2%)
Diarrhea	9 (7.6%)	2 (3.4%)
Urinary Tract Infection	8 (6.8%)	2 (3.4%)
Hyperglycemia	8 (6.8%)	2 (3.4%)
Upper Respiratory Infection	7 (5.9%)	1 (1.7%)
Hypercalcemia	7 (5.9%)	0 (0.0%)

Adverse Reaction	ELURA (n=118)	Vehicle Control (n=58)
Facial Skin Lesion	6 (5.1%)	3 (5.2%)
Hyperkalemia	5 (4.2%)	0 (0.0%)
Ataxia	4 (3.4%)	0 (0.0%)
Diabetes Mellitus	1 (0.8%)	0 (0.0%)
Congestive Heart Failure	1 (0.8%)	0 (0.0%)

Note: If an animal experienced the same event more than once, only the first occurrence was tabulated.

^a Behavior change included hiding from the owner (8 ELURA, 1 vehicle control); owner reported difficulty administering medication (7 ELURA, 1 vehicle control); and redirected aggression to another household cat (2 ELURA, 1 vehicle control).
^b Two ELURA and 1 vehicle control cat increased by two CKD stages; 8 ELURA and 2 vehicle control cats increased one CKD stage. It could not be determined if the progressive renal disease was the natural course of the pre-existing disease or treatment related.

Hypersalivation was generally associated with dosing and resolved within a few minutes.

Nine cats (8 ELURA and 1 vehicle control) either died or were euthanized during or shortly after the study. Six ELURA cats were euthanized or died from decompensated CKD. One ELURA cat was euthanized after study withdrawal on Day 33 for declining quality of life and recent identification of a new mass. One ELURA cat acutely declined and was euthanized for findings of nodules in both kidneys and diagnosis of sarcoma. The vehicle control cat was euthanized for acute onset of right hindlimb paresis and suspected embolic event. Two additional cats were diagnosed with neoplasia during the study (one ELURA cat with unspecified soft tissue sarcoma and one control cat with mammary adenocarcinoma) but completed the study. In voluntary post-approval reporting for extra-label use of a capromorelin product for dogs, the following adverse events have been reported in cats (listed in decreasing order of reporting frequency): bradycardia, lethargy, hypersalivation, hypotension, behavior change, and vomiting.

To report suspected adverse events, for technical assistance or to obtain a copy of the Safety Data Sheet (SDS), contact Elanco US, Inc. at 1-888-545-5973.

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

EFFECTIVENESS:

Effectiveness was demonstrated in a multicenter, prospective, masked, randomized, vehicle-controlled field study. The study enrolled 176 client-owned cats with $\geq 5\%$ unintended weight loss and a history of chronic kidney disease. The cats enrolled included 96 females and 80 males of various breeds, 4.4 - 22.1 years old with a mean age of 15 years and weighing 1.81 - 6.76 kg. CKD stage was determined based on creatinine at screening according to the International Renal Interest Society (IRIS) 2015 guidelines. All stages were enrolled. Cats were administered ELURA at 2 mg/kg or a matched volume of control once daily by mouth for 56 days. The control was the solution without capromorelin (vehicle control). The primary effectiveness variable was the percent change in body weight from Day 0 to Day 55. Effectiveness was evaluated in 112 cats: 71 cats administered ELURA and 41 cats administered vehicle control. There was a statistically significant difference between the percent change in weight for the ELURA group (+5.2%) compared to the vehicle control group (-1.6%) at Day 55 ($p < 0.0001$). Secondary analysis for percent change in weight at Day 15 and Day 27 demonstrated cats in the ELURA group gained weight throughout the study.

STORAGE CONDITIONS:

Store at or below 86°F (30°C)

HOW SUPPLIED:

20 mg/mL flavored oral solution in a 15 mL bottle with an oral dosing syringe.

Approved by FDA under NADA # 141-536.

Manufactured for: Elanco US Inc, Greenfield, IN 46140 USA

REV. DATE-10/2020

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Semintra®

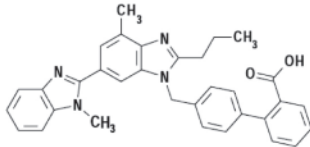
(telmisartan oral solution)

10 mg/mL

For oral use in cats only
Angiotensin II Receptor Blocker

Caution: Federal law restricts this drug to use by or on the order of a licensed veterinarian.

Description: SEMINTRA (telmisartan oral solution) is a clear, colorless to yellowish viscous solution containing 10 mg/mL telmisartan. Telmisartan is an orally active, non-peptide, selective angiotensin II subtype 1 (AT1) receptor blocker. The chemical name of telmisartan is 4-[[1,4'-dimethyl-2'-propyl[2,6'-bi-1H-benzimidazol]-1'-yl]methyl]-[1,1'-biphenyl]-2-carboxylic acid. Its empirical formula is C₃₃H₃₉N₄O₂, its molecular weight is 514.63, and its structural formula is:



Indication: SEMINTRA is indicated for the control of systemic hypertension in cats.

Dosage and Administration: Always provide the Client Information Sheet with each prescription.

The initial dose of SEMINTRA is 1.5 mg/kg (0.68 mg/lb) orally twice daily for 14 days, followed by 2 mg/kg (0.91 mg/lb) orally once daily. The dose may be reduced by 0.5 mg/kg (0.23 mg/lb) increments to a minimum of 0.5 mg/kg (0.23 mg/lb) orally once daily to manage SEMINTRA-induced hypertension. SEMINTRA can be administered directly into the mouth, or next to or on top of a small amount of food. Do not mix into food.

SEMINTRA should be administered using the dosing syringe provided in the package. The dosing syringe fits onto the bottle and has 0.1 mL incremental marks. The dose should be rounded to the nearest 0.1 mL. After administration close the bottle tightly with the cap. Rinse the dosing syringe with water and let air dry.

If the cat vomits within 30 minutes of dosing, the cat may be re-dosed.

Information for Cat Owners

Always provide the Client Information Sheet with each prescription and review it with the cat owner. Advise cat owners that adverse reactions can occur with use of SEMINTRA. The most common adverse reactions reported during the field studies included vomiting, diarrhea, lethargy, weight loss, anemia and dehydration.

Contraindications: Do not use in cats with a hypersensitivity to telmisartan.

Human Warnings: Not for human use. Keep out of reach of children.

SEMINTRA is an angiotensin II antagonist/angiotensin receptor blocker (ARB). Pregnant women should avoid contact with SEMINTRA because substances that act on the renin-angiotensin-aldosterone system (RAAS) such as angiotensin receptor blockers (ARBs) can cause fetal and neonatal morbidity and death during pregnancy in humans.

Precautions: SEMINTRA has not been evaluated in cats with systolic blood pressure >200 mm Hg.

SEMINTRA can cause mild anemia or nonregenerative anemia. Cats should be monitored for anemia when initiating treatment with SEMINTRA.

SEMINTRA may cause inappetence and weight loss in some cats. Cats should be monitored for weight loss when initiating treatment with SEMINTRA. Use with caution in cats with a history of vomiting, inappetence or weight loss.

The safe use of SEMINTRA in cats with hepatic disease has not been evaluated. SEMINTRA is metabolized by the liver.

The safe use of SEMINTRA has not been evaluated in cats less than 9 months of age.

The safe use of SEMINTRA has not been evaluated in cats that are pregnant, lactating, or intended for breeding. See **Human Warnings**.

The safe use with other anti-hypertensive medications has not been evaluated.

Adverse Reactions:

28-day Field Effectiveness Study Safety was evaluated in a 28-day field study in 288 cats (192 SEMINTRA group cats, 96 control group cats) that received at least one dose of study drug. The control product was a vehicle control without telmisartan. Cats enrolled in the study had a median age of 14 years (7-20 years), and weighed 1.93-11.4 kg. SEMINTRA was administered orally at 1.5 mg/kg twice daily for 14 days, then 2 mg/kg once daily until study end; the control was administered at a volume equivalent to SEMINTRA. One hundred fourteen (59.4%) SEMINTRA group cats and 42 (43.8%) control group cats had at least one adverse reaction. Adverse reactions that occurred in at least 5% of either treatment group are presented in Table 1 below.

Table 1 Adverse Reactions in the 28-Day Field Study^a

Clinical Sign	SEMINTRA N=192	Control N=96
Vomiting	46 (24.0%)	14 (14.6%)
Diarrhea	18 (9.4%)	4 (4.2%)
Lethargy	13 (6.8%)	3 (3.1%)
Weight loss	13 (6.8%)	5 (5.2%)
Decreased appetite/ Inappetence	13 (6.8%)	7 (7.3%)
Non-regenerative anemia	11 (5.7%)	2 (2.1%)
Dehydration	10 (5.2%)	4 (4.2%)
Retinal lesions (target organ damage)	4 (2.1%)	6 (6.3%)

Additional adverse reactions that occurred in <5% of the SEMINTRA group included (in order of decreasing frequency): anorexia, gagging, arrhythmia, cough, heart murmur, and regenerative anemia. Additional adverse reactions representing 2-5% of the control group included azotemia, not drinking and renal failure.

Seven cats (five SEMINTRA and two control) either died or were euthanized during the study. None of the SEMINTRA group deaths were considered related to treatment.

5-month Field Effectiveness and Safety Study

The long-term safety of SEMINTRA was evaluated in an open-label, 5-month field effectiveness and safety study in 107 cats that received at least one dose of SEMINTRA. Cats enrolled in the study had a mean age of 14.1 years (7-20 years) and weighed 1.92-11.4 kg. SEMINTRA was administered orally at 2 mg/kg once daily. Ninety-four cats (87.9%) had at least one adverse reaction during the study. Adverse reactions that occurred in at least 5% of cats are presented in Table 2 below.

Table 2 Adverse Reactions in the 5-Month Study^a

Clinical Sign	SEMINTRA N = 107
Weight loss	37 (34.6%)
Vomiting	32 (29.9%)
Dehydration	18 (16.8%)
Non-regenerative anemia	17 (15.8%)
Anorexia	14 (13.1%)
Diarrhea	12 (11.2%)
Lethargy	12 (11.2%)
Decreased appetite/inappetence	11 (10.3%)
Heart murmur	10 (9.3%)
Death, Euthanasia, Found dead	9 (8.4%)
Cough	8 (7.5%)
Retinal lesions (target organ damage)	6 (5.6%)

Adverse reactions representing <5% of the study population were (in order of decreasing frequency): elevated liver enzymes, renal failure, tachycardia, arrhythmia, azotemia, depression, loose stool, constipation, gagging, hypotension, regenerative anemia, renal insufficiency, and vocalization.

Nine cats died or were euthanized during the study. Three cats had progressive chronic kidney disease that may have been affected by telmisartan treatment, concurrent disease, or inadequate control of hypertension. The other six cats died of causes unrelated to treatment (e.g. neoplasia).

To report suspected adverse drug events, for technical assistance, or to obtain a copy of the Safety Data Sheet (SDS), contact Boehringer Ingelheim Vetmedica, Inc. at 888-637-4251. For additional information about adverse drug experience reporting for animal drugs, contact FDA at 1-888-FDA-VETS or at <http://www.fda.gov/reportanimal>.

Clinical Pharmacology: Telmisartan is a selective angiotensin II subtype AT1 receptor blocker, with no relevant affinity for other receptors in the general receptor-binding assays. Telmisartan is metabolized to the 1-O-acetylglucuronide of telmisartan, which, in cats treated for 6 days at 1 mg/kg, was shown to be present in the plasma at levels approximately 21% of that of unchanged parent compound.

Following an oral dose of 1 mg/kg telmisartan once daily for five days, the time to reach mean peak plasma concentration (T_{max}) was 21 minutes and 32 minutes for fasted and fed cats, respectively. There was a higher systemic exposure to telmisartan in the fasted cats based on the maximum concentration (C_{max}) and area under the concentration vs time curve (AUC). The mean terminal elimination half-life was approximately 8 hours. The mean systemic exposure of telmisartan (C_{max} and AUC) was approximately 60% lower for female cats compared to male cats. However, dose adjustment for female cats is not necessary. An increase in dose from 1 to 5 mg/kg once daily resulted in a greater than proportional increase in telmisartan exposure. There could be low to moderate accumulation of drug upon repeated once daily or twice daily administrations of 1.5-2 mg/kg.

Effectiveness: Effectiveness was demonstrated in a 28-day multi-center, controlled, randomized and masked field study in client-owned cats with hypertension, and in an open-label 5-month field study.

28-Day Field Study

In the 28-day study, 288 cats with hypertension (systolic blood pressure [SBP] 160-200 mmHg) were enrolled in the study and randomized to treatment with SEMINTRA (telmisartan oral solution) (n=192) or vehicle control (n=96).

Table 3 Distribution of Cats by SBP Range and Study Day in the 5-Month Study^a

SBP Range (mm Hg)	Baseline N=107 n (%)	Day 28 N=107 n (%)	Day 56 N=102 n (%)	Day 98 N=91 n (%)	Day 140 N=80 n (%)	Day 182 N=69 n (%)
≤ 150	0 (0%)	58 (54.2%)	55 (53.9%)	61 (67%)	44 (55%)	41 (59.4%)
>150-160	4 (3.7%)	19 (17.8%)	19 (18.6%)	17 (18.7%)	21 (26.2%)	16 (23.2%)
>160-170	38 (35.5%)	18 (16.8%)	14 (13.7%)	10 (11%)	12 (15%)	7 (10.1%)
>170-180	28 (26.2%)	12 (11.2%)	10 (9.8%)	2 (2.2%)	3 (3.8%)	4 (5.8%)
> 180	37 (34.6%)	0 (0%)	4 (3.9%)	1 (1.1%)	0 (0%)	1 (1.5%)

^a SBP obtained at unscheduled visits are not represented. Cats that were removed for missing >3 doses prior to SBP measurement are not included.

The study population included cats with hypertension associated with chronic kidney disease or controlled hyperthyroidism, or idiopathic hypertension. The per protocol population for effectiveness was 141 SEMINTRA treated cats and 79 control cats. SEMINTRA was administered orally at 1.5 mg/kg twice daily for 14 days, then 2 mg/kg once daily until study end; the vehicle control was administered at a mL/kg volume equivalent to SEMINTRA. The two primary variables for effectiveness were comparison of the SEMINTRA and control group mean SBP (mSBP) from baseline to Day 14, and a decrease in mSBP >20 mmHg in the SEMINTRA group from baseline to Day 28. Cats with SBP >180 mmHg at Days 14 or 28 were rescued and removed from the study. There was a statistically significant difference between the mSBP for the SEMINTRA group compared to the control group at Day 14 (p=0.0005). At Day 14 the SEMINTRA group mSBP decreased by 23.2 mmHg, and the control group mSBP decreased by 7.3 mmHg. At Day 28, the SEMINTRA group mSBP decreased 23.9 mmHg compared to baseline.

5-Month Field Study

One hundred-seven cats from the SEMINTRA group that had successfully completed the 28-day study were enrolled in a 5-month open label study. At the beginning of the 5-month study most cats were administered SEMINTRA at 2 mg/kg once daily. Cats that experienced hypotension (defined as SBP <120 mmHg) at 2 mg/kg once daily could have the SEMINTRA dose reduced to 1 mg/kg once daily. Cats that experienced hypotension at 1 mg/kg once daily could have the SEMINTRA dose reduced again to 0.5 mg/kg once daily. Cats were evaluated for SBP, target organ damage (TOD; primarily assessed by retinal photographs), clinical pathology and adverse reactions. SBP was measured on Days 28, 56, 98, 140 and 182 and retinal photographs and clinical pathology were collected on Days 28, 98 and 182. Seventy-three (68.2%) cats completed the study (Day 182), 8 cats were removed for hypertension (SBP >180 mmHg), 2 cats were removed for hypotension, 10 cats were removed by the owner or for owner noncompliance, 8 cats were removed for new or worsening TOD, and 6 cats were removed for adverse reactions unrelated to TOD. Twenty-six cats had dose reductions to 1 mg/kg once daily to manage hypotension. Of these 26 cats, 10 had an additional dose reduction to 0.5 mg/kg once daily.

The most commonly used concomitant treatments during the 5-month study included (in order of frequency) antibiotics, anesthesia/sedatives/analgesia, nutritional supplements, vaccines, prescription diets, antiparasitics, thyroid treatment, antiemetics and fluid therapy.

Animal Safety: In a six-month target animal safety study, healthy cats 9 to 13 months old were administered telmisartan orally, once daily at 0, 1, 3, or 5 mg/kg body weight.

Control cats (0 mg/kg) received saline at a volume equal to the 5 mg/kg dose. There were eight cats per group (4 males, 4 females).

All cats survived the study, and there were no telmisartan-related effects on clinical observations, physical examination, body weight, ophthalmic examination, coagulation parameters, urinalysis, and gross necropsy.

Blood pressure was lower in the groups administered telmisartan compared to the control group. Blood pressure was lower starting at week 4 in the 1 mg/kg group, at week 2 in the 3 mg/kg group, and during the first week in the 5 mg/kg group. This is an expected pharmacologic effect of telmisartan. Food consumption in the 3 and 5 mg/kg group cats was lower than that of the control group.

Telmisartan-related effects on hematology parameters included lower red blood cell count, hemoglobin, hematocrit, and reticulocytes in the 3 and 5 mg/kg group cats. One 5 mg/kg group cat also had mild generalized depletion of the hematopoietic cells on bone marrow histology. In some 5 mg/kg group cats, decreases in red blood cell precursors on bone marrow cytology were considered telmisartan-related.

Blood urea nitrogen (BUN) was statistically significantly higher for the 3 mg/kg group at weeks 12 and 16, and for the 5 mg/kg group at weeks 2, 4, 7, 12, 16, 20, and 25, when compared to the control group. There were no clinical signs associated with the changes in BUN.

There was a telmisartan-related effect on lower heart weight in the 3 and 5 mg/kg groups compared to the control group, but the histopathology was normal in all treated cats. On kidney histology, there was minimal to mild hypertrophy of the juxtaglomerular apparatus in the 1, 3, and 5 mg/kg group cats. Kidney histology was normal in control group cats.

Storage Conditions: Store at or below 25°C (77°F) with excursions permitted up to 40°C (104°F). Once the bottle is opened, use the contents within six months.

How Supplied: SEMINTRA (telmisartan oral solution), 10 mg/mL, 35 mL fill volume, is supplied in a 45 mL plastic bottle with a dosing syringe. NDC 0010-4492-01

Approved by FDA under NADA # 141-501

Manufactured by:

Boehringer Ingelheim Animal Health USA Inc.
Duluth, GA 30096.

Made in Spain

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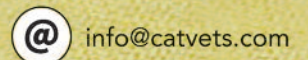
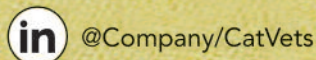
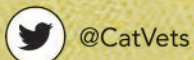
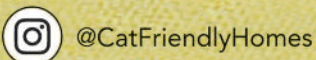
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RECORD OF PARTICIPATION IN CONTINUING EDUCATION PROGRAM

In-person Attendance ONLY


Retain This Sheet For Your Records

Attendee Name: _____

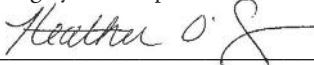
Please Note: This form is to be used for in-person attendance only. Attendees who want to watch the on-demand sessions or any live sessions that were missed in person can do so on the virtual conference platform and will need to complete the CE quiz on the virtual platform. A second CE form is available on the virtual platform that will show those hours completed.

RACE Approval for American Association of Feline Practitioners 2021 Annual Conference

This program 20-878796 is approved by the AAVSB RACE to offer a total of 66 CE Credits (28.50 max) being available to any one veterinarian: and/or 66 Veterinary Technician CE Credits (28.50 max). This RACE approval is for the subject matter categories of: Category: Medical Program using the delivery method of Seminar/Lecture. This approval is valid in jurisdictions which recognize AAVSB RACE; however, participants are responsible for ascertaining each board's CE requirements. RACE does not "accredit" or "endorse" or "certify" any program or person, nor does RACE approval validate the content of the program.

Additional Approval: 
Approved as a New York State sponsor of continuing education for veterinarians and veterinary technicians

I hereby certify that the above named individual is registered as a participant at the AAFP 2021 Annual Conference, themed Anesthesia, Analgesia, & Surgery, held September 30 - October 3, 2021 in Phoenix, AZ.

Signed: 
 Heather O'Steen, AAFP Chief Executive Officer (CEO)

At the AAFP 2021 Annual Conference, I attended the following programs:

ATTENDED	CE	TITLE OF SEMINAR SESSION
7.5		Total CE per individual for Thursday, September 30, 2021
	1.5	Providing for the Behavioral Needs of Each Cat, Dr. Valarie Tynes
	1	The New Cat Parent: How to Exceed their Expectations for Feline Healthcare & Wellbeing, Dr. Natalie Marks
	1	To Cut or Not to Cut: Incorporating New Technologies & Avoiding the Pitfalls in the Treatment of Feline Uroliths, Dr. Judy Lulich
	1	ISCAID Antimicrobial Use Guidelines: Which Antimicrobial, What Dose, & For How Long?, Dr. Jane Sykes
	1	Current Concepts in Feline Vaccination, Dr. Jane Sykes
	1	Is a Positive Really Negative? Interpretation of Diagnostic Tests for Infectious Diseases, Dr. Jane Sykes
	1	Update on Feline Viral Infections: Pearls of Wisdom, Dr. Jane Sykes
7		Total CE per individual for Friday, October 1, 2021
	1	The Intertwine of Fear & Pain: A Spinning Wheel with Implications for Cats & Their Caregivers, Dr. Tamara Grubb
	1	Purrfecting Your Acute Pain Assessment Skills, Dr. Sheilah Robertson
	1	Having the Nerve: Local Anesthetic Techniques You Should be Using - Part 1, Dr. Mark Epstein
	1	A Pain Most Malicious: Understanding, Preventing, & Treating Maladaptive Pain, Dr. Tamara Grubb
	1	Having the Nerve: Local Anesthetic Techniques You Should be Using - Part 2, Dr. Mark Epstein
	1	Lunch & Learn #1: What the Guidelines Say on Identifying, Evaluating, & Managing Feline Hypertension, Dr. Mark Acierno
	1	Lunch & Learn #2: What is Your Patient Telling You? Integrate All the Moving Parts, Dr. Guillermo Couto
	1	Lunch & Learn #3: Don't Stress! Practical Management of Feline Lower Urinary Tract Disease, Dr. Jessica Markovich
	1	Lunch & Learn #4: Identifying & Treating Chronic OA Pain: Help is on the Way!, Dr. Elizabeth Colleran
	1	I'm Old, Painful, & My Mouth Hurts: Dental & Other Protocols for Patients with Pre-existing Pain, Dr. Tamara Grubb
	1	Feline Pain Management Beyond Opioids & NSAIDs: Part 1, Dr. Mark Epstein
	1	Anesthesia & Analgesia for Cats with Cardiac and/or Airway Comorbidities, Dr. Tamara Grubb
	1	Feline Pain Management Beyond Opioids & NSAIDs: Part 2, Dr. Mark Epstein
	1	Anesthesia & Analgesia for Cats with Endocrine Comorbidities, Dr. Tamara Grubb
	1	Is Your Anesthetized Patient in Trouble?, Dr. Sheilah Robertson

ATTENDED	CE	TITLE OF SEMINAR SESSION
7 Total CE per individual for Saturday, October 2, 2021		
	1	The Whole Package: Anesthesia & Surgery Tips for Common but Sometimes Tricky Cases, Drs. Sheilah Robertson & Bryden Stanley
	1	Intestinal Anastomosis: Tips to Make it Easier, Dr. Howard Seim
	1	Making End of Life Decisions, Dr. Sheilah Robertson
	1	Visceral Organ Biopsy, Dr. Howard Seim
	1	The Last Appointment: How to Navigate Smoothly Through Euthanasia Appointments, Dr. Sheilah Robertson
	1	Surgery of the Pancreas, Liver, & Biliary System, Dr. Howard Seim
	1	<i>Lunch & Learn #1: Monitoring the Difficult Diabetic Cat: Role of Continuous Glucose Monitoring, Dr. Catharine Scott-Moncrieff</i>
	1	<i>Lunch & Learn #2: Enhancing Compliance & Reducing Stress: A Modern Perspective on Feline Parasite Protection, Dr. Robert Lavan</i>
	1	<i>Lunch & Learn #3: Digital Cytopathology: Real-time Expert Help in Your Everyday Practice, Dr. Eric Morissette</i>
	1	Creating a Culture of Perioperative Safety in your Clinic, Drs. Sheilah Robertson & Bryden Stanley
	.5	Wound Management Secrets, Dr. Howard Seim
	.5	Managing Feline Ear Polyps, Dr. Howard Seim
	1	The Whole Package: Anesthesia & Surgery Tips for Common but Sometimes Tricky Cases in Kittens & Young Cats, Drs. Sheilah Robertson & Bryden Stanley
	.5	Feline Subtotal Colectomy, Dr. Howard Seim
	.5	Colopexy for the Treatment of Recurrent Rectal Prolapse, Dr. Howard Seim
7 Total CE per individual for Sunday, October 3, 2021		
	1	Detecting, Diagnosing, & Monitoring Feline OA Pain: A Practical Approach, Dr. Duncan Lascelles
	1	NSAIDs for Chronic Pain Control in Cats: An Update, Dr. Duncan Lascelles
	1	How to Perform a Successful Orthopedic Examination, Dr. Duncan Lascelles
	1	Perineal Urethrostomy & Other Options in Cats with FUS, Dr. Bryden Stanley
	1	Anti-NGF mAbs for Chronic Pain Control: The Science, Dr. Duncan Lascelles
	1	Revisiting Halsted's Principles (But Not His Habits!): Tips to Better Surgery, Dr. Bryden Stanley
	1	<i>Lunch & Learn #1: Update on the Management of Stress Associated Illness in Cats, Dr. Michael Lappin</i>
	1	<i>Lunch & Learn #2: Procedural Sedation & Analgesia in the Cat, Dr. Brad Simon</i>
	1	<i>Lunch & Learn #3: Stem Cell Therapy in the Domestic & Exotic Feline: Could This be the Answer to Your Difficult Cases?, Dr. Robert Harman</i>
	1	Anti-NGF mAbs for Chronic Pain Control: The Evidence, Dr. Duncan Lascelles
	1	Chylothorax: An Update, Dr. Bryden Stanley
	1	Wearables for Diagnosis & Monitoring of Pain: Where Are We?, Dr. Duncan Lascelles
	1	Atypical Cutaneous Infections in Cats, Dr. Bryden Stanley
28.5	Total Conference CE (General Conference is 18 Hours; Lunch & Learn's are 3 Hours, and Pre-Conference Day is 7.5 Hours - Separate Registration Required)	

Name: _____ License Number: _____

Address: _____ State of Licensure: _____

I attest that I attended the above number of CE sessions, totaling _____ hours at the American Association of Feline Practitioners 2021 Annual Conference held September 30 - October 3, 2021 in Phoenix, AZ.

Signature _____ Date _____

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