HANDS-ON WOR	KSHOPS AT TH	E ROSEN CENTRE*	
time	location	title/speaker	
8:30 AM - 5:30 PM	SALON 1/2	Applied Anatomy and Surgical Approaches for Common Orthopedic Procedures Donald Hulse, Brian Beale, Mike Kowaleski, Laura Peycke	V
8:30 AM - 12:30 PM	SALON 3/4	Canine Lameness Examination Ross Palmer, Jessica Barrera, Clara Goh, Sarah Marvel	V
	SALON 9/10	Creating the Cooperative Canine Patient Karen Overall, Deb Bryant, Lynn Honeckman, Pat Miller	V   N/T
	SALON 5/6	Emergent Care for Special Species Heather Barron, Sonia Hernandez, Bianca Zaffarano	V   N/T
	SIGNATURE 2	SHIFT Happens: Next Stage Veterinary Business Model - Introductory Workshop  Elise Lacher, Bill Kearley, Jeff Thoren, Robert Trimble	V   N/T   PM
	SALON 11/12	Ultrasound for the Veterinary Nurse/Technician Kip Berry, Danielle Mauragis, Lisa McElveen, Erin Porter	N/T
1:30 - 5:30 PM	SALON 3/4	Canine Orthopedic Splinting, Casting & Joint Tap/Injections Ross Palmer, Jessica Barrera, Clara Goh, Sarah Marvel	V
	SALON 15/16	Feline Friendly Handling Diane Eigner, Ilona Rodan	V   N/T

WORKSHOPS AT THE OCCC SOUTH CONCOURSE*				
8:30 - 10:30 AM	S230 B/C	USDA Veterinary Accreditation Orientation Program	USDA	
1:30 - 4:30 PM	S230 B/C	USDA - International Export Certification of Pet Workshop	USDA	

MEET THE PROFESSOR LUNCHEONS AT THE ROSEN CENTRE*					
time	session	location	title/speaker		
12:00 - 1:30 PM	MTPL1	SALON 17	Frustrating Eye Diseases: How to Effectively M Brian Gilger	1anage Them	V
	MTPL2	SALON 18	Addressing the Dirty Margin in Surgical Oncol Nicole Ehrhart	ogy	V
	MTPL3	SALON 19	The Vomiting Cat: An Engima?  Todd Tams	KindredBio ∫	V
	MTPL4	SALON 20	Periodontal Therapies: Treating the #1 Disease Christopher Snyder	e in Your Practice	V

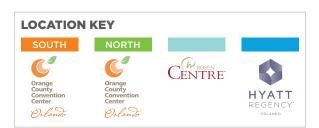
ROUNDS AT THE ROSEN CENTRE*					
time	session	location	title/speaker		
2:40 - 4:40 PM R1 SALON 17		SALON 17	Chronic Hepatitis: Update on Diagnosis and Management Dave Twedt	V	
	R2	SALON 18	Should I Repair This Fracture? Case Discussion Stanley Kim	V	
	R3	SALON 19	A Worksheet to Get New Clients & Keep Them Coming Back!  Louise Dunn, Eric Garcia	V   N/T   PM	
1:30 - 5:00 PM	R4	SIGNATURE 2	Become a Manager that Stands Out: Tackling the Necessary Talent and Tools Required  Amy Kelley-Williams	V   N/T   PM	

\*Additional fees apply. Preregistration required. Check Registration for availability.

## ATTENDEE KEY

EVENING SESS	IONS		
time	location	sponsor	session
5:30 - 6:45 PM	S230 B/C	Aesculight CO, LASER SURGERY - A cut above the rest	Myths and Physics of Surgical Lasers/Oral Laser Surgery: Ahhh!  Noel Berger, Peter Vitruk
	S230 G/H	Bank of America	The How to's of Starting, Expanding or Building Your Veterinary Clinic Bert Hockenberry, Ken Jorgenson, Mike Rubio, David Soto, Mark Steiner
	S330 E/F	NATURAL  Veterinary Dier	Solutions for Chronic Urinary Stone Formers  Julie Byron
	S330 A-D	Elanco	Become a Fear Free <sup>sM</sup> Superstar - Tips, Tricks, & Magical Moments Jonathan Bloom
	S320 E-H	ElleVet.	The Future of Hemp in Veterinary Medicine, Looking Forward 5-10 Years Stephen Cital, Fred Metzger, Joe Wakshlag
	S230 D-F	SeaWorld.	Rescue 911: Trials and Tribulations of Aquatic Animal Rescue Shane Boylan, Tres Clarke, Bob George, Todd Schmitt
	S320 A-D	zoetis	Evaluating the Emergency Patient in Your Practice - It's More Simple Than You'd Think Benjamin Brainard, Richard Goldstein

program		SMALL.	SMALL ANIMAL		
track	DENTISTRY	RESPIRATORY MEDICINE SMALL ANIMAL MEDICINE		SMALL ANIMAL SURGERY	
location	WINDERMERE Y	WINDERMERE Z	WINDERMERE W	WINDERMERE X	
sponsor					
8:00 - 8:50 AM	Surgical Tooth Extraction in Dogs: No Need to Be Intimidated! Mark M. Smith	Case-based Interpretation of Thoracic Radiographs in Dogs Trisha Oura, Elizabeth Rozanski	Let's Wait and See: When it's Right and When it's Not in Managing Soft Tissue Sarcoma Barb Biller	Tricky Wounds: Practical Reconstruction Techniques <i>Brad Case</i>	
9:00 - 9:50 AM	Surgical Tooth Extraction in Cats: Make Gone What Needs to Go! Cindy Charlier	Case-based Interpretation of Thoracic Radiographs in Cats Trisha Oura, Elizabeth Rozanski	Recent Advances in Diagnosing and Treating Canine Lymphoma Barb Biller	Lumps, Bumps, and Biopsy: Approaching the Cancer Patient Nicole Ehrhart	
9:50 - 10:30 AM	BREAK				
	DON'T MISS THE MORN	ING CHEW FEATURING ROB L	OWE • 10:30 AM • HYATT REGE	ENCY	
11:45 AM - 1:45 PM		LUN	ІСН		
	Tooth Extraction Complications: Not in My House! Cindy Charlier	When X-Rays Are Not Enough Trisha Oura, Elizabeth Rozanski	The Busy Veterinarian's Guide to Managing Hypercalcemia Barb Biller	HOW I TREAT SURGERY WINDERMERE X  Safe and Efficient	
1:45 - 2:35 PM				Splenectomy  Brad Case  Scrotal Urethrostomy for the Blocked Male Dog  Brad Case	
2:45 - 3:35 PM	Oronasal Fistula: Close It and Keep It Closed! Mark M. Smith	Brachycephalics: It is More Than Just a Short Nose <i>Elizabeth Rozanski</i>	Advanced Ocular Therapeutics: Management of Intraocular Inflammation in Dogs and Cats Brian Gilger	Helping Owners Through the Amputation Decision Nicole Ehrhart	
				Bone Biopsy for the General Practitioner Nicole Ehrhart	
3:35 - 3:55 PM		BRI	EAK		
3:55 - 4:15 PM	Extracting Root Fragments: In Canals and Cavities, OH MY! Mark M. Smith	Trapped Lung Elizabeth Rozanski	How I Treat Corneal Ulcers that Won't Heal <i>Brian Gilger</i>	Surgical Stapler Applications  Brad Case	
4:25 - 4:45 PM	Extracting Persistent Deciduous Teeth: Let's Remove the WHOLE Tooth! Cindy Charlier	Nasal-tracheal Oxygen and Temporary Palate Tacking <i>Elizabeth Rozanski</i>	How I Treat Dry Eye in Dogs Brian Gilger	Phalangeal Fillet: Reconstructing the Digital Pac Nicole Ehrhart	



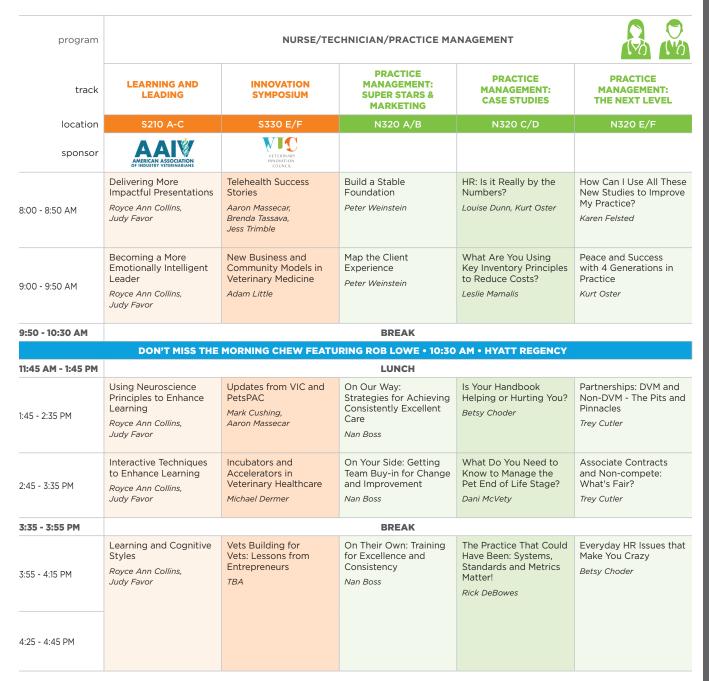
program			SMALL ANIMAL		
track	AMERICAN ACADEMY OF VETERINARY ACUPUNCTURE	AMERICAN COLLEGE OF VETERINARY DERMATOLOGY	ANIMAL CSI: VETERINARY FORENSICS	CANINE SPORTS MEDICINE	COMPARATIVE GASTROENTEROLOGY SOCIETY
location	S331 A/B	S320 A-D	S230 D-F	S210 D/E	S330 A-D
sponsor		ZOETIS PETCARE			ROYAL CANIN
8:00 - 8:50 AM	TCVM Food Classifications: Which Foods Do What? Constance DiNatale	New Therapies for Canine Atopic Dermatitis: What to Use and When Terese DeManuelle	Partners in Crime: Real Life Cases of Animal Cruelty and Human Crimes Kris Otteman	Updates from the Clinic Floor: Integrative Modalities <i>Lindsay Hochman</i>	Pancreatitis: Getting the Diagnosis and Starting Treatment Marnin Forman
9:00 - 9:50 AM	Which Foods Do What? Without Using a Food Chart Constance DiNatale	The Fungus Among Us! Latest Developments in Dermatophytosis Diagnosis and Treatment Kim Coyner	Partners in Crime: Real Life Cases of Animal Cruelty and Human Crimes - Part 2 Kris Otteman	Platelets and Cannabis: Advances in Gerontology Joseph Wakshlag	Cholangitis: Easy to Miss and (Kinda) Easy to Diagnosis? Marnin Forman
9:50 - 10:30 AM			BREAK		
	DON'T MISS THE	MORNING CHEW FEATU	RING ROB LOWE • 10:30	AM • HYATT REGENCY	
11:45 AM - 1:45 PM			LUNCH		
1:45 - 2:35 PM	Using Foods in Treatment Protocols Constance DiNatale	Managing Canine Methicillin Resistant Staphylococcus: What Has Changed? Terese DeManuelle	Truth of Fiction: Analysis of Patterned Injuries Melinda Merck	How to Build a Detection Dog Cynthia Otto	Protein-losing Enteropathy: Diagnosis and Therapy Albert Jergens
2:45 - 3:35 PM	Yunnan Pai Yao, the Wonder Formula: How to Use It Constance DiNatale, Nate Heilman	Make Your Microscope Enhance Your Dermatology Patient Care: Pictorial Guide to In-house Cytology of Inflammatory Skin Lesions and Masses Kim Coyner	Veterinary Analysis of Video Evidence: An Important Role of the Veterinarian Melinda Merck	A National Detection Dog Breeding Cooperative: Addressing the National Shortage of Detection Dogs Cynthia Otto	Progress and Pitfalls: Feline IBD vs GI Lymphoma Albert Jergens
3:35 - 3:55 PM			BREAK		
3:55 - 4:15 PM	Formulas for Oncology Cases: What to Use When Nate Heilman	Intradermal Skin Testing and Oral Immunotherapy for Feline Asthma Terese DeManuelle	Mystery Theater: Case Presentation 1 Melinda Merck	Canine Down! Emergency Field Medicine for Working Dogs Cynthia Otto	Placing an E-Tube or G-Tube in Less Than 5 Minutes Marnin Forman
4:25 - 4:45 PM		Nose-it is: Diagnosis and Treatment of Nasal Dermatoses Kim Coyner	Mystery Theater: Case Presentation 2 Kris Otteman		Update: Probiotic Therapy for GI Diseases Albert Jergens



program		LARGE ANIMAL		
track	EQUINE TOXICOLOGY	EQUINE UROGENITAL CONDITIONS		
location	N210 D	N210 E		
sponsor				
8:00 - 8:50 AM	Equine Toxins: Hunting for a Diagnosis Rebecca Funk	Equine Castration and Unforeseen Complications Lindsey Boone		
9:00 - 9:50 AM	Equine Toxins: Kidney Killers and Liver Lovers Rosemary Cuming	Cryptorchid Castration: Evaluation and Surgical Correction Patrick Pollock		
9:50 - 10:30 AM	BREAK			
	DON'T MISS THE MORNING CH	EW FEATURING ROB LOWE • 10:30 AM • F	HYATT REGE	
11:45 AM - 1:45 PM		LUNCH		
	Equine Toxins: Heart Breakers and Breath Takers	Urogenital Problems in Mares: What to Do	FAR	
	Rebecca Funk	Patrick Pollock		
1:45 - 2:35 PM				
			Toxic Plant Benjamin N	
2:45 - 3:35 PM	Equine Toxins: Gut Punchers and Derm Destroyers	Urogenital Problems in Male Horses: What to Do	Tips and Tr Dystocia	
	Rosemary Cuming	Lindsey Boone	Charles Estill	
3:35 - 3:55 PM		BREAK		
3:55 - 4:15 PM	Equine Toxins: Nervous Nellies Rebecca Funk	Granulosa Cell Tumor: Making a Diagnosis and Treatment Patrick Pollock	Review of Off Ricardo Stockle	
	Slippery Suspects: Uncommon Toxins	Mammary Disease in the Mare: Diagnosis and Treatment	Practice Tips i	

program	EXOTICS		NURSE/TECHNICIAN		
track	AQUATIC MEDICINE	EXOTIC COMPANION MAMMALS: COMMON QUESTIONS ANSWERED	REPTILES	NURSE/TECHNICIAN CAREER PATHS	NURSE/TECHNICIAN ESSENTIALS
location	N220 A/B	N220 E/F	N220 C/D	N310 E/F	N310 A/B
sponsor		ASSOCIATION OF EXOTIC MAMMAL VETERINARIANS	ARAV		
8:00 - 8:50 AM	Big Whales Need Love Too: Large Cetacean Medicine 101 Todd Schmitt	Emergency Techniques in ECM Margaret Fordham	These Be (Bearded) Dragons! Biology and Medicine of Pogona Vitticeps Mark Mitchell, T. Franciscus Scheelings	Management Lessons Learned: Becoming a Manager Megan Brashear	Ins and Outs of Blood Pressure Measurement Liza Rudolph
9:00 - 9:50 AM	Sex, Drugs, Rock n Roll, Shark and Ray Medicine: Common Reproductive Techniques, Surgeries and Diseases Bob George	Critical Care Management for Mice and Rats F. Claire Hankenson	Reptile Dermatology Joerg Mayer	Manager's Toolbox: Staff Training and Self Care Megan Brashear	Guess the Hypo: Hypotension, Hypovolemia, or Hypoperfusion <i>Erin Spencer</i>
	Bob George				
9:50 - 10:30 AM			BREAK		
	DON'T MISS THE	MORNING CHEW FEATU	RING ROB LOWE • 10:30	AM • HYATT REGENCY	
11:45 AM - 1:45 PM			LUNCH		
1:45 - 2:35 PM	Penguin Medicine 101: It's Not Just Black and White Todd Schmitt	Ferret Emergencies  Jamie Morrisey	Anesthesia and Analgesia of Reptiles: A Different Perspective T. Franciscus Scheelings	Critically Important Critical Thinking Skills Megan Brashear	Monitoring Techniques: Tools of the Trade Harold Davis
2:45 - 3:35 PM	On the Road Again: Transporting Large Sharks and Fish so Everybody Arrives Safely and in One Piece Bob George	Ferret Anesthesia and Analgesia Jamie Morrisey	Ultrasonography in Reptiles Sam Rivera	Certifications for Veterinary Nurses and Technicians Megan Brashear	RECOVER CPR: Evidence-based Guidelines Kenichiro Yagi
3:35 - 3:55 PM			BREAK		
3:55 - 4:15 PM	Advances in Marine Mammal Nutrition Johanna Fava	Mouse/Rat Anesthesia and Analgesia Margaret Fordham	Interpreting Blood Gases in Reptiles Mark Mitchell	Business Opportunities for Veterinary Nurses and Technicians Jamie Holms, Erin Spencer	Turning Passion into Purpose: Your Inner Compass Kenichiro Yagi
4:25 - 4:45 PM	Nutritional Analysis of Various Frozen Fish Fed to Aquatic Species Johanna Fava	Feeding the Sick ECM  Margaret Fordham	The Reptile Neurological Exam Joerg Mayer		



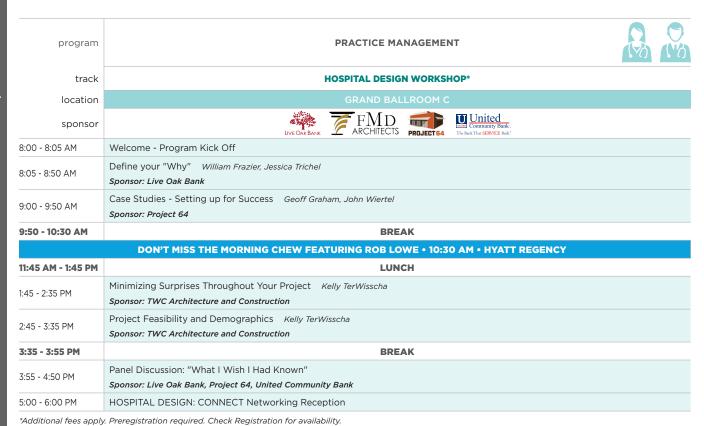














BREAKFAST SESSIONS				
time	location	sponsor	session	
6:30 - 7:30 AM	S310 E-H	Boehringer Ingelheim	Achy Breaky Hearts Sonya Gordon	
	S320 E-H	Elanco	Rethinking Canine Osteoarthritis  Mark Epstein	
	S330 A/B	IDEXX	Harness Technology to Streamline Workflow Before, During, and After a Visit Dermont Jevens, Matt Russell, Robert Tope	
	S331 A/B	Multi Radiance Medical'  Veterinary Laser Therapy	The Wonders of Laser Therapy: Pain Management and Wound Healing  James Gaynor	
	S330 C/D	VETSOURCE	Bonding the Modern Pet Owner: Client Loyalty in the Age of Uber Andy Roark	

NURSE/TECHNICIAN BREAKFAST SESSIONS				
6:30 - 7:30 AM	N310 A/B	Boehringer Ingelheim	The Ins and OUTs of Flea & Tick Control for Cats  Mary Berg	
	N310 C/D	KindredBio	Nutritional Support in the Critically III Cat  Christina Fernandez	

NURSE/TECHNIC	IAN LUNCHES		
11:00 AM - 12:30 PM	N310 A/B	Boehringer Ingelheim	Heartworms EXPOSED: Revealing the Reality and Risks of Heartworm Disease Saleema Lookman
	N310 E/F	Hills Transforming Lives*	The Scoop on Poop: How I Manage the Constipated Cat Stanley Marks

INDUSTRY LUNC	INDUSTRY LUNCHES					
12:00 - 1:30 PM	S310 E-H	Boehringer Ingelheim	The Clinical Approach to the Complicated Diabetic Cat  Cindy Ward			
	S320 E-H	Elanco	Parasitology Meets Dermatology: Dermatologic Benefits of Systemic Flea Control Michael Canfield, Michael Dryden			
	S330 C/D	PURDUE UNIVERSITY College of Veterinary Medicine	Oxytocin, Vasopressin, and Social Behavior in Dogs Evan MacLean			
	S330 A/B	vets <b>first</b> choice	Meeting Client Expectations In The Digital Age Dave Nichol, Garret Pachtinger			

EVENING SESS	IONS		
time	location	sponsor	session
5:30 - 6:45 PM	S210 D/E	AMERICAN REGENT" ANIMAL HEALTH	Multimodal Management of Canine Osteoarthritis: What to Do and When? Denis Marcellin-Little
	S230 G/H	Bank of America	How to Take the Stress out of Buying or Selling Your Veterinary Clinic  Jason Castner, Bert Hockenberry, Len Jones, David Soto
	S230 B/C	DOCTOR MUltimedia DYNAMIC MEDICAL MARKETING	7 Amazing Online Marketing Techniques Troy Leonard
	S330 E/F	Johnson Johnson  MEDICAL DEVICES COMPANIES	Plus Antibacterial Sutures: From Concept to Clinical Data Liza Ovington
	S330 G/H	NOM WOR WOR WE VET	"I'm Fine." The Biggest Lie We Tell Ourselves Melanie Globe
	S320 E-H	THERABIS.	Cannabinoid and Pets 101 Stephen Katz
	S331 A/B		Selected Conditions of Male Farm Animals: Bulls, Bucks, Rams and Boars - for the General Practitioner Nickie Baird
	S331 C/D		Introduction to Rabbit and Rodent Dentistry  Loic Legendre

EVENING SESSION				
time	location	sponsor	session	
5:30 - 6:45 PM	SALON 17		Why Are Laparoscopic Spays Superior to Traditional Spays After 5k Procedures over 15-Years  Ray Cox	

HANDS-ON WOR	KSHOPS AT TH	IE ROSEN CENTRE*	
time	location	title/speaker	
8:30 AM - 5:30 PM	SALON 3/4	Common Canine Surgery Procedures Howard Seim, Brad Case	V
	SIGNATURE 2	Veterinarians and Honey Bees: Identifying Brood Diseases in the Hive Kay Backues, Mary Bammer	V
8:30 AM - 12:30 PM	SALON 11/12	Basic Abdominal Ultrasound for the General Practitioner - Group A Matthew Winter, Clifford "Kip" Berry, Heather Chalmers, Anthony Fischetti, Ryan King, Nate Nelson, Erin Porter, James Sutherland-Smith	V
	SALON 7/8	Ophthalmic Surgery: Eyelid and "Cherry Eye" Caryn Plummer, Gil Ben-Shlomo, Jamie Herrmann, Renata Ramos	V
	SALON 1/2	Radiosurgery for the General Practitioner, Presented by Ellman  Michelle Jones, Jeff Mayo  Experts in Praction Surgery.	V
1:30 - 5:30 PM	SALON 11/12	Advanced Abdominal Ultrasound for the Progressive Practitioner - Group A  Matthew Winter, Clifford "Kip" Berry, Heather Chalmers, Anthony Fischetti, Ryan King, Nate Nelson, Erin Porter, James Sutherland-Smith	V
	SALON 9/10	Advanced Proficiency Dental Workshop for Veterinary Professionals  Benita Altier, Candice Hoerner, Annie Mills, Jeanne Perrone	V   N/T
	SALON 5/6	Canine Flexible GI Endoscopy Todd Tams, AI Jergens, David Twedt, Mark Walker	V
	SALON 1/2	Feline Perineal Urethrostomy  Jude Bordelon, Kristy Broaddus, Bonnie Campbell	V
	SALON 7/8	Ophthalmic Surgery: Conjunctiva and Cornea Caryn Plummer, Gil Ben-Shlomo, Jamie Herrmann, Renata Ramos	V

ROUNDS AT TH	E ROSEN CEN	TRE*		
time	session	location	title/speaker	
8:00 - 10:00 AM	R5	SALON 17	Let's Wait and See When it's Right and When it's Not in Managing Soft Tissue Sarcoma Barb Biller	v
	R6	SALON 18	Respiratory Physiology Noah Jones	V   N/T   PM
	R7	SALON 19	Solving Your Biggest HR Headaches and Challenges Kurt Oster	V   N/T   PM
	R8	SALON 20	Feline Diabetes: Why Cats are Different  Audrey Cook	V
2:40 - 4:40 PM	R9	SALON 17	Respiratory Distress Rita Hanel	٧
	R10	SALON 18	Veterinary Medicine and the Growing One Health Movement Sharon Deem	V   N/T   PM
	R11	SALON 19	Roll Up Your Sleeves and Finally Get Your Practice Financially Healthy Leslie Mamalis, David McCormick	V   N/T   PM
	R12	SALON 20	Dental Radiograph Interpretation Patricia Dominguez	V   N/T   PM

MEET THE PRO	IEET THE PROFESSOR LUNCHEONS AT THE ROSEN CENTRE*				
time	session	location	title/speaker		
12:00 - 1:30 PM	MTPL5	SALON 17	What's New in Feline Atopic Dermatitis Terese DeManuelle	V	
	MTPL6	SALON 18	Stifle and Hip Radiographic Interpretation 101 Clara Goh	V	
	MTPL7	SALON 19	But They Don't Have Any Money! Managing ER Cases on a Budget Elizabeth Rozanski	V	
	MTPL8	SALON 20	Complicated Extractions and Extraction Complications  Mark M. Smith	V	

 ${\rm *Additional\ fees\ apply.\ Preregistration\ required.\ Check\ Registration\ for\ availability.}$ 

## ATTENDEE KEY

program	SMALL ANIMAL					
track	BEHAVIOR SYMPOSIUM	DENTISTRY	SMALL ANIMAL MEDICINE	SMALL ANIMAL SURGERY		
location	WINDERMERE Z	WINDERMERE Y	WINDERMERE W	WINDERMERE X		
sponsor	VCA 💢					
8:00 - 9:15 AM	Worth Waking Up For: Things You Need to Know For YOUR Behavior Cases Terry Curtis, Lynne Seibert	Thorough and Profitable Dentistry: CHOMP Down on It! Cindy Charlier, Donnell Hansen	Canine and Feline Pemphigus Foliaceus: Diagnosis and Treatment Petra Bizikova	Cranial Cruciate Disease Options: Conservative Versus Surgical Management Stanley Kim, Laura Peycke		
9:15 - 9:55 AM		BRI	E <b>A</b> K			
9:55 - 10:45 AM	Busy Kitties: Environmental Management of Problem Behaviors in Multi-cat Households Lynne Seibert	Feline Dental Radiography: No Doubt in What You Are Seeing! Donnell Hansen	Non-pemphigus Autoimmune and Immune Mediated Skin Diseases: Diagnostic Approach Petra Bizikova	Elbow Disease: Navigating Treatment Strategies <i>Laura Peycke</i>		
10:55 - 11:45 AM	House Soiling Cats: Getting Client to Implement YOUR Recommendations Terry Curtis	Canine Dental Radiography: Confidence in What You Are Seeing! Christopher Snyder	Identifying Cutaneous Manifestations of Systemic Disease Petra Bizikova	Post-operative Orthopedic Rehabilitation <i>Laura Peycke</i>		
11:45 AM - 1:45 PM		LUN	ИСН			
1:45 - 2:35 PM	A House Divided: Aggression Between Dogs & What to Do About It Lynne Seibert	Feline Gingivostomatitis: Let's Decrease the Frustration Index! Donnell Hansen	Seizures: Etiologies and Developing a Diagnostic Plan <i>Chris Mariani</i>	Common Orthopedic Errors to Avoid in General Practice Stanley Kim		
2:45 - 3:35 PM	Bad Dog?!? Understanding Why Dogs Are Aggressive to People & What to Do About It Terry Curtis	Oral Tumors: What You Can Do, What I Can Do! Christopher Snyder	Seizures: Treatment Plans for the Routine and Difficult to Control Epileptic Chris Mariani	Severe Arthritis: What are the Latest Options?  Stanley Kim		
3:35 - 3:55 PM		BRI	EAK			
3:55 - 4:15 PM	Top 10 Behavioral Medications Lynne Seibert	Juvenile Jaw Fractures: Rubbery But Fixable! Christopher Snyder	Cluster Seizures Chris Mariani	Tramadol and Gabapentin: Do They Work? Stanley Kim		
4:25 - 4:45 PM	Top 10 Anti-anxiety Products  Terry Curtis	Tooth Trauma Emergencies: You've Got This! Mark M. Smith	Inflammatory CNS Disease in Dogs <i>Chris Mariani</i>	Managing Infection in Orthopedic Cases <i>Laura Peycke</i>		



program	SMALL ANIMAL				
track	AMERICAN ACADEMY OF VETERINARY ACUPUNCTURE	AMERICAN ASSOCIATION OF FELINE PRACTITIONERS	CANINE SPORTS MEDICINE	CARDIOLOGY	
location	S331 A/B	S320 C/D	S210 D/E	S320 E-H	
sponsor		KindredBio			
8:00 - 9:15 AM	Acute Wind Invasion: Vestibular Disease, Acute Cervical, Facial Paralysis Nate Heilman	Behavior Problems in Cats: Case Presentations Margaret Gruen	Hot Topics in Canine Sports Medicine: Interactive Session Joseph Wakshlag	Essential Cardiopulmonary Case Studies in Everyday Practice Sandy Tou, Jessica Ward	
9:15 - 9:55 AM			BREAK		
9:55 - 10:45 AM	Fine Tuning Foods For GI Issues Constance DiNatale	Behavior in Geriatric Cats: Taking Care of the Senior Cats Among Us Margaret Gruen	Nerve Blocks: To Diagnose and to Treat Pain Diego Portela	To Refer or Not to Refer: Congenital Heart Disease vs. Innocent Murmurs in Puppies and Kittens Jessica Ward	
10:55 - 11:45 AM	Choosing Foods for GI Issues Constance DiNatale	Cats with DJD: Recognition and Measurement of Chronic Pain Margaret Gruen	Feeding Puppies for Success: Mind and Matter Justin Shmalberg	Managing Heart Failure: What Do I Reach for Next? Sandy Tou	
11:45 AM - 1:45 PM			LUNCH		
	TCVM Treatment for IVDD Shen Xie	ASSISI ANIMAL HEALTH	Rehabilitation of Joint Injuries Sasha Foster	Down Boy! Approach to the Syncopal Dog Sandy Tou	STATE OF FLORIDA PRACTICE ACT & DRUG LAW
1:45 - 2:35 PM		Finding Feline Pain Where it Lives: Purar-fect Your Palpation Skills Robin Downing			S320 A/B Florida Drug Law Update: 2019 Edwin Bayo
2:45 - 3:35 PM	Wobbler Syndrome: TCVM Treatment Shen Xie	Maximizing Feline Comfort and Quality of Life as the End Approaches Robin Downing	Rehabilitation of Soft Tissue Injuries Sasha Foster	Clot or Not: Update on Antithrombotic Treatment in Cats Jessica Ward	Florida Practice Law Update Edwin Bayo
3:35 - 3:55 PM			BREAK		
3:55 - 4:15 PM	Degenerative Myelopathy: TCVM Treatment Shen Xie	Top Tips in Feline House Soiling Margaret Gruen	Transitioning from Rehabilitation to Return to Sport Sasha Foster	Lung Ultrasound Made Simple Jessica Ward	Florida Practice Law Update (cont.) Edwin Bayo
4:25 - 4:45 PM		Making Your Practice Feline-centric Cathy Lund		Arrhythmias Under Anesthesia: To Treat or Not to Treat? Sandy Tou	



program			SMALL ANIMAL		
track	ENDOSCOPY ORIENTATION LECTURES	IDEXX: PREVENTIVE CARE	IVAPM PAIN MANAGEMENT SYMPOSIUM	PURINA PRO PLAN VETERINARY DIETS SYMPOSIUM	SMALL ANIMAL WOUND HEALING
location	S330 C/D	S330 A/B	S210 A-C	S310 E-H	S230 D-F
sponsor	Human Animal Bond Certified	IDEXX	Elanco	PRO PLAN VETERINARY DIETS	
8:00 - 9:15 AM	Introduction to GI Endoscopy: Instrumentation Selection, Indications, Esophagoscopy and Gastroscopy Todd Tams	Clinical Evidence for Expanding Care Graham Bilbrough	Geriatric Pain Management: Pharmaceuticals and Beyond Janice Huntingford	New Approaches to Diagnosis and Therapy of Intestinal Microbiota Dysbiosis  Jan Suchodolski  Effects of Probiotics on the GI Microbiome and Immune System of Dogs and Cats Michael Lappin	How Can We Avoid and Manage the Downward Spiral of SSI's Jude Bordelon, Kristy Broaddus
9:15 - 9:55 AM			BREAK		
9:55 - 10:45 AM	Endoscopy of the Small and Large Intestines David Twedt	Benefits of SDMA as Part of Preventive Care Diagnostics Jennifer Ogeer	Where Is the Pain? How to Improve Your Orthopedic and Lameness Examination and Find Out Where They Hurt Janice Huntingford	The Gut-Brain Axis and Those 'Gut Feelings': Impact of BL999 (Bifidobacterium longum) on Anxious Dogs Ragen McGowen	Dog Bite Wounds Kristy Broaddus
10:55 - 11:45 AM	Special Techniques in GI Endoscopy: Foreign Body Retrieval and Management of Esophageal Strictures David Twedt	Urinalysis: Why It Is Important and Tips and Tricks Fred Metzger	Pain Prevention and Treatment in the Canine Athlete Janice Huntingford	Practice Fearlessly by Implementing Proven Fear Free Protocols Into Practice. Do Well, by Doing Good! Marty Becker	Wound Management and Healing Kelley Thieman
11:45 AM - 1:45 PM			LUNCH		
1:45 - 2:35 PM	TACKLING TODAY'S VETERINARY DERMATOLOGY CHALLENGES S330 C/D ZOETIS PETCARE	What's New in Vector-borne Disease Screening Meryl Littman	Cannabis for Pain Management Stephen Cital	CLIENT ENGAGEMENT & CLINIC MARKETING SYMPOSIUM  S310 E-H  Boehringer Ingelheim	Wound Dressings and Additional Therapies: Laser and Hyperbaric Oxygen Kelley Thieman
	The Forgotten Feline: What Can I Do for Allergic Cats? Marcus Brown, Alison Diesel			Top Tips to Beat Your Competitors Online Eric Garcia	
2:45 - 3:35 PM	The Allergic Dog: What Am I Missing? Karin Beale, Jennifer Schissler	The Dollars and Cents of Preventive Care Nancy Drumm, Fritz Wood	Opioid Crisis: How to Deal Stephen Cital	Veterinarians & Video: How to Attract New Clients Mike Huber	Skin Flaps and Tension Relief Kelley Thieman
3:35 - 3:55 PM			BREAK		
3:55 - 4:15 PM	The Atopic Dog: Long-Term Relief Is Within Reach Karin Beale, Alison Diesel	If you Build It, Will They Come? Marketing Preventive Care Peter Brown, Des Whittall	Top Seven Pain Myths Stephen Cital	How to Grow Your Practice by Increasing Client Loyalty Amanda Donnelly	Technique: Walking Sutures to Close Wounds Kelley Thieman
4:25 - 4:45 PM			Exotic Animal Pain Management: Pearls You Need to Know Stephen Cital		Meouch! Managing Oral Wounds Donnell Hansen

program		SMALL	ANIMAL	
track	COOL TOOLS TO REDUCE PAIN AND RESTORE FUNCTION	VETERINARY EMERGING TOPICS REPORT: OSTEOARTHRITIS IN OVERWEIGHT PETS	TOPICS REPORT: WSAVA ANIMAL WELLNESS / OSTEOARTHRITIS IN WELFARE SYMPOSIUM	
location	S230 G/H	S330 G/H	S331 C/D	S230 B/C
sponsor	COMPANION ANIMAL HEALTH	Banfield NAVE	WSAVA GEBA WSSOFIANY COMPUTATION	MERCK Animal Health
8:00 - 9:15 AM	Laser Therapy - Fact or Fancy? John Godbold	Overweight Pets and Osteoarthritis: Connecting the Dots, Managing Care & Losing the Weight Kara Burns, Mark Epstein, Jo Ann Morrison, Emi Saito	I Suspect an Animal Welfare Issue: Indicators, Management and Considerations Melinda Merck	Wellness and Resilience David Andrews, Billy Jack Barrett, Jeanne Springer
9:15 - 9:55 AM		BRI	EAK	
9:55 - 10:45 AM	The Art of Laser Therapy John Godbold	The Role of the LVT & Nutrition in a Pet's Weight Loss Journey <i>Kara Burns</i>	One Welfare in Real Life: Experiences from Teaching and Providing Outreach Medicine (The St. Francis Clinic) Natalie Isaza	Understanding and Coping with Stress David Romano
10:55 - 11:45 AM	Light Protocols - Laser Therapy Applications John Godbold	Motivating Owners to Take Control of their Pet's Weight Loss and Activity Levels Garrett Wymore	One Welfare in Real Life: Experiences from Teaching and Providing Outreach Medicine (The HAARTS) Natalie Isaza	The F!*@?!# Word: Taking the Fear out of Finance  Tony Bartles, Jessica Trichel
11:45 AM - 1:45 PM		LUN	NCH	
1:45 - 2:35 PM	Non-walking to Walking: Intro to Rehabilitation Matt Brunke	S330 G/H  S330 G/H  Banfield PET HOSPITAL  Anesthetic Quality Standards Jo Ann Morrison, Lorna Lambert	Cat Portals; The Gateway to Better Welfare in Animal Shelters <i>Denae Wagner</i>	Wellness and Resilience David Andrews, Billy Jack Barrett, Jeanne Springer
2:45 - 3:35 PM	Is PRP Magic Pixie Dust?  Matt Brunke	Individualized Anesthesia Protocols <i>Nora Matthews</i>	Shelter Housing for Dogs and Cats: Practical Tips & Tricks for a Healthy Stay Denae Wagner	Understanding and Coping with Stress David Romano
3:35 - 3:55 PM		BRI	EAK	
3:55 - 4:15 PM	Latest Rehab Tools and Techniques Matt Brunke, Janice Huntingford	Learnings from Human Healthcare: Anesthetic Checklist <i>Erik Hofmeister, Jo Ann Morrison</i>	Get Your Move on: Promoting Welfare During Animal Relocation <i>Brian DiGangi</i>	The F!*@?!# Word: Taking the Fear out of Finance  Tony Bartles, Jessica Trichel
4:25 - 4:45 PM			The 6th Freedom? Quality of Life in Animal Sheltering Brian DiGangi	



program		LARGE ANIMAL				
track	EQUINE AMBULATORY EMERGENCY MEDICINE	EQUINE MUSCLE DISEASES	FARM ANIMAL SYMPOSIUM			
location	N210 D	N210 E	N210 A			
sponsor						
8:00 - 9:15 AM	Equine Ambulatory Emergencies: Interactive Cases	Muscles Diseases in the Horses: Case Discussions	Getting More Value from Diagnostic Testing Services			
5:00 - 9:15 AM	Rosemary Cuming, Patrick Pollock	Lindsey Boone, Erin Groover	Kelli Almes, Brian Lubbers			
):15 - 9:55 AM		BREAK				
):55 - 10:45 AM	Fat Legs: Diagnosing and Managing Cellulitis and Lymphangitis	Exertional Rhabdomyolysis: Untying the Tied-up Horse	That's Using Your Brain: Diagnostics for Neurologic Cases			
5.55 - 10.45 AM	Rosemary Cuming	Erin Groover	Kelli Almes			
	Approaching Wounds in Horses: We Can Do Better	Clostridial Myositis: A Real Pain in the Neck	Food Animal Abortions and Diagnostics Kelli Almes			
0:55 - 11:45 AM	Patrick Pollock	Erin Groover	Neill Allines			
1:45 AM - 1:45 PM		LUNCH				
:45 - 2:35 PM	The Dull Foal: Assessment and First Aid in the Field	Pain in the Back: Diagnosis of Lumbosacral Pain	Interpreting Individual Submission Microbiology Reports			
.45 - 2.35 PM	Rosemary Cuming	Lindsey Boone	Brian Lubbers			
45 7.75 044	Crooked Foals: When to Intervene and What to Do	Stringhalt: Practical Approaches to Management	Interpreting Cumulative Diagnostic Laboratory Data			
::45 - 3:35 PM	Patrick Pollock	Lindsey Boone	Brian Lubbers			
3:35 - 3:55 PM		BREAK				
:55 - 4:15 PM	Maggots in Equine Practice: Helping to Heal Wounds Patrick Pollock	HyPP: Emergency Field Management  Erin Groover	Diagnostic Workup of a Case of BRD Kelli Almes, Brian Lubbers			
	Scouring Foals: Antimicrobial and Microbial Therapy	Muscle Biopsy: How To Collect a Diagnostic Sample	Diagnostic Workup of a Case of Neonatal Scours			
l:25 - 4:45 PM	Rosemary Cuming	Lindsey Boone	Kelli Almes, Brian Lubbers			











program	EXOTICS				
track	COMPANION BIRDS: WELLNESS FOR A LIFETIME	EXOTIC COMPANION MAMMALS: TIPS AND TRICKS	ONE HEALTH SYMPOSIUM	REPTILES	
location	N220 A/B	N220 E/F	N220 G	N220 C/D	
sponsor	Association of Avian Veterinarians	ASSOCIATION OF EXOTIC MAMMAL VETERINARIANS		* ARAV	
8:00 - 9:15 AM	The New Bird: Starting Off Right! Yvonne van Zeeland	Innovative Imaging Tackles Dental Disease in Rabbits and Rodents Estella Bohmer	Turtle Conservation as the Poster Child of One Health Sharon Deem	Common Clinical Techniques in Reptiles Joerg Mayer, Sam Rivera	
9:15 - 9:55 AM		BRI	EAK		
9:55 - 10:45 AM	Top Problems and Solutions for the Younger Bird: It Ain't Easy Being Green! Brenna Fitzgerald, Bianca Zaffarano	Diagnosis and Treatment of Dental Abscesses in Rabbits Estella Bohmer	Marine Health is One Health Terry Norton	There's Evidence for That?? Advancing Reptile Medicine By Using Evidence-based Medicine Mark Mitchell	
10:55 - 11:45 AM	Working Up the Older Bird: Age is Just a Number Yvonne van Zeeland	Diagnosis and Treatment of Dental Abscesses in Guinea Pigs Estella Bohmer	Ecosystem Health Affects Tick-Borne Diseases Across All Taxa: Human, Domestic Animals and Wildlife Michael Yabsley	Skinks: Medicine & Surgery T. Franciscus Scheelings	
11:45 AM - 1:45 PM		LUN	ИСН		
1:45 - 2:35 PM	Common Surgeries of Middle Aged Birds: A Crusade to Fix What Ailes Them Avery Bennett	How to Practice Clinical Medicine When You Are the Lab Animal Veterinarian F. Claire Hankenson	Antimicrobial Resistance is Our One Health Crisis Sonia Hernandez	Reptile Respiratory Medicine  Joerg Mayer	
2:45 - 3:35 PM	Established Behavioral Problems of Older Birds: A Tough Nut to Crack? Yvonne van Zeeland	Surgical Management of ECM Ear Disease Avery Bennett	Climate Change and Health for All of Us Jonathan Sleeman	Electrolytes, Enzymes and Minerals, Oh My! Interpreting Clinical Biochemistries in Reptiles Mark Mitchell	
3:35 - 3:55 PM		BRI	EAK		
3:55 - 4:15 PM	Good Behavior Starts with the Right Thinking Yvonne van Zeeland	Impregnated Antibiotic Beads for ECM Avery Bennett	What Are You Drinking? Water Quality, a One Health Crisis Heather Barron	Tips for Buying Affordable Endoscopy Equipment Shannon Ferrell	
4:25 - 4:45 PM	Treatment Options for Perosis: When Tendons Slip Up Scott Echols	Surgical Fire During Surgery! F. Claire Hankenson	Talk about Gross: Dracunculus in Dogs in the USA and the Global Guinea Worm Eradication Program Michael Yabsley	Challenges Associated with Relocation of Wild Snake Populations into Captive Management Kathryn Gamble	



program	SMALL ANII PRACTICE MANA		AB	program	NURSE/TECHNI PRACTICE MANA		
track	DISCOVERY THEATER		CENTRAL THEATER	track	PRACTICE MANAGEMENT:	PRACTICE MANAGEMENT:	
location	EXPO HALL VMX DISCOVERY (EXPO ENTRANCE B)		EXPO HALL NAVC CENTRAL (EXPO ENTRANCE A)	track	LEADERSHIP	MEDICINE AND MANAGEMENT	
	Topicals: What Every		(EXPO ENTRANCE A)	location	N320 E/F	N320 C/D	
9:15 AM	Clinic Should Have on Their Shelves and Why		Tips & Tricks of Diagnosing Hyperthyroidism in Your	sponsor			
0.107.11	Dawn Logas  Sponsor: Bayer	9:45 AM	Practice  Gary Norsworthy		Leadership Drives Culture and Culture	Merging Medicine and Management: Oncology	
	Examining The Data		Sponsor: Zoetis	8:00 - 9:15 AM	Drives Your Practice  Rick DeBowes	Louise Dunn, Sue Ettinger, Eric Garcia	
10:15 AM	Behind A Pet's Life  TJ Houk		IRIS Stage 2 Renal Disease: Fraud, Fiction	9:15 - 9:55 AM	BRI	EAK	
	Sponsor: Trupanion	10:45 AM	or Fabulous?  Gary Norsworthy		Dysfunctional Cultures Will Cost Your Practice	Building a Quality Oncology Service and	
			Sponsor: Zoetis	9:55 - 10:45 AM	Rick DeBowes	Business  Louise Dunn, Sue Ettinger,	
11:15 AM		Practice		Simple Changes, Extraordinary Results			Eric Garcia
	Richard Ford		Michael Schindler	10:45 AM - 12:45 PM	LUNCH		
	Apoquel and Cytoppoint: Which, When and How!  Michele Rosenbaum		Sponsor: Zoetis Petcare		Leaders Set Priorities: Are Your Priorities in	3 Reasons to Grow Your Oncology Business	
12:15 PM			NEW REVOLUTION PLUS 6-in-1 Protection Chris Adolph	12:45 - 1:35 PM	Line with Your Clients'?  Rick DeBowes	Louise Dunn, Sue Ettinger, Eric Garcia	
	Sponsor: Zoetis Petcare		Sponsor: Zoetis Petcare		Transforming from	Making Telemedicine a	
1:15 PM	Creative Ways to Use Technology to Drive Compliance	1:45 PM	The Next Generation of Internal Parasite Protection for Cats  James Freeman	1:45 - 2:35 PM	Associate to Leader in Practice Sue Ettinger	Profit Center  Bruce Truman,  Melissa Webster	
	Stacee Santi Sponsor: Zoetis		Sponsor: Boehringer Ingelheim	2:45 - 3:35 PM	Leadership Mistakes and Thriving: Humility, Happiness and Humans	3 Top Tips to Market Telemedicine Services	
	Improve Post-Op Recovery, Pain Relief and Wound Healing with		Simple Changes, Extraordinary Results	2.45 - 3.55 PM	Dani McVety	Eric Garcia	
2:15 PM	Evidence-Based tPEMF	2:45 PM	Michael Schindler	3:35 - 3:55 PM	BREAK		
2.10111	Leilani Alvarez		Sponsor: Zoetis Petcare		Leadership from the	Different Views of	
	Sponsor: Assisi Animal Health		Acupuncture: Enhancing Your Practice and	3:55 - 4:15 PM	Eyes of a Boomer and Millennial Eddie Garcia, Eric Garcia	Telemedicine from the Experts  Panel	
3:15 PM	The Impact of Fortetropin®	3:45 PM	Patient Care Nell Ostermeier		Eddie Garcia, Elic Garcia	, dilei	
	Supplementation on Dogs Recovering from Tibial-Plateau Leveling Osteotomy (TPLO) Surgery		Sponsor: International Veterinary Acupuncture Society	4:25 - 4:45 PM			
	Kenneth Harkin						

## County Convertion Center Orlando Orange County Convention Center Orlando Orange County Convention Center Orlando Orange County Convention Center Orange Conventio

program		NURSE/TECHNICIAN/P	RACTICE MANAGEMENT	
track	PRACTICE MANAGEMENT: SUPER STARS	NURSE/TECHNICIAN: ESSENTIALS	NURSE/TECHNICIAN: PROGRESSIVE KNOWLEDGE	NURSE/TECHNICIAN: STATE OF THE ART
location	N320 A/B	N310 A/B	N310 C/D	N310 E/F
sponsor			KindredBio	IDEXX
8:00 - 9:15 AM	7 Elements for a Perfect Exam Room Experience Dave Nicol	Civil Wars: Front vs Back Megan Brashear	A Technician's Role in Understanding Tooth Resorption Patricia Dominguez	Leptospirosis in Small Animals  Liza Rudolph
9:15 - 9:55 AM		BR	EAK	
9:55 - 10:45 AM	Body Language and the Psychology of Exam Room Influence	Why Do They Do That? Generational Conflicts in Your Practice	Intraoral Product Usage: Nerve Blocks, Perioceutics and Bone Graft Materials	IHMA: Disease Overview, Treatment and Nursing Considerations
	Dani McVety	Megan Brashear	Patricia Dominguez	Liza Rudolph
10:45 AM - 12:45 PM		LUI	NCH	
12:45 - 1:35 PM	How to Say Anything to Anyone: Difficult Conversations Dani McVety	Creating an Oral Home Care Regimen Patricia Dominguez	Client Communication: The Key to Nutritional Recommendation Compliance Ed Carlson	Challenging Nursing Cases: Concepts of Veterinary Nursing Plans Liza Rudolph
1:45 - 2:35 PM	Top Ways to Avoid Burn Out and Build Resilience Dave Nicol	Inspire: Suicide Prevention Through Community Response Jamie Holms	Nutrition! The Key to Managing Chronic Renal Disease Ed Carlson	Code Trauma: Lessons Learned from the Human ER Noah Jones
2:45 - 3:35 PM	Mastering Your Time in Practice Dave Nicol	Veterinary Nurse Initiative Update Kenichiro Yagi	Neonate Nutrition: Feeding Puppies & Kittens from Birth to Weaning Ed Carlson	When O2 Is Not Enough: Mechanical Ventilation Basics Noah Jones
3:35 - 3:55 PM		BR	EAK	
3:55 - 4:15 PM	Making the Practice Fun Again Dave Nicol, Peter Weinstein	Reducing Stigma: Normalizing Mental Health in Veterinary Medicine Jamie Holms	Alternative Diets Ed Carlson	Low Flow Nasal Oxygen Noah Jones
4:25 - 4:45 PM		Excel: Leadership for Introverts Jamie Holms	Raw Diets Ed Carlson	High Flow Nasal Oxygen Noah Jones





\*Additional fees apply. Preregistration required. Check Registration for availability.

<sup>\*\*</sup>The NAVC and the Hospital Design Workshop are not affiliated with TED or TEDx.



time	location	sponsor	session
6:30 - 7:30 AM	S330 E/F	XARATANA.	Appetite and Outcome: Addressing Inappetence Early Audrey Cook
	S230 D-F	Dechra Numery Product	Itchy, Red, Stinky Patients? What Topicals Do You Prescribe and When? Joel Griffies
	S320 A-D	Elanco	Internal Parasite Control: Making Common Rare Susan E. Little
	S310 E-H	IDEXX	Mastering the Last Mile: How I Implemented Vector-borne Disease Screening in My Practice Susanne Heartsill
	S320 E-H	Petplan*	What to Say to the Cash Strapped Client Andrew Roark

Boehringer Ingelheim 6:30 - 7:30 AM N310 A/B Let's Talk Lifestyle Vaccines: Having the Conversation With Pet Owners

NURSE	TECHNICIAN LUNCHES

11:00 AM - 12:30 PM X ARATANA N320 A/B Wasting Away: Managing Weight Loss in Chronic Kidney Disease Lisa Freeman, Jessica Larson **%**sound N310 E/F Scan IQ: A Tool to Shorten the Ultrasound Learning Curve Melisa Griffith, Thomas Jacobi, Bryan Stephens

INDUSTRY LUNCHES						
12:00 - 1:30 PM	S320 A-D	Elanco	Solving the Challenges of Chronic Pain in Cats Sheilah Robertson			
	S331 A-D	IDEXX	Lower the Dose: Radiation Safety Is Your Safety Michael Bailey			
	S330 A-D	MERCK Animal Health	Infectious Disease Control: Does Your Practice Meet the Standard?  Melissa Bourgeois			
	S310 E-H	ZOETIS PETCARE	Apoquel and Cytopoint: Which, When and How			

Karin Beale

EVENING SESS	IONS		
5:30 - 6:45 PM	S310 E-H	OAKORN ANIMAL HEALTH	An Evening with Anesthesiologists: Preparing for Success and Navigating Through Surprises Khursheed Mama, Nora Matthews
	S320 E-H	allison medical	Insulin Therapy in Diabetic Dogs and Cats: How to Avoid Common Treatment Errors J. Catharine Scott-Moncrieff
	S331 A-D	<u>evo</u>	Opening Up a Can of Worms: Experts Weigh-in on Updated Guidelines Byron Blagburn, Steve Dale, Cassan Pulaski, Christopher Rehm, Edward Wake
	S230 B/C	DOCTORMUITIME DIA DYNAMIC MEDICAL MARKETING	How to Have a Perfect Reputation Online Michael Chavez
	S330 E/F	hs ma   Humane Society Veterinary medical association	The Cost of Cuteness: How Veterinarians Can Help Improve the Health and Welfare of Brachycephalics  Sean Wensley
	S230 D-F	Pet/Ig Lors Annual Comy One	Raising Kittens Like a Queen Hannah Shaw
	S322	Pet	The Brazilian Market and its Business Opportunities  Marco Antonio Gioso, Renato Campello Costa
	S230 G/H	Comparting The Leader in Veterinary Website Services	How to Appear Multiple Times on Google's First Page Ali Nikoopour

### **LOCATION KEY**











HANDS-ON WOR	KSHOPS AT TH	IE ROSEN CENTRE*	
time	location	title/speaker	
8:30 AM - 5:30 PM	SALON 1/2	Oncologic and Reconstructive Surgery for the Small Animal Patient Bonnie Campbell, Kelley Thieman	V
	SALON 3/4	Patella Luxation Repair Mike Kowaleski, Brian Beale, Donald Hulse, Laura Peycke	V
8:30 - 10:30 AM	SALON 7/8	Ultrasound Interpretation Workshop: Abdominal Radiographs vs. Ultrasound - What is Best? Trisha Oura	V
8:30 AM - 12:30 PM	SALON 5/6	How to Intubate Almost Any Exotic Companion Mammal Victoria Bender, Dan Johnson	V   N/T
	SALON 9/10	Obtaining Diagnostic Full Mouth Radiographs in Dogs and Cats  Cindy Charlier	V   N/T
	SALON 11/12	Practical Echocardiography Workshop - Group A Philip Fox, Bruce Keene, Romain Pariaut, Robert Prosek, William Tyrell, Jessica Ward, Randolph Winter	V
10:30 AM - 5:30 PM	SIGNATURE 2	RECOVER CPR: Rescuer Certification Workshop - Basic and Advanced Life Support Kenichiro Yagi, Dan Fletcher, Elke Rudloff, Liza Rudolph	V   N/T
1:30 - 3:30 PM	SALON 7/8	Ultrasound Interpretation Workshop: Digestive Disorders Trisha Oura	V
1:30 - 5:30 PM	SALON 15/16	Review of the Neurological Exam in the Dog with Clinical Application  Jude Bordelon, Kristy Broaddus, Rose Peters	V   N/T
	SALON 9/10	Rabbit and Rodent Dentistry Loic Legendre, Benita Altier, Estella Bohmer, Dan Johnson	V

ROUNDS AT TH	E ROSEN CENT	TRE*		
time	session	location	title/speaker	
8:00 - 10:00 AM	R13	SALON 17	Interactive Neurology Extravaganza (Video Case Discussions) Chris Mariani	V
	R14	SALON 18	ICU Bootcamp: What You Should Know on Day 1 Paula Plummer, Courtney Waxman	N/T   PM
	R15	SALON 19	Dental Speak: What and How You Say it to Grow Your Practice!  Jan Bellows, Paul Camillo	V   N/T   PM
	R16	SALON 20	Radiology Film Reading (Thorax I)  Eric Herrgesell, Bill Hornof	V
2:40 - 4:40 PM	R17	SALON 17	Repairing Jaw Fractures With or Without Touching Bone!  Mark M. Smith, Christopher Snyder	V
	R19	SALON 19	Leadership for Veterinary Nurses/Technicians Kara Burns, Jamie Holmess	N/T   PM
	R20	SALON 20	Radiology Film Reading (Abdomen I)  Eric Herrgesell, Bill Hornof  D I A G N O S T I C S	V

MEET THE PROF	FESSOR LUNCHI	EONS AT THE ROSEN C	ENTRE*		
time	session	location	title/speaker		
12:00 - 1:30 PM	MTPL9	SALON 17	The Skinny Kitty: A Logical Approach to Feline Weight Loss Audrey Cook	ROYAL CANIN	V
	MTPL10	SALON 18	Orthopedic Emergencies: Practical Advice on Splints, Casts and Slings Clara Goh	ROYAL CANIN	V
	MTPL11	SALON 19	Treating Storm Anxiety Successfully Terry Curtis	ROYAL CANIN	V   N/T   PM
	MTPL12	SALON 20	Updates on the Management of Infectious Diarrhea in Cats Michael Lappin	ROYAL CANIN	V   N/T   PM

 ${\it ^*} Additional\ fees\ apply.\ Preregistration\ required.\ Check\ Registration\ for\ availability.$ 

## ATTENDEE KEY

 $\label{eq:Veterinary Nurses/Technicians} \textbf{= N/T} \mid \text{Practice Managers} \textbf{= PM}$ 

program		SMALL /	The second second	
track	AMERICAN COLLEGE OF VETERINARY SURGEONS	BEHAVIOR SYMPOSIUM	THE ART OF OPHTHALMOLOGY	SMALL ANIMAL MEDICINE
location	WINDERMERE X	WINDERMERE Z	WINDERMERE Y	WINDERMERE W
sponsor				
8:00 - 9:15 AM	OHE, OVE or Hysterectomy: Evolution of the Humble Spay <i>Brad Case, Sarah Marvel</i>	Fearful Reactions to Noise: An Untreated Epidemic Jaume Fatjó, Karen Overall	What's New in Ophthalmology? Amber Labelle, Kate Myrna	What You Always Wanted to Know About Bartonellosis and Were Afraid to Ask? Edward Breitschwerdt
9:15 - 9:55 AM		BRI	EAK	
9:55 - 10:45 AM	Current Suture and Suture Pattern Recommendations: Don't Be Old School! Daniel Smeak	Drugs, Supplements and Science: What Works When Karen Overall	Enucleation: Ocular Euthanasia and Its Alternatives Amber Labelle	Screening for Heart Disease in Your Practice: No Echo, No Problem! Sandy Tou
10:55 - 11:45 AM	Skin Reconstructive Surgery: Keys to Success Sara Boyd	Buzzword Bingo: Dominance, Punishment, Balanced Training, Jealousy - How Pop Culture Obscures Understanding of Behavioral Norms and Pathologies Karen Overall	Ocular Neoplasia: Do We Have Options Beyond Enucleation? Amber Labelle	Surviving Life-threatening Cardiac Arrhythmias Sandy Tou
11:45 AM - 1:45 PM		LUI	NCH	
1:45 - 2:35 PM	Mammary Tumors: Your Questions Answered Nicole Ehrhart	Aggression to Family Members: A Fresh Look at Social Psychology: Why Our Clients Love Celebrity Trainers Jaume Fatjó	When the Corneal Ulcer Doesn't Heal Kate Myrna	All Bleeding Stops: How You Can Help It! Rita Hanel
2:45 - 3:35 PM	Perineal Urethrostomy (PU) in Cats: Combining a Cystotomy with a PU Sarah Marvel	Patterns of Dysfunctional Pet Ownership Jaume Fatjó	Sudden Blindness in Dogs: 7 Steps for Diagnosis Kate Myrna	Anticoagulants: Through Thick and Thin Rita Hanel
3:35 - 3:55 PM		BRI	EAK	
3:55 - 4:15 PM	Painful Pad Lacerations: Successful Repair Tips Daniel Smeak	Anxious, Reactive Rescue Dogs: 5 Steps to a Normalized Life Karen Overall	Proptosis Management Kate Myrna	How I Treat Canine IMHA Rita Hanel
4:25 - 4:45 PM	Vulvoplasty: Simple and Effective Technique Review Sarah Marvel	Practical Ways to Persuade Clients Not to Punish Their Dogs Jaume Fatjó	Drugs for Dry Eye: Updates and Recommendations Amber Labelle	How I Resuscitate Blunt Trauma in the Small Animal Patient Rita Hanel



program	SMALL ANIMAL					
track	AMERICAN ASSOCIATION OF REHABILITATION VETERINARIANS	AVEPA - SEVC SYMPOSIUM	CYTOLOGY SYMPOSIUM	DEALING WITH MAJOR GI ISSUES IN DOGS AND CATS		
location	S331 A-D	S230 B/C	S320 E-H	S330 G/H		
sponsor		SEVC DISTANSIAN CHARGE CHARGE CHARGE		Transforming Lives*		
8:00 - 9:15 AM	Physical Rehabilitation of Working Dogs Andrea Henderson, Kelley Meyer	Acute Spinal Cord Disorders: The Most Common Differential Diagnosis and How to Diagnose and Treat Them Carlos Ros	Anemia: Numbers, Cells, Graphics or All of the Above? Rick Alleman, Guillermo Couto, Jim Meinkoth	The Impact of the Microbiome in Intestinal Disease: A Case-Based Approach  Jennifer MacLeay  New Strategies to Promote GI Health - Make the Microbiome Work for You!  Jan Suchodolski		
9:15 - 9:55 AM		BRI	EAK			
9:55 - 10:45 AM	Outcome Measures and Assessment in Canine Physical Rehabilitation Andrea Henderson	Life with No MRI, Can We Still Do a Good Job? Juan Minguez	Splenic Lesions: I Need Cytology! Rick Alleman, Guillermo Couto, Jim Meinkoth	Between a Rock and a Hard Place: Successful Management of Constipation in Cats Susan Little		
10:55 - 11:45 AM	The Pathway to a New Rehab Space Kelley Meyer	Acute Spinal Cord Disorders: Other Diseases That We Have to Consider Carlos Ros	The Cytology of Neoplasms: Benign or Malignant? Rick Alleman, Guillermo Couto, Jim Meinkoth	Rational Approach to Chronic Enteropathies in the Dog - A Case-Based Approach Stanley Marks		
11:45 AM - 1:45 PM		LUI	NCH			
1:45 - 2:35 PM	Lumbosacral Stenosis in Working Dogs: What Can We Learn from Human Back Pain? Andrea Henderson	Clinical Approach to DLSS Patient Juan Minguez	Lymph Node Cytology: Have a Blast! Rick Alleman, Guillermo Couto, Jim Meinkoth			
2:45 - 3:35 PM	Panel Discussion: The Business of Rehab: Pearls and Tips from the Experts Panel	Philosophy of Canine Epilepsy Treatment: Reasonable Use of the Antiepileptic Drugs Juan Minguez	Making Sense of Cytology of the Liver. What Can it Tell You? What Did it Tell You? Rick Alleman, Guillermo Couto, Jim Meinkoth			
3:35 - 3:55 PM		BRI	EAK			
3:55 - 4:15 PM	Post-operative Transcutaneous Electrical Stimulation for Reduction of Stifle Edema in Canine Patients Undergoing TPLO Alexandra Kelly	Clinical Cases Juan Minguez, Carlos Ros	Is it Cancer or What? Rick Alleman			
4:25 - 4:45 PM	Effect of Dr. Buzby's Toe Grips* on Lameness Scores and Client Specific Outcome Measures After Canine Tibial Plateau-leveling Osteotomy Jennifer Repac		Cytology Case Challenges: Stump Dr. Couto Jim Meinkoth			

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program		SMALL.	ANIMAL	<u> </u>	
track	DECHRA	ELANCO INFECTIOUS DISEASE SYMPOSIUM	HEALTH & WELLBEING	HUMAN ANIMAL BOND	
location	S230 D-F	S320 A-D	S210 A-C	S210 D/E	
sponsor	Dechra Mercay Pozus	Elanco			
8:00 - 9:15 AM	Getting Cushy with Cushing's Disease - A Practical Review, Part I Christopher Byers	Update on Vaccine Associated Side Effects in Dogs and Cats Michael Lappin, George Moore	Emotional Labor: How It Impacts Us and Strategies for Managing It Dana Novara, Kimberly-Ann Therrien	Millennials: The Trampoline Allowing Vet Visits to Bounce Back Steve Dale	
9:15 - 9:55 AM		BRI	EAK		
9:55 - 10:45 AM	Getting Cushy with Cushing's Disease - A Practical Review, Part II Christopher Byers	Are Lepto Vaccines the Cause of Reactions?  George Moore	Success Over Stress: The Turning Point Sandra Berberian	Flying Peacocks: Understanding and Supporting the Appropriate Use of Service and Emotional Support Animals Gail Golab	
10:55 - 11:45 AM	Practical Fluid Therapy: The What, How and Why! Christopher Byers	Prevention of Feline Upper Respiratory Infections <i>Michael Lappin</i>	Maintaining Team Relationships During Times of Conflict Abbie Hathaway	Conquering Cultural Conundrums in Veterinary Practice Zenny Ng	
11:45 AM - 1:45 PM		LUN	исн		
	NEW THERAPEUTIC APPROACHES TO CHRONIC CARE SYMPOSIUM	ELANCO DERMATOLOGY SYMPOSIUM	Developing a Health & Wellbeing Approach  Cristin Connor, Scott Mogren	The Ultimate Win: Doing Well, By Doing Good Marty Becker	
	S230 D-F	S320 A-D	Cristin Connor, Scott Plogren	Harty Becker	
1:45 - 2:35 PM	Boehringer Ingelheim	Elanco			
	A Practical Guide to Managing Osteoarthritis: Making Sense of Current Therapies Bryan Torres	Simplified Approach to the Pruritic Dog and Cat Michael Canfield			
2:45 - 3:35 PM	Feline Hypertension: New Developments on a Pressing Topic Bianca Lourenco	History of FAD and Flea Control <i>Michael Dryden</i>	Finding Peace in the Present: A Path to Wellbeing Jeff Thoren	Marketing the Human-Animal Bond to Millennials <i>Eric Garcia</i>	
3:35 - 3:55 PM		BRI	EAK		
3:55 - 4:15 PM	Feline Chronic Kidney Disease Shelly Vaden	Parasitology Meets Dermatology: A Case Based Approach Michael Canfield, Michael Dryden	Living in the Moment and Learning How to Let Go Jeff Thoren	The Human Animal Bond: Your Biggest Profit Center! Karen Felsted	
4:25 - 4:45 PM					



program		SMALL	ANIMAL		
track	INNOVATION FOR CATS	INNOVATIVE THERAPEUTIC SOLUTIONS SYMPOSIUM	MERCK ANIMAL HEALTH SYMPOSIUM	THE NEXT LEVEL	
location	S310 E-H	S330 E/F	S330 A-D	S230 G/H	
sponsor	ZOETIS PETCARE	MARATANA.	MERCK Animal Health	Virbac	
3:00 - 9:15 AM	Feline Parasite Prevention: What's Falling Through the Cracks? Gary Norsworthy	Use of Nerve Blocks in Small Animal Patients Andrea Looney	Feline Friendly Ticks (and How to Unfriend Them) Susan E. Little	Little Dogs Are Not Big Dogs: The Unique Challenges of Periodontal Therapy in Toy Breeds Brook Niemiec	
9:15 - 9:55 AM		BRE	AK		
9:55 - 10:45 AM	Uniquely Feline: Chronic Pain and Chronic Itch Alison Diesel, Margaret Gruen	Paws for Thought - New Approaches to Assessing and Treating Feline Pain Sheilah Robertson	Tackling Ticks and Lyme Disease: Practical Tips from the Trenches Scott Stevenson	Everything You Need to Know to Diagnose, Treat and Preven Adrenal Disease in Ferrets Nico Schoemaker	
10:55 - 11:45 AM	Herding Cats Into Your Practice Margaret Gruen, Gary Norsworthy	Tips and Tricks for Managing Inappetence in Your Patient Sue Ettinger	In the Spotlight: Influenza - When Bad Gets Worse Jenifer Chatfield	Best Oral Joint Supplement For Your Patient: How To Choose Among A Plethora <i>Leilani Alvarez</i>	
11:45 AM - 1:45 PM		LUN	ICH		
	ZOETIS INFECTIOUS DISEASE SYMPOSIUM	CAPC SYMPOSIUM	10 Steps to Building a Culture of Compliance (Part 1)	NUTRAMAX SYMPOSIUM	
	S310 E-H	S330 E/F	Daniel Markwalder, Andy Roark	S230 G/H	
l:45 - 2:35 PM	ZOETIS PETCARE	CAPC		NUTRAMAX®  LIBORATORIES  VETERINARY SCIENCES, INC.	
.45 - 2.35 PM	Canine Lyme Disease: Optimizing Your Multimodal Prevention Strategy in 2019 Richard Goldstein	Spotlight on Canine Lyme Disease: The Relationship Between Pets & People Michael Yabsley		Incorporating Behavior Strategies into Patient Care: Practical Solutions for Daily Situations Christopher Pachel	
2:45 - 3:35 PM	Canine Infectious Respiratory Disease Complex: Immunological and Non- immunological Components of Disease Prevention Stephan Carey	Overlooking Parasites: What You Might Be Missing Cassan Pulaski	10 Steps to Building a Culture of Compliance (Part 2) Daniel Markwalder, Andrew Roark	Beta-glucans & the Immune System: What Has the Evidence Shown? Vaclav Vetvicka	
3:35 - 3:55 PM		BRE	AK		
	Could It Be Lepto?  George Moore	Where the Parasites Are: CAPC Digital Tools & Resources for Your Practice	The Big Five Personality: What We Know about DVMs and How You Can Get the	Yeast & Bacterial Probiotics: When & Why?	
3:55 - 4:15 PM		Cassan Pulaski	Most from Yours  Elizabeth Strand	Jan Suchodolski	



program			LARGE ANIMAL		755
track	AMERICAN ASSOCIATION OF SMALL RUMINANT PRACTITIONERS	BEEF	DAIRY	EQUINE INFECTIOUS DISEASE	EQUINE WOUND HEALING
location	N210 A	N210 B	N210 C	N210 D	N210 E
sponsor					
8:00 - 9:15 AM	Gastrointestinal Parasites in Small Ruminants <i>Lisa Williamson</i>	Gross Necropsy Lesions of the Respiratory and Gastrointestinal Tract Terry Engelken, Jenna Funk	Precision Agriculture Technologies to Assess Dairy Cattle Health and Welfare David Kelton	When S**T Hits the Fan! Preventing Diseases of GI Origin Lucas Pantaleon	Assessment and Treatment of Equine Wounds Laura Riggs
9:15 - 9:55 AM			BREAK		
9:55 - 10:45 AM	Diet in Small Ruminants David Pugh	Ancillary Therapies for BRD Jenna Funk	Stepping Up to the Plate: The "Hows" and "Whys" of Pain Management in Food Animals Charles Estill	Infection Prevention: A One Health Perspective Lucas Pantaleon	Managing Chronic Equine Wounds Laura Riggs
10:55 - 11:45 AM	Abortions in Small Ruminants <i>David Pugh</i>	Non-cowboy BRD Diagnosis Jenna Funk	Pump Up the Progesterone: Pathogenesis and Management of Cystic Ovarian Degeneration Charles Estill	Leadership and Culture: Is This Important for Disease Prevention? Lucas Pantaleon	Treating Equine Distal Limb Wounds <i>Britta Leise</i>
11:45 AM - 1:45 PM			LUNCH		
1:45 - 2:35 PM	Anthelmintic Use in Camelids and Small Ruminants Lisa Williamson	Immune Management of the Suckling Beef Calf Terry Engelken	Barriers to Implementing Best Practices for Milk Harvest David Kelton	Foot and Hoof Injuries: A Review from Wounds to Fractures Cathleen Mochal-King	Management of Equine Wounds: Case Discussions Britta Leise, Laura Riggs
2:45 - 3:35 PM	External Parasites in Small Ruminants David Pugh	Weaning and Preconditioning Management of Beef Calves Terry Engelken	New Tools for Monitoring Udder Health and Milk Quality David Kelton	Keratomas: Identification, Treatment and Outcome Cathleen Mochal-King	Penetrating Equine Wounds: Assessment and Treatment Laura Riggs
3:35 - 3:55 PM			BREAK		
3:55 - 4:15 PM	Peri-anal Tumor in a Doe <i>Lisa Williamson</i>	Stocker/Feedlot Health Records and Analysis Jenna Funk	Bulk Tank Tests for Emerging Disease Surveillance David Kelton	A How-to Session on Application and Use Cathleen Mochal-King	Equine Wounds: Use of Regenerative & Complementary Therapies Britta Leise
4:25 - 4:45 PM	A Few Repro Practice Tips David Pugh	Breeding Season Analysis and the "Fab Five" Terry Engelken	Neospora-associated Abortion in Cattle Charles Estill	Hoof Abscesses: An Old Problem Made Easy Cathleen Mochal-King	Local Blocks Used in the Management of Equine Wounds Laura Riggs

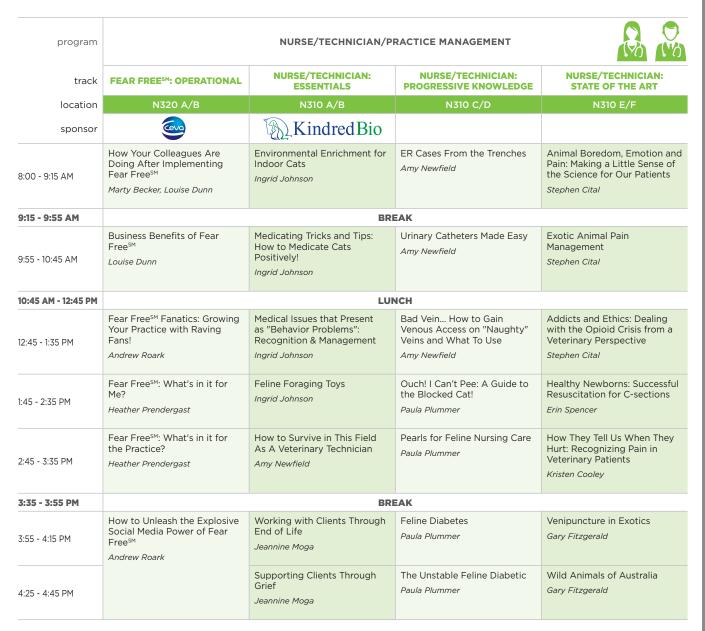


program	LARGE ANIMAL	EXOTICS				
track	SWINE	AMERICAN ASSOCIATION OF ZOO VETERINARIANS	AVIAN: SPECIAL SPECIES	REPTILES		
location	N220 G	N220 E/F	N220 A/B	N220 C/D		
sponsor		are a second	Association of Avian Veterinarians	ÄRAV		
8:00 - 9:15 AM	Sow Mortality Update Laura Bruner, Henry Johnson	Shark Medicine Made Easy: It's Shark Week Every Week at the Zoo! Julie Napier	Macaws: Everything You Wanted to Know but Were Afraid to Ask (and Get Bitten) Jamie Morrisey	Sea Turtles: Natural History & Rehabilitation  Terry Norton, T. Franciscus Scheelings		
9:15 - 9:55 AM		BRI	EAK			
9:55 - 10:45 AM	Pet Pig Practice Essentials  Arlen Wilbers	Great Apes Medicine Made Easy: Clinical Techniques and Common Diseases Doug Whiteside	Ramphastids (Toucan, Toucanet, Aracari): Medicine, Natural History and Conservation Terry Norton	Surgical Approaches to the Reptile Coelom Avery Bennett		
10:55 - 11:45 AM	Potbelly Pig Handling, Restraint, and Procedures <i>Arlen Wilbers</i>	Down on the Pharm? Applications and Considerations of Pharmacology for the Exotic Animal Patient Kathryn Gamble	Mynahs: Medicine, Natural History and Conservation: Focus on the Critically Endangered Bali mynah (Leucopsar rothschildi) Terry Norton	How to Quarantine a Reptile Sam Rivera		
44.45.44.44.54						
11:45 AM - 1:45 PM 1:45 - 2:35 PM	Surgical Considerations and Procedures in Pet Pigs Arlen Wilbers	Jaguar Medicine Made Easy Kay Backues	Cockatiel Color Mutations and Breeding Jamie Morrisey	Don't Let it Croak: Amphibian Emergency Medicine Doug Whiteside		
2:45 - 3:35 PM	Interesting Pet Pig Cases Arlen Wilbers	Hornbill Medicine Made Easy! "Not Just Another Toucan!" Kathryn Gamble	Be Gull-able: Seabird Medicine Revealed Heather Barron	Zoonotic Diseases of Herpetofauna T. Franciscus Scheelings		
3:35 - 3:55 PM		BRI	EAK			
3:55 - 4:15 PM	Interesting Swine Cases  Laura Bruner	Gibbon with Chronic Recurrent Osteomyelitis: Cool Case from Lincoln Park Zoo Kathryn Gamble	Exciting New Discoveries in Vascular Anatomy: The Future is Looking Brite Scott Echols	Lending a Hand: Ex-situ Amphibian Conservation Strategies Doug Whiteside		
4:25 - 4:45 PM	Biosecurity Non-negotiables  Laura Bruner	Rhino Dental Disease Case Kay Backues	Top 5 Considerations in Caring for Finches F. Claire Hankenson	Strategic Parasite Control in Amphibians Sam Rivera		



program	SMALL ANI PRACTICE MAN		A B	program	NURSE/TECHNI PRACTICE MANAG	
track	DISCOVERY THEATER EXPO HALL		CENTRAL THEATER EXPO HALL	track	PRACTICE MANAGEMENT: FAST & FURIOUS TIPS	PRACTICE MANAGEMENT: VETPARTNERS 2019
location	VMX DISCOVERY (EXPO ENTRANCE B)		NAVC CENTRAL (EXPO ENTRANCE A)			TRENDS
	Technology and the			location	N320 C/D	N320 E/F
9:15 AM	Referral Life Cycle  Matt Russell		The Only FDA-Approved Treatment for Feline	sponsor		VetPartners For the good of the profession.
	Sponsor: IDEXX	9:45 AM	Hypertension  Grant Beckett		Fast & Furious Leadership Tips	Engaging the Modern Client: Build and Market
10:15 AM	How To Provide a Lifetime of Great Veterinary Care		Sponsor: Boehringer Ingelheim	8:00 - 9:15 AM	Nan Boss, Rick DeBowes, Peter Weinstein	an Experience They Love <i>Eric Garcia, Stacee Santi</i>
10:15 AM	Lowell Ackerman		Starting the Year with a			
	Sponsor: Orivet	10:45 AM	Dental Health Plan  Elisabeth Kraus	9:15 - 9:55 AM	BRE	EAK
	The Top Technology Trends for Elite		Sponsor: Zoetis Petcare	9:55 - 10:45 AM	Fast & Furious Finance Tips	Digital Trends to Use in Practice Now
11:15 AM	Veterinary Practices Stacee Santi		Perioperative Vomiting is No Fun	9.55 - 10.45 AM	Karen Felsted, Leslie Mamalis, David McCormick	Kerri Marshall, Robert Sanchez
	Sponsor: Zoetis	11:45 AM	Ralph Harvey	10:45 AM - 12:45 PM	LUNCH	
	Apoquel and Cytopoint:		Sponsor: Zoetis Petcare		Fast & Furious Legal	Human Resource Trends
12:15 PM	Which, When and How!  Dana Liska	12:45 PM	NEW REVOLUTION PLUS 6-in-1 Protection Chris Adolph	12:45 - 1:35 PM	Tips  Betsy Choder, Trey Cutler,  Charlotte Lacroix	to Know and Use Now Kurt Oster, Peter Weinstein
	Sponsor: Zoetis Petcare		,		Fast & Furious Human	Effective and Legal
1:15 PM	Urinalysis: The Forgotten Point-of-Care Diagnostic		Sponsor: Zoetis Petcare  Get Clients to Say Yes to Imaging	1:45 - 2:35 PM	Resource Tips  Louise Dunn, Kurt Oster	Telemedicine Trends  Charlotte Lacroix,  Bruce Truman
	Benjamin Brainard	1:45 PM	Wendy Myers		Fast & Furious Tips	Legal Trends:
	Sponsor: Zoetis  Canine CRP and Other		Sponsor: IDEXX		Paul Camillo,	What's Changing That You Need to Know
2:15 PM	Acute Phase Proteins as Markers of Inflammation	2:45 PM	The Silence Around Noise Aversion Sharon Campbell	2:45 - 3:35 PM	Leslie Mamalis, Kurt Oster	Betsy Choder, Trey Cutler
	David Eckersall			3:35 - 3:55 PM	BREAK	
3:15 PM	Sponsor: Hytest  Diagnosis and Management of Interesting Feline Internal Medicine Cases		Sponsor: Zoetis Petcare  The Only AAHA- Recommended and FDA-Approved Insulin for the First-Line Treatment of Diabetic	3:55 - 4:15 PM	Fast & Furious Marketing Tips for Every Practice Eric Garcia, Dani McVety, Dave Nicol	Corporate Sales Trends and How it is Affecting You Leslie Mamalis, David McCormick
	Michael Lappin  Sponsor: Bayer	3:45 PM	Cats Grant Beckett Sponsor: Boehringer Ingelheim	4:25 - 4:45 PM		







BREAKFAST SESSIONS					
time	location	sponsor	session		
6:30 - 7:30 AM	S310 E-H	Dechra Worksy Products	Addison's: The Great Pretender  Audrey Cook		
	S320 A-D	IDEXX	Taking Fear Out of the Veterinary Visit for Pets and Pet Owners  Peter Brown		
	S331 A-D	KindredBio	The Skinny Old Cat Elizabeth Colleran		
	S330 G/H	Vetri SCIENCE*  Laboratories	Dietary Management Of Chronic Enteropathy In Dogs and Cats Michael Leib		
	S320 E-H	ZOETIS PETCARE	REV UP Your Practice with 6-in-1 Protection Chris Adolph		

NURSE/TECHNICIAN BREAKFAST SESSIONS				
6:30 - 7:30 AM	N310 A/B	Banfield PET HOSPITAL	Compassion Fatigue: Veterinary Technicians Suffer Too, but You Don't Have To Abbie Hathaway	
	N310 E/F	IDEXX	Get the Scoop on Poop: Fecal Diagnostics, Details, and Data Michael Dryden	

NURSE/TECHNIC	IAN LUNCHES		
11:00 AM - 12:30 PM	N310 A/B	Boehringer Ingelheim	Lone Star Tick: An expanding Threat to Pets and Humans Beckie Mossor
	N310 E/F	ZOETIS PETCARE	REV UP Your Practice with 6-in-1 Protection Chris Adolph

INDUSTRY LUNC	CHES		
12:00 - 1:30 PM	S330 E/F	XARATANA THERAPEUTICS	What to Do When Dogs Won't Eat: Clinical Impact and Therapeutic Options Stanley Marks
	S310 E-H	Elanco	Psychosocial Effects of Service Dog Ownership for Individuals with Physical Disabilities  Maggie O'Haire
	S330 A-D	Boehringer Ingelheim	Rabies Vaccination: Misconceptions & the "MUST KNOW" Facts Richard Ford
	S331 A-D	Virbac	Fighting Skin Infections-New Technology to Stimulate Innate Immunity Domenico Santoro, Cristiano von Simson

EVENING SESSION	ONS		
5:30 - 6:45 PM	S310 E-H	OAKORN   ANIMAL HEALTH	An Evening with Anesthisiologists (Session 2): Challenging Cases That Can Be Managed In Your Practice Khursheed Mama, Nora Matthews
	S230 G/H	CHRISTIAN VETERINARY MISSION	South Sudan: Letting Jesus Shine into the Darkness Troy Sammons
	S330 G/H	KLASER"	Laser Therapy Simplified: Practical Answers for Effective Implementation David Bradley
	S330 E/F	MEDIVET Biologics Advanced Cellular Solutions	How Stem Cell Therapy Changed My Practice Mike Hutchinson
	S320 E-H	ROYAL CANIN	Future-Proof Your Clinic With a Patient-First Approach  Andy Roark

## SOUTH NORT









HANDS-ON WOR	KSHOPS AT TH	IE ROSEN CENTRE*	
time	location	title/speaker	
8:30 AM - 5:30 PM	SALON 3/4	Common Feline Surgery Procedures  Howard Seim, Brad Case	V
	SIGNATURE 2	RECOVER CPR: Instructor Certification Workshop - Basic and Advanced Life Support Kenichiro Yagi, Daniel Fletcher, Elke Rudloff, Liza Rudolph	V
8:30 AM - 12:30 PM	SALON 11/12	Basic Abdominal Ultrasound for the General Practitioner - Group B Matthew Winter, Clifford "Kip" Berry, Heather Chalmers, Anthony Fischetti, Ryan King, Nate Nelson, Erin Porter, James Sutherland-Smith	V
	SALON 9/10	Canine Extractions and Extraction Complications  Cindy Charlier, Wade Gingerich, Donnell Hansen, Christopher Snyder	V
	SALON 7/8	Basic Cytology Maxey Wellman, Rick Alleman, Guillermo Couto, James Meinkoth	V   N/T
	SALON 1/2	Urethral Catheterization of the Female Dog Jamie Burkitt, Elizabeth Rozanski, Sean Smarick	V   N/T
1:30 - 5:30 PM	SALON 11/12	Advanced Abdominal Ultrasound for the Progressive Practitioner - Group B Matthew Winter, Clifford "Kip" Berry, Heather Chalmers, Anthony Fischetti, Ryan King, Nate Nelson, Erin Porter, James Sutherland-Smith	V
	SALON 7/8	Advanced Cytology Maxey Wellman, Rick Alleman, Guillermo Couto, James Meinkoth	V   N/T
	SALON 9/10	Feline Extractions and Extraction Complications Cindy Charlier, Wade Gingerich, Donnell Hansen, Christopher Snyder	V

ROUNDS AT TH	IE ROSEN CEN	TRE*		
time	session	location	title/speaker	
8:00 - 10:00 AM	R21	SALON 17	Handling Cardiac Emergencies: Challenging Clinical Cases Sandy Tou	V
	R22	SALON 18	Monitoring with Confidence  Kristen Cooley, Trish Farry	V   N/T   PM
	R23	SALON 19	Are You Overwhelmed by Operations? Simplify It!  Dave Nicol, Peter Weinstein	V   N/T   PM
	R24	SALON 20	Radiology Film Reading (Thorax II)  Eric Herrgesell, Bill Hornof  D I A G N O S T I C S	V
2:40 - 4:40 PM	R25	SALON 17	Feline Constipation: Case-based Discussion Katie Tolbert	٧
	R26	SALON 18	Tied in Knots! Hands-on Tutorial on Secure Ligatures and Buried Knots  Daniel Smeak	V
	R27	SALON 19	Transforming Stress and Building Resilience  Jeannine Moga	V   N/T   PM
	R28	SALON 20	Radiology Film Reading (Abdomen II)  Eric Herrgesell, Bill Hornof  D I A G N O S T I C S	٧

MEET THE PRO	FESSOR LUNC	HEONS AT THE ROS	SEN CENTRE*	
time	session	location	title/speaker	
12:00 - 1:30 PM	MTPL13	SALON 17	Vaccine and Adjuvants: Understanding the Immunology Behind Vaccination Jonathan Fogle	V
	MTPL14	SALON 18	The Acute Abdomen: What is Surgical and What is Not?  Sarah Marvel	٧
	MTPL15	SALON 19	Bartonellosis: An Emerging Infectious Disease of Zoonotic Importance Edward Breitschwerdt	٧
	MTPL16	SALON 20	Can You Assess Behavior in a 20 Minute Appointment? YES if You Watch the Patient with Educated Eyes Karen Overall	٧

 $<sup>{\</sup>it *Additional\ fees\ apply.\ Preregistration\ required.\ Check\ Registration\ for\ availability.}$ 

## ATTENDEE KEY

program		SMALL ANIMAL	
track	AMERICAN COLLEGE OF VETERINARY ANESTHESIA AND ANALGESIA	SMALL ANIMAL MEDICINE	SMALL ANIMAL SURGERY
location	WINDERMERE Y	WINDERMERE W	WINDERMERE X
sponsor	OAKORN ANIMAL HEALTH		
8:00 - 9:15 AM	Managing the Opioid Shortage to Optimize Perianesthetic Care for Dogs and Cats Tatiana Ferreira, Khursheed Mama	Is it Infectious or Immune-mediated?  Edward Breitschwerdt, Andrew Mackin	The Art and Science of the Canine Lameness Exam Clara Goh, Ross Palmer
9:15 - 9:55 AM		BREAK	
9:55 - 10:45 AM	Practical Application of Local and Regional Techniques Tatiana Ferreira	Immune-mediated Hemolytic Anemia: Establishing a Diagnosis in Practice Andrew Mackin	Common Errors to Avoid in Fracture Treatment Ross Palmer
10:55 - 11:45 AM	Minimizing and Managing Anesthesia Complications Khursheed Mama	Immune-mediated Thrombocytopenia: Establishing a Diagnosis in Practice Andrew Mackin	Orthopedic Radiography Tips: Avoiding the "Dogagram" Clara Goh
11:45 AM - 1:45 PM		LUNCH	
1:45 - 2:35 PM	Assessment and Management of the Painful Dog and Cat Tatiana Ferreira	Vector Borne Infectious Diseases in North America: Clinical and Zoonotic Implications Edward Breitschwerdt	Canine Meniscus Injuries: Updates in Diagnosis and Treatment Ross Palmer
2:45 - 3:35 PM	A Case-based Approach to Fluid and Electrolyte Therapy During Anesthesia Khursheed Mama	Serological and Molecular Diagnosis of Vector Borne Infectious Diseases Edward Breitschwerdt	Pain, Ataxia, Paresis and Paralysis: Treating Intervertebral Disc Disease (IVDD) Sara Boyd
3:35 - 3:55 PM		BREAK	
3:55 - 4:15 PM	Breed Specific Anesthetic Complications Khursheed Mama	Immune-mediated Thrombocytopenia: What To Do in the First Hour Andrew Mackin	Getting the Excap Suture Around the Fabella Every Time!  Ross Palmer
4:25 - 4:45 PM	Update on Nocita and Grapiprant: How Can I Use These to Benefit My Patients Tatiana Ferreira	Anticoagulant Rodenticide Poisoning: What To Do in the First Hour Andrew Mackin	Splints Versus Casts: Indications and Application Tips Clara Goh



program	SMALL ANIMAL					
track	AMERICAN ACADEMY OF VETERINARY NUTRITION	AMERICAN COLLEGE OF VETERINARY SPORTS MEDICINE AND REHABILITATION  MERCEN SPREASE SYMPOSIUM		CEVA SYMPOSIUM		
location	S331 A-D	S210 D/E	S330 A-D	S230 D-F		
sponsor	AAVN		Boehringer Ingelheim	<u> </u>		
8:00 - 9:15 AM	Using All the Tools in Your Box: Incorporating Dietary Supplements into Your Treatment Plan Lisa Weeth, Susan Wynn	Where Does It Hurt?: A Case-based Approach to Lameness Diagnosis Wanda Gordon-Evans, David Lane	Heartworm: A Dynamic Conversation About a Complex Disease with Dr. Steve Jones and Dr. Brian Herrin Brian Herrin, Steve Jones	Multimodal Therapy: Improving the Management of Allergic Disease Michael Rossi		
9:15 - 9:55 AM		BRI	EAK			
9:55 - 10:45 AM	Ketogenic Diets for Dogs: Trend or Truth? <i>Lisa Weeth</i>	Prevention and Treatment of Athletic Injuries Wanda Gordon-Evans	Lyme Disease: Does It Matter If a Dog Is Positive? George Moore	Puppy Socialization: Is this Puppy Normal or is it a "Lemon"? Pt. 1 Amanda Eik, Elizabeth Fetes		
10:55 - 11:45 AM	Nutrition for the Aged Dog and Cat Susan Wynn	Treating Back Pain: It's More Than Just Drugs and Crossed Fingers David Lane	Leptospirosis: A New Era of Diagnosis & Prevention Jane Sykes	Puppy Socialization: Is this Puppy Normal or is it a "Lemon"? Pt. 2 Amanda Eik, Elizabeth Fetes		
11:45 AM - 1:45 PM		LUN	NCH			
	Help! My Client Wants to Feed a Vegan/Vegetarian Diet! Lisa Weeth	Spinal Surgery: When to Cut, When Not to Cut and the Grey Area Wanda Gordon-Evans	Canine Babesiosis: A Continued Threat to Canine Health Adam Birkenheuer	ANESTHESIA & ANALGESIA: CURRENT & FUTURE S230 D-F		
1:45 - 2:35 PM				ZOETIS PETCARE		
				The Changing Toolbox for Canine OA Management Steven Budsberg, Mark Papich		
2:45 - 3:35 PM	Canine IBD vs PLE: When Diet Strategies Diverge Susan Wynn	Acupuncture and Spinal Deficits: What Do We Know So Far? David Lane	Emerging Hemoprotozoa in the Dog & Cat: What Am I Missing? Karen Snowden	Minimizing Opioid Use for Dental Procedures Tamara Grubb		
3:35 - 3:55 PM		BRI	EAK			
3:55 - 4:15 PM	Nutritional Approach to Hyperlipidemia Lisa Weeth	\$&!^ Flows Upstream: A Look at Secondary Back Pain Wanda Gordon-Evans, David Lane	Cat Fleas Are Dangerous! An Update on Bartonellosis in Cats, Dogs, & People Michael Lappin	Minimizing Opioid Use for Abdominal Surgeries Andre Shih		
4:25 - 4:45 PM	Nutritional Approach to Osteoarthritis Susan Wynn					



program	SMALL ANIMAL					
track	END OF LIFE: GERIATRIC MEDICINE AND EUTHANASIA	HOLISTIC MEDICINE	IDEXX SKINNY CAT TRACK	NATIONAL VETERINARY ACCREDITATION PROGRAM COURSES		
location	S310 E-H	S210 A-C	S320 A-D	S230 B/C		
sponsor	CareCredit Making care possibletoday.		IDEXX	USDA		
8:00 - 9:15 AM	Know Regrets: Marketing to the Geriatric Pet Families Mary Gardner	Medical Cannabis for Veterinarians: Biochemistry, Clinical Use and Regulatory Issues Robert Silver	Feline Kidney Disease: Early Diagnosis and Impact of Nutritional Management Jennifer Ogeer	NVAP Module #9 - Interstate and International Health Certificates for Category Animals Dave Harper		
9:15 - 9:55 AM		BRI	EAK			
9:55 - 10:45 AM	Caregiver Burden: When Loving Hurts Mary Gardner	What if Cannabis Could Cure Cancer? Robert Silver	Feline Diabetes Mellitus: Essential Facts for the Astute Practitioner J. Catharine Scott-Moncrieff	NVAP #28 Module - Significant & Emerging Viral Diseases of Carp, Koi, & Goldfish Kathleen Hartman		
10:55 - 11:45 AM	The Veterinary Etiquette of Euthanasia  Dani McVety	The Best Evidence-based Cancer Busting Supplements Currently Available Robert Silver	Feline Hyperthyroidism: Guidelines for Diagnosis and Management/Diet J. Catharine Scott-Moncrieff	NVAP Module #15 - Disease Prevention and Biosecurity in Aquaculture Kathleen Hartman		
11:45 AM - 1:45 PM		LUI	NCH			
	The Latest Improvements in Euthanasia Sedation  Dani McVety	Cancer Metabolism and Regulation Paula Jo Broadfoot	IDEXX - DIAGNOSTIC INNOVATIONS FOR IMPROVED PATIENT CARE	NVAP Module #5 - Vesicular Diseases Michael Whicker		
			S320 A-D			
1:45 - 2:35 PM			IDEXX			
			Doing Good with SDMA: Benefits of SDMA beyond CKD Jennifer Ogeer			
2:45 - 3:35 PM	Deciding When It's Time to Say Goodbye, but the Head and Heart Aren't in Synch Mary Gardner	Cancer, Thymus Extracts and Bioregulatory Therapy Paula Jo Broadfoot	CRP: What's Your Superpower? Detect and Monitor Systemic Inflammation in Dogs in Real Time Graham Bilbrough	NVAP Module #18 - Avian Influenza (AI) and Exotic Newcastle Disease Christopher Young		
3:35 - 3:55 PM		BRI	EAK			
3:55 - 4:15 PM	Aggressive Pet Euthanasia Mary Gardner	Cancer and Nutraceuticals: Emerging Therapies Paula Jo Broadfoot	All About Fecal Diagnostics: Classic and Cutting Edge Michael Dryden	NVAP Module # 30 - The Role of Veterinarians in Honey Bee Health <i>Michael Whicker</i>		
4:25 - 4:45 PM	Talking to Children About Death Dani McVety					



program	SMALL ANIMAL					
track	THE OFA TOOLSET TO MINIMIZE HEREDITARY DISEASE	ONCOLOGY	SHELTER MEDICINE	THE NEXT LEVEL		
location	S330 G/H	S330 E/F	S320 E-H	S230 G/H		
sponsor	OFA	<b>Kindred</b> Bio	MERCK Animal Health	Virbac		
8:00 - 9:15 AM	Using OFA in Your Practice and Counseling Clients Jerold Bell, Eddie Dziuk, Frances Smith	Recent Advancements in Oncology Craig Clifford, Sue Ettinger	Quality of Life Concepts for Companion Animals Emily McCobb	The New Paradigm: Early Canine Osteoarthritis Recognition, Assessment, and Management Mark Epstein		
9:15 - 9:55 AM		BRI	EAK			
9:55 - 10:45 AM	Essentials of Health Screening and DNA Testing in Dogs <i>Anita Oberbauer</i>	Transitional Cell Carcinoma: What's New and What You Need to Know! Craig Clifford	Anesthesia for the Geriatric Pet in the Shelter or Community Medicine Setting Emily McCobb	You Should Still Be Concerned About the Sandbox Andy Moorhead		
10:55 - 11:45 AM	How to Improve the Probability of Making the Correct Diagnosis: Proper Positioning -Proper Technique -Elbows and Hips Victor Rendano	Feline Lymphoma vs IBD: The Struggle Is Real Sue Ettinger, Susan Little	Coping with Opioid Shortages in the Shelter Environment Emily McCobb	Staphylococcal Skin Infections in the Age of Antibiotic Resistance Douglas DeBoer		
11:45 AM - 1:45 PM		LUN	NCH			
1:45 - 2:35 PM	AKC Canine Health Foundation: Investing in a Healthy Future for All Dogs, Bringing Scientists, Veterinarians & Dog Lovers Together Diane Brown	Cancer Cliff Notes: 5 Cancers, What You Need to Know Sue Ettinger	Preventing and Responding to Anesthetic Emergencies in the Shelter Setting <i>Emily McCobb</i>			
	Before Your Clients Buy That Cute Puppy - Your Role is Helping Them Do Their Homework! Nancy Bromberg					
2:45 - 3:35 PM	The OFA Databases and Diagnostic Protocols Gregory Keller	Palliative Care and the Cancer Patient: How to Improve Quality of Life Craig Clifford	Emerging Infectious Diseases in Domestic Animals Chrissy Eckstrand			
3:35 - 3:55 PM		BRI	EAK			
3:55 - 4:15 PM	OFA Panel Discussion/ Question & Answer Session	The Importance of Phenotyping in Canine Lymphoma  Craig Clifford	Feline Retroviral and Coronaviral Updates Chrissy Eckstrand			
4:25 - 4:45 PM		FAQs: The New Chemotherapy Safety Requirements for All Practices Sue Ettinger, Jenny Fisher				

## **LOCATION KEY**









program	LARGE ANIMAL				
track	AMERICAN ASSOCIATION OF BOVINE PRACTITIONERS	AMERICAN ASSOCIATION OF SMALL RUMINANT PRACTITIONERS	EQUINE LAMENESS	EQUINE UPPER RESPIRATORY DISORDERS	
location	N210 B	N210 A	N210 D	N210 E	
sponsor					
8:00 - 9:15 AM	Jim Jarrett Memorial Lecture - Back to the Future: Bovine Practice Issues Christine Navarre			Upper Respiratory Disorders: Where to Start, A Case Based Approach Jeremiah Easley, Elleen Hackett	
9:15 - 9:55 AM		BRI	EAK		
9:55 - 10:45 AM	Urolithiasis in Cattle Misty Edmondson	Small Ruminant Emergencies  Lisa Wiliamson  Off-the-Track Thoroughbreds: What to Know When Your Client Wants One as Their Next Horse Shannon Reed		Exercising Endoscopy in the Performance Horse: What Are the Applications?  Eileen Hackett	
10:55 - 11:45 AM	Anthelmintic Resistance in Beef Cattle Christine Navarre	Abdominal Distension in Small Ruminants: Diagnostic Approach Meredyth Jones	Difficult Lameness Cases: Expanding Your Toolbox Rhodes Bell	Equine Head Imaging: Getting a Better Look at Regional Disorders Jeremiah Easley	
11:45 AM - 1:45 PM		LUP	NCH		
1:45 - 2:35 PM	Antimicrobial Therapy in Bovine Reproduction Misty Edmondson	Reproductive Ultrasound in Camelids Stephen Purdy	Recognizing Communication Pitfalls During Lameness Examinations Shannon Reed	Epiglottis Function: How Abnormalities Can Impact Performance Eileen Hackett	
2:45 - 3:35 PM	Managing Musculoskeletal Injuries in Cattle Misty Edmondson	Camelid Reproduction in the Peruvian Andes Stephen Purdy	Palmar Digital Neurectomy: Finding Where It Fits in Equine Practice Rhodes Bell	Sinus Disease: Making Sense of this Complex Space Jeremiah Easley	
3:35 - 3:55 PM		BRI	EAK		
3:55 - 4:15 PM	Management of Reproductive Injuries in Bulls Misty Edmondson	Fluid Therapy in Small Ruminants Meredyth Jones	Working Through Complications After Articular Injections Shannon Reed	Sinus Trephination: Tips and Tricks Jeremiah Easley	
4:25 - 4:45 PM	BQA - Are You Certified? Christine Navarre	Twinning and Early Embryonic Death in Alpacas Stephen Purdy	Using the Lactometer in Equine Practice Rhodes Bell	Throat Spray: What to Use and How to Use It Eileen Hackett	



program	EXOTICS				
track	AQUATIC MEDICINE	CONSERVATION MEDICINE: EXOTIC COMPANION THE FRONTIER OF WILDLIFE HEALTH EXOTIC COMPANION MAMMALS: DIAGNOSTICS AND ??		RAPTORS & FALCONRY	
location	N220 C/D	N220 G	N220 E/F	N220 A/B	
sponsor			ASSOCIATION OF EXOTIC MAMMAL VETERINARIANS	Association of Avian Veterinarians	
8:00 - 9:15 AM	What the Shark is This? Live Demonstration, Techniques and Discussion in Elasmobranch Medicine Shane Boylan, Tres Clark, Bob George, Todd Schmitt	Ranavirus: The Cold-blooded Killer Debra Miller	Wound Management: From ER to Surgery to Post-op Avery Bennett, Margaret Fordham	Raptor Medicine: Basic Knowledge for Successful Outcomes: What You Should Know Michael Jones, Julia Ponder	
9:15 - 9:55 AM		BRI	EAK		
9:55 - 10:45 AM	What the Shark is This? Live Demonstration, Techniques and Discussion in Elasmobranch Medicine Shane Boylan, Tres Clark, Bob George, Todd Schmitt	Important Parasitic Diseases Impacting Wildlife Health Michael Yabsley	ECM Urinary Tract Surgery  Avery Bennett	Raptor Medicine: Triage and Treatment of Common Presentations Michael Jones, Julia Ponder	
10:55 - 11:45 AM	What the Shark is This? Live Demonstration, Techniques and Discussion in Elasmobranch Medicine Shane Boylan, Tres Clark, Bob George, Todd Schmitt	The Impact of Rodenticides & Other Toxins on Wildlife Population Health Julia Ponder	Ferret Adrenal Gland Disease on a Budget Jamie Morrisey	Important Infectious Diseases of Raptors  Michael Jones	
11:45 AM - 1:45 PM		LUN	NCH		
1:45 - 2:35 PM		The Role of Wildlife Centers in Monitoring Population Health Heather Barron	Rabbit GI Stasis: The Ifs, Whys and How Margaret Fordham	Management Problems of Captive Raptors: Prevention and Treatment Michael Jones, Julia Ponder	
2:45 - 3:35 PM		Health Impact of Environmental Toxins in Free-ranging Dolphins & Sea Turtles Debra Miller	How to be a Consulting Lab Animal Veterinarian F. Claire Hankenson	Raptor Reconditioning: What to Consider Before You Release Julia Ponder	
3:35 - 3:55 PM		BRI	EAK		
3:55 - 4:15 PM		The Bugs Within: What GI Microbiomes Reveal About Wildlife Health Sonia Hernandez	Stabilizing Emergency Small Mammal Wildlife Patients Jamie Morrisey	Controlling Pain in Raptors: Beyond Meloxicam <i>Michael Jones</i>	
4:25 - 4:45 PM		Dromedary Camels: The "New Cow" of Kenya Sharon Deem	Trauma-related Dental Disease and Jaw Fractures Estella Bohmer	Raptor Outcomes: Making the Tough Decisions Michael Jones, Julia Ponder	







PROGRESSIVE   STATE OF THE ART   Incation	program	NURSE/TECHNIC	CIAN VO	program	SMALL ANI PRACTICE MANA		
Iocation   Sponsor   Spo	track	PROGRESSIVE		track			CENTRAL THEATER
The Veterinary Nurse's Critical Patient Checklist Courtney Waxman  The Veterinary Nurse's Critical Patient Checklist Courtney Waxman  Season Surses Same  Anaphylaxis in Small Animals  9:55 - 10:45 AM  Anaphylaxis in Small Animals  Courtney Waxman  Courtney Waxm	location		N310 E/F	location	VMX DISCOVERY		EXPO HALL NAVC CENTRAL (EXPO ENTRANCE A)
9:15 - 9:55 AM  BREAK  Anaphylaxis in Small Anaphylaxis in Small Courtney Waxman  Anaphylaxis in Small Anaphylaxis in Sponsor IDEX  10:45 AM Two Legs, Four	<u> </u>	Critical Patient Checklist	Needs for the Hepatic Patient	9:15 AM	Telemedicine and State Veterinary Medical Boards? Update on PetsPac and Political Issues Facing the Veterinary		Putting PR into Practice: How to Leverage Local Media for Practice Success Robin Woodcock Sponsor: IDEXX
9:55 - 10:45 AM Anjahylaxis in Small Anjahylaxis in Small Anjahylaxis in Small Anjahy Anjahya Anja	9:15 - 9:55 AM	BRI	EAK		Mark Cushing		Minimal Time, Maximum
10:15 AM and Your Staff Annette Uda When Care Is Critical: An Interactive Discussion of Nutrition in the IcU- For Verifical End in Itaraccular Patient Arish Farry  When Care Is Critical: An Interactive Discussion of Nutrition in the IcU- For Verifical End in Itaraccular Patient Alexander Prevention Black: Everyt on Diagnosis and Prevention Interactive Discussion of Nutrition in the IcU- For Verifical: An Interactive Discussion of Nutrition in the IcU- For Verifical: An Interactive Discussion of Nutrition in the IcU- For Verifical: An Interactive Discussion of Nutrition in the IcU- For Verifical: An Interactive Discussion of Nutrition in the IcU- For Verifical: An Interactive Discussion of Nutrition in the IcU- For Verifical: An Interactive Discussion of Nutrition in the IcU- For Verifical: An Interactive Discussion of Nutrition in the IcU- For Verifical: An Interactive Discussion of Nutrition in the IcU- For Verifical: An Interactive Discussion of Nutrition in the IcU- For Verifical: An Interactive Discussion of Nutrition in the IcU- For Verifical: An Interactive Discussion of Nutrition in the IcU- For Verifical: An Interactive Discussion of Nutrition in the IcU- For Verifical: An Interactive Discussion of Nutrition in the IcU- For Verifical: An Interactive Discussion of Nutrition in the Icu- For Verifical: An Interactive Discussion of Nutrition in the Icu- For Verifical: An Interactive Discussion of Nutrition in the Icu- For Verifical Patient Prevail Patien	9:55 - 10:45 AM	Animals	Brain Aging: Nutritional Management		Two Legs, Four Legs, One Healthy Goal: Infectious Disease	10:45 AM	Results: Make Social Media Work for You Emma Lishness Sponsor: IDEXX
Triage & Initial Patient Assessment Assessment Courtney Waxman Anesthesia of the Lines Stephen Cital  Nursing on the Front Line: Recognizing Early Hemodynamic Changes in the Post-operative Critical Patient Stephen Cital  BREAK  Tox Talk: Rodenticides Stephen Cital  BREAK  Tox Talk: Rodenticides Stephen Cital  Tox Talk: Plants and Amaryana Annesthesia of the Lines Recognizing Early Hemodynamic Changes in the Post-operative Critical Patient Stephen Cital  BREAK  Tox Talk: Rodenticides Courtney Waxman  Tox Talk: Plants and Foods Annesthesia of the Interactive Discussion of Nutrition in the ICU- For Nutrition in	10:45 AM - 12:45 PM	LUN	NCH	10:15 AM			Heartworm is the New
Reading Between the Lines  Reading Between the Intracoular Patient  Trish Farry  Reading Mery Sponsor: Zoet  Reading Mery Sponsor: Zoet  Reading Mery Reading Mery Mery Adesola Odunayo  Reading On the Front  Lines Recognizing Early  Hemodynamic Changes  Right Away  Renichiro Yagi  Reading Mery Partice  Reading Mery Readi	12:45 - 1:35 PM	Assessment	Riding the Wave			11:45 AM	Black: Everything New on Diagnosis, Treatment, and Prevention
Reading Between the Lines  Stephen Cital  Nursing on the Front Line: Recognizing Early Hemodynamic Changes in the Post-operative Critical Patient  Stephen Cital  BREAK  Tox Talk: Rodenticides  Stephen Cital  Block the Box: Stephen Cital  Block the Box: Stephen Cital  Block the Box: Getting Away from Mask and Box Induction Techniques  Stephen Cital  Ausman  Anesthesia of the Intraocular Patient  Trish Farry  Thy You Should Feed Your Parvo Patients Right Away  Kenichiro Yagi  Tox Talk: Rodenticides Courtney Waxman  Tox Talk: Plants and Foods Tox Talk: P			Wister Cooley				Jessica Rodriguez
Line: Recognizing Early Hemodynamic Changes in the Post-operative Critical Patient  Stephen Cital  BREAK  Favorite 3, Local and Regional Nerve Blocks  Stephen Cital  Block the Box: Getting Away from Mask and Box Induction Techniques  Stephen Cital  Block the Box: Getting Away from Mask and Box Induction Techniques  Stephen Cital  Line: Recognizing Early Hemodynamic Changes in the Post-operative Critical Away  Kenichiro Yagi  Number of Vaccination for Lyme Disease  Right Away  Kenichiro Yagi  Innovation and Advancements in the Vaccination for Lyme Disease  Richard Marconi  Sponsor: Zoetis Petcare  Practice Data and the Network Effect  Network Effect  Sponsor: IDEXX  Sponsor: IDEXX  Sponsor: IDEXX  The Only Proceed by For the Preve Borrelia burg Infections as Result of Kill legged Ticks  When Care Is Critical: An Interactive Discussion of Nutrition in the ICU- For Ingelte in marketing in the Post-operative Care in the Vaccination and Advancements in the Vaccination for Lyme Discussion of Nutrition in the ICU- For Innovation and Advancements in the Vaccination for Lyme Discussion of Nutrition in the ICU- For Innovation and Advancements in the Vaccination for Lyme Discussion of Nutrition in the ICU- For Innovation and Advancements in the Vaccination for Lyme Discussion of Nutrition in the ICU- For Innovation and Advancements in the Vaccination for Lyme Discussion of Nutrition in the ICU- For Innovation and Advancements in the Vaccination for Lyme Discussion of Nutrition in the ICU- For Innovation and Advancements in the Vaccination for Lyme Discussion of Nutrition in the ICU- For Innovation and Advancements in the Vaccination for Lyme Discussion of Nutrition in the ICU- For Innovation and Advancements in the Vaccination for Lyme Discussion of Nutrition in the ICU- For Innovation and Advancements in the Vaccination for Lyme Discussion of Nutrition in the ICU- For Innovation and Advancements in the Vaccination for Lyme Discussion of Nutrition in the ICU- For Innovation and Innovation and Innovation and Innovation and	1:45 - 2:35 PM	Lines	Intraocular Patient	11:15 AM	Nutrition in the ICU- For Veterinarians Maryanne Murphy,	12:45 PM	Sponsor: Zoetis Petcare  How to Be a Chronic Pain Hero  Alison Gottlieb
Line: Recognizing Early Hemodynamic Changes in the Post-operative Critical Patient Stephen Cital  BREAK  Favorite 3, Local and Regional Nerve Blocks Stephen Cital  Block the Box: Getting Away from Mask and Box Induction Techniques Stephen Cital  Block the Box: Getting Away from Mask and Box Induction Techniques Stephen Cital  Block the Box: Getting Away from Mask and Box Induction Techniques Stephen Cital  Block the Box: Getting Away from Mask and Box Induction Techniques Stephen Cital  Block the Box: Getting Away from Mask and Box Induction Techniques Stephen Cital  Block the Box: Getting Away from Mask and Box Induction Techniques Stephen Cital  Block the Box: Getting Away from Mask and Box Induction Techniques Stephen Cital  Block the Box: Getting Away from Mask and Box Induction Techniques Stephen Cital  Block the Box: Getting Away from Mask and Box Induction Techniques Stephen Cital  Block the Box: Getting Away from Mask and Box Induction Techniques Stephen Cital  Block the Box: Getting Away from Mask and Box Induction Techniques Stephen Cital  Block the Box: Getting Away from Mask and Box Induction Techniques Stephen Cital  Block the Box: Getting Away from Mask and Box Induction Techniques Stephen Cital  Block the Box: Getting Away from Mask and Box Induction Techniques Stephen Cital  Block the Box: Getting Away from Mask and Box Induction Techniques Stephen Cital  Block the Box: Getting Away from Mask and Box Induction Techniques Stephen Cital  Block the Box: Getting Away from Mask and Box Induction Techniques Stephen Cital  Block the Box: Getting Away from Mask and Box Induction Techniques Stephen Cital  Block the Box: Getting Away from Mask and Box Induction Techniques Stephen Cital  Block the Box: Getting Away from Mask and Box Induction Techniques Stephen Cital  Block the Box: Getting Away from Mask and Box Induction Techniques Stephen Cital  Block the Box: Getting Away from Mask and Box Induction Techniques Stephen Cital  Block the Box: Getting Away from Mask and Box Induction Techniques Stephen Cit		Nursing on the Front	Why You Should Feed		Sanasaw Paval Canin		Cuanas Vantia Datas va
Favorite 3, Local and Regional Nerve Blocks  Stephen Cital  Block the Box: Getting Away from Mask and Box Induction Techniques  Stephen Cital  Tox Talk: Rodenticides  Courtney Waxman  1:15 PM  Practice Data and the Network Effect  Matt Russell  Sponsor: IDEXX  Favorite 3, Local and Regional Nerve Blocks  Stephen Cital  1:15 PM  Practice Data and the Network Effect  Matt Russell  Sponsor: IDEXX  Sponsor: IDEXX  Find Only Proposed by for the Preve Borrelia burg Infections as Result of Kill legged Ticks  Ed Loebach  When Care Is Critical: An Interactive Discussion of Nutrition in the ICU- For Ingelheim	2:45 - 3:35 PM	Hemodynamic Changes in the Post-operative Critical Patient	Right Away	12:15 PM	Innovation and Advancements in the Vaccination for Lyme Disease	1:45 PM	
Favorite 3, Local and Regional Nerve Blocks  Stephen Cital  Block the Box: Getting Away from Mask and Box Induction Techniques  Stephen Cital  Tox Talk: Plants and Foods  Courtney Waxman  Foods  Courtney Waxman  Tox Talk: Plants and Foods  Courtney Waxman  Foods  Courtney Waxman  Tox Talk: Plants and Foods  Courtney Waxman  Foods  Courtney Waxman  Tox Talk: Plants and Foods  Courtney Waxman  Foods  Courtney Waxman  The Only Proceeding and Removing Bottlenecks in Your Practice  Infections as Result of Kill legged Ticks  Ed Loebach  Sponsor: Boel Ingelheim  Sponsor: Boel Ingelheim	3:35 - 3:55 PM	BRI	<b>EAK</b>		Sponsor: Zoetis Petcare		Sponsor: PRN
Away from Mask and Box Induction Techniques  Stephen Cital  Away from Mask and Box Induction Techniques  Stephen Cital  Away from Mask and Box Induction Techniques  Stephen Cital  Away from Mask and Box Induction Teasure: Identifying and Removing Bottlenecks in Your Practice Ivan Zak  Sponsor: IDEXX  When Care Is Critical: An Interactive Discussion of Nutrition in the ICU- For Ingelheim  Sponsor: Boel Ingelheim	3:55 - 4:15 PM	Regional Nerve Blocks		1:15 PM	Practice Data and the Network Effect	2:45 PM	Leptospirosis Myth
Sponsor: IDEXX  When Care Is Critical: An Interactive Discussion of Nutrition in the ICU- For Ingelheim	4:25 - 4:45 PM	Away from Mask and Box Induction Techniques	Foods	2:15 PM	Hidden Treasure: Identifying and Removing Bottlenecks in Your Practice		Sponsor: Zoetis Petcare  The Only Product Approved by the FDA for the Prevention of Borrelia burgdorferi Infections as a Direct
When Care Is Critical: An Interactive Discussion of Nutrition in the ICU- For Ingelheim					Sponsor: IDEVV	3:45 PM	Result of Killing Black- legged Ticks
Technicians and Practice					When Care Is Critical: An Interactive Discussion of		Ed Loebach  Sponsor: Boehringer
3:15 PM Members  Maryanne Murphy, Adesola Odunayo  Sponsor: Royal Canin				3:15 PM	Members Maryanne Murphy, Adesola Odunayo		











BREAKFAST SESSIONS						
time	location	sponsor	session			
	S210 A-C	Day Scart of Posserial es	CryoSurgery in Veterinary Medicine: Techniques and Practicum for the Small Animal Practice Sam Niedbala, Tim Mosebey			
	S310 E-H	PRN.	Easy as Peeing in Bed: Why Dogs Become Incontinent and How to Treat It Gary Oswald			
	S210 D/E	RAMER'S DOG	The Future of Pet Food: A Fresh Take  Brett Podolsky			
	S330 E/F	zoetis.	Wellness Screening in Your Practice - It's What Your Patients Deserve Richard Goldstein			

ROUNDS AT TH	E ROSEN CEN	TRE*		
time	session	location	title/speaker	
8:00 - 10:00 AM	R29	SALON 17	Identifying and Managing Arrhythmias in the Peri-anesthetic Period Khursheed Mama	V
	R30	SALON 18	Squeezing Every Drop of Info Out of the CBC Rick Alleman, Guillermo Couto	V
	R31	SALON 19	Raptors in Captivity - Ensuring Animal Welfare  Julia Ponder	V
	R32	SALON 20	Transfusion Related Complications: What Else Could Possibly Go Wrong?  Andrew Mackin	V
2:40 - 4:40 PM	R33	SALON 17	Bites, Bullets & Branches: Successful Management of Penetrating Injuries Bonnie Campbell	V
	R34	SALON 18	Stifle and Hip Radiographic Interpretation 101 Clara Goh	V

MEET THE PRO	FESSOR LUNC	HEONS AT THE ROS	SEN CENTRE*	
time	session	location	title/speaker	
12:00 - 1:30 PM	MTPL17	SALON 17	Analgesia and Anesthesia for the Critical Patient  Elke Rudloff	V
	MTPL18	SALON 18	Canine Orthopedic First Aid Principles, Tips and Tricks Ross Palmer	V
	MTPL19	SALON 19	Feline Bladder Stones: Between a Rock and a Hard Place Susan Little	V
	MTPL20	SALON 20	Anesthesia and Analgesia Challenges in Small Mammals: A Case Discussion Margaret Fordham, Khursheed Mama	V

<sup>\*</sup>Additional fees apply. Preregistration required. Check Registration for availability.

program	SMALL ANIMAL					
track	SMALL ANIMAL MEDICINE	SMALL ANIMAL SURGERY	WSAVA DENTISTRY SYMPOSIUM	AMERICAN BOARD OF VETERINARY PRACTITIONERS	BSAVA: NEUROLOGY SYMPOSIUM	
location	WINDERMERE W	WINDERMERE X	WINDERMERE Y	S310 E-H	S210 A/C	
sponsor			WSAVA Global Volterinary Community	ABVP ORMANIAN ASSARLAN	Congress	
8:00 - 9:15 AM	Abdominal Radiography vs. Ultrasound: Which Modality is Best Nate Nelson	Urgent Gastrointestinal Cases: Is Surgery Indicated? If So, How? Sarah Marvel, Daniel Smeak	Anaesthesia in Dental Patients Emily McCobb, Brook Niemiec, Kymberley Stewart	Update on Diagnosis of Canine Hyperadrenocorticism J. Catharine Scott-Moncrieff	The Stress-free Feline Neurological Examination and Spinal Cord Disease in Cats Paul Freeman	
9:15 - 9:55 AM			BREAK			
9:55 - 10:45 AM	Pulmonary Patterns: Using Thoracic Radiography to Make Clinical Decisions Nate Nelson	Laryngeal Paralysis: Diagnosis and Step by Step Surgery Sarah Marvel	Current Concepts in Periodontal Disease Brook Niemiec, Kymberley Stewart	Treatment of Canine Hyperadrenocorticism: Every Case Is Unique J. Catharine Scott-Moncrieff	Head Trauma: A Neurologist's Perspective Edward Ives	
10:55 - 11:45 AM	Abdominal Radiography: How to Know When to Cut Nate Nelson	Brachycephalic Airway Syndrome: Case Management Tips Sara Boyd	Suffering in Silence: The Welfare Implications of Dental Disease Emily McCobb, Kymberley Stewart	Feline Diabetes: Essential Facts for Exceptional Case Management J. Catharine Scott-Moncrieff	Top Ten Tips for Seizure Management Paul Freeman	
11:45 AM - 1:45 PM			LUNCH			
1:45 - 2:35 PM	The Clinical Approach to Feline Enteropathy Katie Tolbert	Liver Biopsy and Lobectomy Daniel Smeak	Oral Pathology Brook Niemiec, Kymberley Stewart	Update on Feline Hyperthyroidism: When Is Nutritional Management Appropriate  J. Catharine Scott-Moncrieff	Wobbly or Weak? A Clinical Approach to Tetraparesis Edward Ives	
2:45 - 3:35 PM	GI Dysmotility and Prokinetic Therapy Katie Tolbert	Intestinal Surgery: Minimizing Risk of the Dreaded Intestinal Dehiscence Sarah Marvel	Periodontal Therapy Brook Niemiec	Unusual and Underdiagnosed Feline Endocrinopathies  J. Catharine Scott-Moncrieff	Current Thoughts on the Management of Canine Disc Disease Paul Freeman	
3:35 - 3:55 PM			BREAK			
3:55 - 4:15 PM	Controlling Vomiting and Nausea: Using Anti-emetics Effectively Katie Tolbert	Omental Patch: Stop Bleeding in Friable Tissue Daniel Smeak	Dental Extractions  Brook Niemiec, Kymberley Stewart	Atypical Addison's Disease J. Catharine Scott-Moncrieff	Tetanus Management in Practice Edward Ives	
4:25 - 4:45 PM	Clinical Applications for Video Capsule Endoscopy Katie Tolbert	Bilateral Anal Gland Sacculectomy Sara Boyd		Update on Treatment of Canine Hypothyroidism J. Catharine Scott-Moncrieff	Involuntary Eye Movements in Dogs and Cats: Not Just Nystagmus! Edward Ives	

## SOUTH NORTH



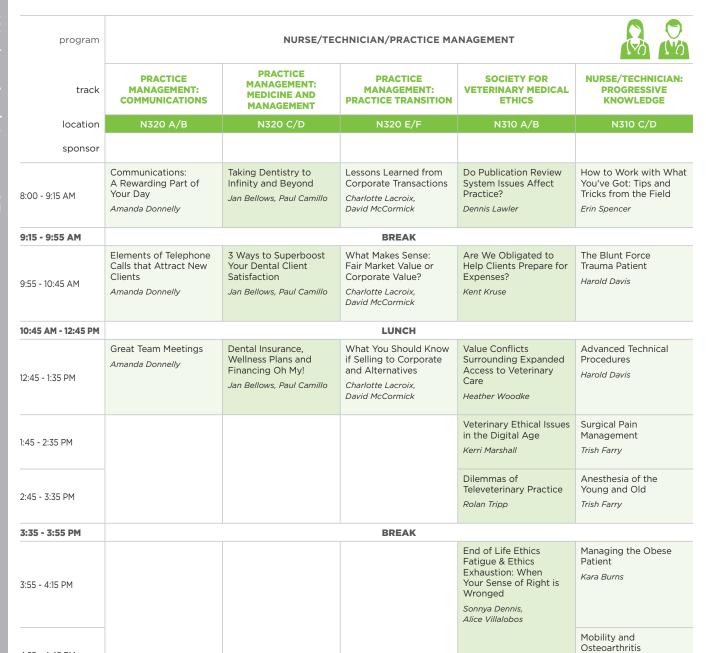




program		SMALL ANIMAL		LARGE	ANIMAL T
track		SHELTER MEDICINE	VETERINARY EMERGENCY AND CRITICAL CARE SOCIETY	AMERICAN ASSOCIATION OF SMALL RUMINANT PRACTITIONERS	EQUINE REPRODUCTION
location		S320 E-H	S330 A-D	N210 A	N210 E
sponsor		MERCK Animal Health			
8:00 - 9:15 AM		Efficient Spay Neuter Surgery Philip Bushby	Respiratory Distress: Making the Most of Your Physical Exam Amy Butler	Camelid Reproduction Problems and Solutions Stephen Purdy	Managing the Problem Stallion: Video Case Discussion of Common Breeding Shed Failures Aime Johnson, Charley Love
9:15 - 9:55 AM			BREAK		
9:55 - 10:45 AM		The Optimal Time for Spay/Neuter: An Analysis of Critical Spay/Neuter Literature (Part 1) Philip Bushby	Practical Transfusion Medicine Amy Butler	Reproductive Management Technologies & Abnormal Conditions in Sheep and Goats: 1 Seyedmehdi Mobini	Equine Placentitis: Diagnosis and Treatment Options Aime Johnson
10:55 - 11:45 AM		The Optimal Time for Spay/Neuter: An Analysis of Critical Spay/Neuter Literature (Part 2) Philip Bushby	Updates on Feline Urethral Obstruction Amy Butler	Reproductive Management Technologies & Abnormal Conditions in Sheep and Goats: 2 Seyedmehdi Mobini	Foaling Disasters: When Not to Panic Aime Johnson
11:45 AM - 1:45 PM		'	LUNCH		,
1:45 - 2:35 PM	Review of Thoracic and Abdominal Images: Interpretations  Eric Herrgesell, Bill Hornof	Unusual Spay Neuter Surgery <i>Philip Bushby</i>	Head Trauma  Amy Butler	Appropriate Drug Use in Small Ruminants Meredyth Jones	Breeding Soundness Examination in Stallions: Case Based Discussion Charley Love
2:45 - 3:35 PM	Case Discussions on Abdominal and Thoracic Radiology: Part 1 Eric Herrgesell, Bill Hornof	Suspicious Death? How to Document Findings and Collect Samples for Potential Legal Cases; A Pathologist's Perspective Chrissy Eckstrand	Fluid Therapy Trivia and Truths Elke Rudloff	Urolithiasis: What Do We Know About Prevention? Meredyth Jones	Breeding Soundness Examination in Stallions: In-Depth Semen Analysis Charley Love
3:35 - 3:55 PM			BREAK		
3:55 - 4:15 PM	Case Discussions on Abdominal and Thoracic Radiology: Part 2 Eric Herrgesell, Bill Hornof	Diagnostic Testing of Diseases that Commonly Affect Shelter Animals Chrissy Eckstrand	Treating the Disgruntled Client  Elke Rudloff	FAMACHA for Prediction of Clinical Anemia: Cover, Push, Pull, Pop Seyedmehdi Mobini	Interpretation of Endometrial Diagnostics: What Do They Mean? Aime Johnson
4:25 - 4:45 PM			Treating Fungal Pulmonary Blastomycosis Elke Rudloff	Blood Transfusion: Practical Procedures Meredyth Jones	One Last Chance for a Foal: Options Owners Have for Preserving Genetics Post Mortem Charley Love

program	LARGE ANIMAL	EXOTICS		
track	PERFORMANCE HORSE MEDICINE	ANESTHESIA/ANALGESIA OF SPECIAL SPECIES	ONE HEALTH SYMPOSIUM	PRACTICAL BACKYARD POULTRY MEDICINE FOR THE PRACTITIONER
location	N210 D	N220 C/D	N220 E/F	N220 A/B
sponsor				
8:00 - 9:15 AM	Performance Horse Emergencies: Case Based Discussions Rose Baker, Elizabeth Yorke	Avian Analgesia: Controversies and Clinical Applications Heather Barron, Margaret Fordham	Elephant Tuberculosis: A Threat to Human and Elephant Health Kay Backues	Poultry CSI: The Power and Potential of the Post-mortem Examination Yuko Sato, Patricia Wakenell
9:15 - 9:55 AM	BREAK			
9:55 - 10:45 AM	Poor Performance in the Horse: It's Not Always Due to Lameness Rose Baker	Chelonian Anesthesia and Analgesia Shannon Ferrell	Bringing Them Back from the Brink! Veterinary Care of Canadian Endangered Species for Release Doug Whiteside	Marek's and Coccidia: Tea for Two Patricia Wakenell
10:55 - 11:45 AM	Neurological Evaluation of the Performance Horse: Making a Diagnosis Rose Baker	Field Anesthesia of Wildlife Sonia Hernandez	A Fungus Among Us! Emerging Fungal Diseases that Threaten Wildlife Populations Jonathan Sleeman	Poultry Housing Tips: Identifying Your F-L-A-W-S Yuko Sato
11:45 AM - 1:45 PM	LUNCH			
1:45 - 2:35 PM	Advanced Diagnostics in the Lameness Exam When Radiographs Aren't Enough Elizabeth Yorke	Rabbit Anesthesia and Analgesia <i>Karen Rosenthal</i>	Proposed Plan for the Reintroduction of the Amur Leopard in the Russian Far East Julie Napier	Monster Microbes: Those Pesky Bacteria Patricia Wakenell
2:45 - 3:35 PM	Emergency Fracture Stabilization Elizabeth Yorke	Fish Anesthesia and Analgesia Shane Boylan	Emerging Infectious Diseases in Wildlife: A One Health Approach Jonathan Sleeman	Poultry in Motion: A Guide to Fair Testing and CVI's Yuko Sato
3:35 - 3:55 PM	BREAK			
3:55 - 4:15 PM	Trans-tracheal Wash: How to Perform in the Field Rose Baker	Cool Zoo Anesthesia Case Kay Backues	Wildlife Infectious Disease Manual of the American Association of Zoo Veterinarians. Julie Napier	Best Poultry Resources for the Busy Exotic Pet Vet Yuko Sato
4:25 - 4:45 PM	Ultrasound Guided Intralesional Tendon Injections: Why and How Elizabeth Yorke	Epidurals and Field Sedation in Large Tortoises Sam Rivera	It's Not All Black and White: Conserving Penguins at the Calgary Zoo Doug Whiteside	BYP Vaccines: What to Recommend Patricia Wakenell





Kara Burns



4:25 - 4:45 PM