

PRE-SYMPOSIUM PROGRAM LIMITED ENROLLMENT SESSIONS

VET LIMITED ENROLLMENT OR LAB
TECH LIMITED ENROLLMENT OR LAB
VET & TECH LIMITED ENROLLMENT OR LAB
VET/TECH/MANAGER LIMITED ENROLLMENT

	TECHNICIAN MULTIDISCIPLINARY REVIEW WILDFLOWER C	VETERINARIAN MULTIDISCIPLINARY REVIEW WILDFLOWER A	LIMITED ENROLLMENT GRAND SONORAN B
8:00 am - noon	SPONSORED BY Bayer 011T 8-9am Toxicology -J Davis 9-10am Musculoskeletal -Biddinger 10-11am Clinical Pathology -Schumacher 11am -12pm Triage/Emerg -Rogers	SPONSORED BY Bayer 012 8-9am Cardiac Output Measurement -A Brown 9-10am PA Catheterization -A Brown 10-11am Acid-Base Analysis -Kovac 11am -12pm Arachidonic Acid Cascade -Mathews	013 Ultrasound for the ER Vet -Saunders

	TECHNICIAN MULTIDISCIPLINARY REVIEW WILDFLOWER C	VETERINARIAN MULTIDISCIPLINARY REVIEW WILDFLOWER A	LAB OFF-SITE
1:30 - 5:30 pm	SPONSORED BY Bayer 041T 1:30-2:30pm Misc Emerg/CC -Steele 2:30-3:30pm Electrolyte Abnormalities -Randels 3:30-4:30pm Gastrointestinal -Breton 4:30-5:30pm Hemolymphatic/Immuno -Baldwin	SPONSORED BY Bayer 042 1:30-2:30pm Vasopressin -Silverstein 2:30-3:30pm Synthetic Colloids -Hopper 3:30-4:30pm Nitric Oxide -Grubb 4:30-5:30pm Renal Blood Flow -Seshadri	043 Ultrasound Wet Lab -Saunders, Boysen, Fulton, Mai, Wright

	TECHNICIAN LIMITED ENROLLMENT GRAND SONORAN C	LIMITED ENROLLMENT GRAND SONORAN B
1:30 - 5:30 pm	045T Then and Now Veterinary Technology HAS MOVED TO FRIDAY COURSE #647 SPONSORED BY Abbott	046 Fluid Therapy Workshop -Biddinger, J Davis, Rogers, Schumacher SPONSORED BY Pfizer Animal Health Analgesia Workshop -Hansen, Mathews, Raffé Ethical Issues in Critical Care: Open Discussion & Panel -Devey, Zaslow, et al HAS MOVED TO SUNDAY COURSE #816

GRAND SONORAN E
 5:30 pm - 8:30 pm
VECCS & VECCF JOB FAIR

ISLE OF CAPRI TERRACE
 7:00 pm - 9:00 pm
INTERNATIONAL ATTENDEES RECEPTION
Sponsored by



ATTENTION:
 All Open Sessions begin Thursday, September 18

WEDNESDAY, SEPTEMBER 17





	ABSTRACTS RESIDENT GRAND SONORAN D	ACVA ABSTRACTS GRAND SONORAN B	ACVA ABSTRACTS GRAND SONORAN A	CARDIAC ADVANCED CLINICIAN GRAND SONORAN E
8:00 am - 9:00 am	111 Small Animal Abstracts by Residents – See page 34 schedule	112 ACVA Abstracts: Session A – See page 36 for schedule	113 ACVA Abstracts: Session B – See page 36 for schedule	114 Cardiac Imaging in the ICU – Kramer SPONSORED BY <i>Boehringer Ingelheim</i>
9:15 am - 10:15 am	SPONSORED BY <i>Boehringer Ingelheim</i>	SPONSORED BY <i>Smith Medical/SurgiVet</i>	SPONSORED BY <i>Smith Medical/SurgiVet</i>	124 New Cardiac Drugs – Kramer SPONSORED BY <i>Boehringer Ingelheim</i>
11:00 am - noon				134 Coughing Dog with a Heart Murmur: Using Your Xrays – TBD SPONSORED BY <i>Boehringer Ingelheim</i>



	CASE REPORTS GRAND SONORAN D	ACVA ABSTRACTS GRAND SONORAN B	ACVA ABSTRACTS GRAND SONORAN A	GASTROINTESTINAL GENERAL GRAND SONORAN E 
1:30 pm - 2:30 pm	141 Case Reports – See page 37 for schedule	142 ACVA Abstracts: Session A – See page 36 for schedule	143 ACVA Abstracts: Session B – See page 36 for schedule	144 GI Therapeutics: Which One and When? – Marks SPONSORED BY <i>Pfizer Animal Health</i>
3:00 pm - 4:00 pm	SPONSORED BY <i>Boehringer Ingelheim</i>	SPONSORED BY <i>Smith Medical/SurgiVet</i>	SPONSORED BY <i>Smith Medical/SurgiVet</i>	154 Acute Vomiting and Diagnostic Imaging: To Cut or Not – Mai SPONSORED BY <i>Pfizer Animal Health</i>
4:15 pm - 5:15 pm				164 Abdominal Imaging: Is this Septic? – Mai SPONSORED BY <i>Pfizer Animal Health</i>

COAGULATION GENERAL	DIAGNOSTIC IMAGING GENERAL	SMALL MAMMALS	PRACTICE MANAGEMENT 	LARGE ANIMAL ABSTRACTS
GRAND SONORAN F	GRAND SONORAN G	WILDFLOWER B	WILDFLOWER A	GRAND SONORAN I
115 The Bleeding Patient: Diagnosis and Assessment -Brainard SPONSORED BY <i>IDEXX</i>	116 Why CT is Better than Radiology: A Case Series -TBD	117 Lab Sampling in Exotics: What Test Should I Run, and What Does it Mean? -Antinoff	118 Delivering Bad News -Durrance SPONSORED BY <i>Hill's</i>	119 Large Animal Abstracts – See page 35 for schedule
125 Practical Anticoagulation -Brainard SPONSORED BY <i>IDEXX</i>	126 Imaging the Dyspneic Cat -TBD	127 Rabbit and Ferret GI Emergencies -Antinoff	128 Facilitating Euthanasia Decision Making -Durrance SPONSORED BY <i>Hill's</i>	SPONSORED BY <i>Mila International</i>
135 Arterial Thromboembolism in Cats -Kramer SPONSORED BY <i>IDEXX</i>	136 Digital Imaging Purchasing Decisions -Wright SPONSORED BY <i>IDEXX</i>	137 Respiratory Diseases of Ferrets, Rabbits and Rodents -Antinoff	138 Responding to Grieving Clients -Durrance SPONSORED BY <i>Hill's</i>	


CARDIOVASCULAR ADVANCED	INTERVENTIONAL RADIOLOGY	AVIAN	PRACTICE MANAGEMENT 	LARGE ANIMAL
GRAND SONORAN F	GRAND SONORAN G	WILDFLOWER B	WILDFLOWER A	GRAND SONORAN I
145 Vascular Permeability in Critical Illness -Silverstein SPONSORED BY <i>Boehringer Ingelheim</i>	146 IR for the ER -Beal	147 Avian Renal Disease -Echols	148 Resiliency: The Key to Emotional Health and Well- Being -Durrance SPONSORED BY <i>Hill's</i>	149 Emergent Upper Airway Obstructive Disease -Holcombe
155 Imaging the Microcirculation -Silverstein SPONSORED BY <i>Boehringer Ingelheim</i>	156 Cases from the IR Suite: Broad Reach of IR -Beal	157 Avian Analgesia and Anesthesia -Echols	158 The Way Out is Through Conversations at Work -McVey SPONSORED BY <i>Hill's</i>	159 Differential Diagnosis of Lower Airway Emergencies -Wilkins
165 The Role of CVP in Cardiovascular Monitoring -Aumann SPONSORED BY <i>Boehringer Ingelheim</i>		167 Selected Intracoelomic Procedures -Echols	168 Managing Conflicts -McVey SPONSORED BY <i>Hill's</i>	169 Acute Neurologic Disease of the Adult Horse -Aleman


THURSDAY - SEPTEMBER 18

TECHNICIAN 		TECHNICIAN LIMITED ENROLLMENT	TECHNICIAN LIMITED ENROLLMENT	LIMITED ENROLLMENT JACK MARA TEAM TEACHING 
GRAND SAGUARO EAST		DESERT SUITE VII	DESERT SUITE III	DESERT SUITE VIII
8:00 am - 9:00 am	IMHA: What's New? -Rogers SPONSORED BY <i>Hill's</i>	Reproductive Emergencies Workshop -Call, Harbin, Kerr, Schumacher	CPR Workshop -Campbell, J Davis, Erickson, Keefe	Preparing for an Emergency: First Response -Rudloff, Boyle, Drobatz, S Powell, Rivera, Rozanski, Smarick, Wilson SPONSORED BY <i>Hill's</i>
9:15 am - 10:15 am	The Vomiting Stops Here -Shaffran SPONSORED BY <i>Hill's</i>			
11:00 am - noon	Heartworm-Associated Respiratory Disease in Cats: Who Knew? -Oakley SPONSORED BY <i>Hill's</i>			

TECHNICIAN 		TECHNICIAN CASE REPORTS & POSTERS 	TECHNICIAN LIMITED ENROLLMENT	LIMITED ENROLLMENT
GRAND SAGUARO EAST		GRAND SONORAN K	DESERT SUITE III	DESERT SUITE VIII
1:30 pm - 2:30 pm	Thoracic Radiology Review: Seeing the Hidden "Stuff" -Breton SPONSORED BY <i>Hill's</i>	Technician Case Reports and Poster Presentations - Titles & Speakers TBA SPONSORED BY <i>Pfizer Animal Health</i>	Blood Gas Bootcamp -Gottlieb, Erickson, Grady, Steele SPONSORED BY <i>Heska Corporation</i>	CNS Case Presentations -Dewey
3:00 pm - 4:00 pm	Abdominal Radiology Review: Seeing the Hidden "Stuff" -Breton SPONSORED BY <i>Hill's</i>			Case Studies: Endoscopy in the ER -Marks
4:15 pm - 5:15 pm	Working as a Nursing Team: Optimizing Patient Outcomes -Kerr SPONSORED BY <i>Hill's</i>			

VET LIMITED ENROLLMENT OR LAB
TECH LIMITED ENROLLMENT OR LAB
VET & TECH LIMITED ENROLLMENT OR LAB
VET/TECH/MANAGER LIMITED ENROLLMENT

LAB	LIMITED ENROLLMENT 	HYPERBARIC MEDICINE
OFF-SITE	DESERT SUITE IV	GRAND SONORAN K
515 GI Endoscopy Wet Lab -Taboada, Marks, Matz	516 Ventilator Dry Lab -Hopper, Burkitt, Haskins, Linklater, L Powell, Raffae SPONSORED BY <i>Pfizer Animal Health</i>	517 8:00 - 9:45 am Putting the Pressure on Disease: An Overview of Large Animal Hyperbaric Therapy -Geiser 9:45 am - 12 noon Hyperbaric Oxygen Therapy in the Emergent and Critical Small Animal Patient: Mechanisms of Action and Clinical Cases -Lyman

GRAND SONORAN D 

7:00 am - 7:50 am

RESIDENT'S FOCUS

"How to Improve Blood Pressure by Manipulating Pleural Pressure" -Shih

Minimally Invasive Interventional Procedures: Maximally Intensive Anesthesia Care and Monitoring? -Dhanjal

SPONSORED BY
Pfizer Animal Health 101

GRAND SONORAN B

7:00 am - 7:50 am

ACVA ROUNDTABLE

"Appropriate and Inappropriate use of CRI's"

-Read, Kaartinen, Pypendop, Valverde

SPONSORED BY
ReCathCo 102

LIMITED ENROLLMENT	LAB
DESERT SUITE IV	OFF-SITE
545 Tubes and Holes Dry Lab -Devey, A Brown, J Brown, Mierau, Sigrist	546 Ventilator Wet Lab -Hopper, Burkitt, Haskins, Linklater, L Powell, Raffae

BALLROOM LAWN

WELCOME RECEPTION

7:15 – 9:00 P.M.

Sponsored by

 **Abbott**
Animal Health

VECCS BOOKSTORE OPEN DAILY

9:00 AM TO 6:30 PM

GRAND SAGUARO SOUTH

5:45 pm - 7:00 pm

GENERAL SESSION

KNOWLES MEMORIAL LECTURE
Presented by Dr. Steve Haskins

& AWARDS CEREMONY

Zaslow distinguished Service Award, Hill's Dr. Jack Mara ACVECC Scientific Achievement Award, and all Special Awards presented at General Session

Sponsored by





EXHIBIT HALL OPEN



9:00 AM TO 5:40 PM

THURSDAY, SEPTEMBER 18

	ABSTRACTS GENERAL GRAND SONORAN D	STATE OF THE ART WILDFLOWER B	ANESTHESIA/ ANALGESIA ACVA GRAND SONORAN B	RESPIRATORY GENERAL GRAND SONORAN E
8:00 am - 9:00 am	211 Small Animal Abstracts – Titles & Speakers TBA	212 Cancer? New Ultrasound Technology for Evaluating Liver Nodules -TBD	213 Have you got the Nerve? Getting the most out of Small Animal Locoregional Anesthesia -Read	214 The Team Approach to Treating the Emergency Patient with Respiratory Distress: Medicine, Imaging & Surgery -Holt, Saunders, Drobatz
9:30 am - 10:30 am	SPONSORED BY <i>Boehringer Ingelheim</i>	222 Cardiopulmonary CT -Rush, Rozanski	223 Balanced Anesthesia in the Equine: Techniques that Work in Practice -Driessen	
11:00 am - noon		232 Clinical and Laboratory Assessment of Platelet Function -Jandrey	233 Advances in our Understanding of Pain -Yaksh	

	SHOCK ADVANCED CLINICIAN GRAND SONORAN G	SPECIALIST GRAND SONORAN D	ANESTHESIA/ ANALGESIA GRAND SONORAN B	GASTROINTESTINAL GENERAL GRAND SONORAN E
1:30 pm - 2:30 pm	241 Oxygen Delivery and Usage in Sepsis -Otto SPONSORED BY <i>VCA Hospitals</i>	242 Low Volume Ventilation in Dogs: Fact or Fiction -Rozanski SPONSORED BY <i>Nutramax</i>	243 No Pain, No Gain: Opportunities in Small Animal Locoregional Anesthesia -Read	244 The Team Approach to Treating the Emergency Patient with GI Emergencies: Medicine, Imaging & Surgery -Holt, Drobatz, Saunders
3:00 pm - 4:00 pm	251 Hypertonic Saline Revisited -Muir SPONSORED BY <i>VCA Hospitals</i>	252 Hypernatremia: It Doesn't Always Mean Dehydration -Haskins SPONSORED BY <i>Nutramax</i>	253 Perioperative Pain Management in the Horse: Can We Effectively Inhibit/ Prevent 'Wind-up' -Driessen	SPONSORED BY <i>Novartis/Ethicon</i>
4:15 pm - 5:15 pm	261 Resuscitation Endpoints: Macro Versus Micro Circulation -Muir SPONSORED BY <i>VCA Hospitals</i>	262 Oxidative Stress Update -McMichael SPONSORED BY <i>Nutramax</i>	263 Pre-Clinical Models of Pain -Yaksh	

EMERGENCY MEDICINE FUNDAMENTALS 	INTENSIVE CARE ADVANCED CLINICIAN	PRACTICE MANAGEMENT 	LARGE ANIMAL
GRAND SONORAN F	GRAND SONORAN G	WILDFLOWER A	GRAND SONORAN I
215 Effectively Using Your Ultrasound in the ER and ICU -Boysen SPONSORED BY Hill's	216 GI Distress in the ICU -Marks	217 Managing Complaints -McVey SPONSORED BY Hill's	218 Dysphagia -Holcombe
225 Rediscovering the Basics: Contrast Radiography for the Emergency Patient -TBD SPONSORED BY Hill's	226 Nutritional Support in Acute Pancreatitis: No Gut No Glory -Cooper	227 Money & Medicine: Getting Clients to Accept Your Fees -McVey SPONSORED BY Hill's	228 Imaging Techniques for Lower Airway Emergencies and Complications -Bain
235 ER Secrets: Tricks from the Trenches -Rozanski SPONSORED BY Hill's	236 Long Term Sedation for the Ventilator Patient -Brainard	237 Handling Extreme Cases: Suicidal and Homicidal Clients -Durrance SPONSORED BY Hill's	238 Imaging of the CNS in the Horse: Radiography, MRI and CT -Aleman


EMERGENCY MEDICINE FUNDAMENTALS 	INTENSIVE CARE ADVANCED CLINICIAN	PRACTICE MANAGEMENT 	LARGE ANIMAL
GRAND SONORAN F	WILDFLOWER B	WILDFLOWER A	GRAND SONORAN I
245 Stabilization of the Congestive Heart Failure Patient in the ER -Rush SPONSORED BY Hill's	246 MRSA and MDR Microbes: The OSU Experience -Bateman	247 Client Satisfaction Surveys: How Do Emergency Hospitals Compare -Osborne SPONSORED BY Hill's	248 Endotoxemia vs Sepsis: Inflammatory Signaling in Laminitis -Belknap
255 Cardiologist's View of Thoracic Radiographs -Rush SPONSORED BY Hill's	256 Infection Control Practices -Bateman	257 Benchmark Statistics, Survey Results and Analysis Part 1 of 2 -Osborne SPONSORED BY Hill's	258 Acute Neurologic, Neuromuscular and Muscle Diseases in Adult Horses -Aleman
265 Acute Respiratory Distress: Evaluation -Fragio SPONSORED BY Hill's	266 Use of Albumin in Dogs with Septic Peritonitis -L Powell	267 Benchmark Statistics, Survey Results and Analysis Part 2 of 2 -Osborne SPONSORED BY Hill's	268 Failure of the Lamellar Interface: Do we Know the Trigger Factors? -Belknap

WILDFLOWER C

HOSPITAL MANAGERS' BREAKFAST

6:45 – 7:45 AM

Sponsored by




HAPPY HOUR

5:15 – 6:30 PM


IN THE EXHIBIT HALL

Sponsored by



VPI PET INSURANCE


TUSCANY RISTORANTE




ACVECC DIPLOMATE DINNER


7:00 – 9:00 PM

Sponsored by



FRIDAY, SEPTEMBER 19

TECHNICIAN EQUINE		TECHNICIAN 	TECHNICIAN LIMITED ENROLLMENT	LIMITED ENROLLMENT ADVANCED CLINICIAN
GRAND SONORAN K		GRAND SAGUARO EAST	DESERT SUITE III	DESERT SUITE IV
8:00 am - 9:00 am	Assessing the Equine Thorax -Javscas SPONSORED BY <i>Eklin</i>	Driving the Endoscope -McKenna SPONSORED BY <i>Hill's</i>	Ventilator Workshop -Steele, Reuss-Lamky, Lazaro, Rivera	Interventional Radiology Dry Lab -Beal SPONSORED BY <i>Infiniti Medical</i>
9:30 am - 10:30 am	Assessing the Equine Abdomen -Javscas SPONSORED BY <i>Eklin</i>	Ultrasound: Essentials for Technicians -McKenna SPONSORED BY <i>Hill's</i>		
11:00 am - noon	Emergency Anesthesia: Colic and Septic Foal Focus -Klingler SPONSORED BY <i>Eklin</i>	Uniquely Feline: Monitoring & Management -Gottlieb SPONSORED BY <i>Hill's</i>		Microbiology and the ER Vet -Shaw

EQUINE LIMITED ENROLLMENT	TECHNICIAN AVECT 	TECHNICIAN LIMITED ENROLLMENT	LIMITED ENROLLMENT
OFF-SITE	GRAND SAGUARO EAST	DESERT SUITE III	DESERT SUITE VI
1:30 pm - 2:30 pm	Equine Imaging Wet Lab -Javscas, Bain, Harbin, Klingler, Rich 1:30-5:30 pm SPONSORED BY <i>Eklin</i>	Acute Lung Injury/ARDS -Breton SPONSORED BY <i>Hill's</i>	Ventilator Workshop (Continued) -Steele, Reuss-Lamky, Lazaro, Rivera
3:00 pm - 4:00 pm		Pericardial Effusion -A Campbell SPONSORED BY <i>Hill's</i>	
4:15 pm - 5:15 pm		Acute Abdominal Conditions -Grady SPONSORED BY <i>Hill's</i>	

 VET LIMITED ENROLLMENT OR LAB
 TECH LIMITED ENROLLMENT OR LAB
 VET & TECH LIMITED ENROLLMENT OR LAB
 VET/TECH/MANAGER LIMITED ENROLLMENT

EXOTICS LIMITED ENROLLMENT BASICS	LIMITED ENROLLMENT
<p>DESERT SUITE VII</p> <p>615</p> <p>Basic Avian Emergency Techniques Wet Lab -Antinoff, Mehler, Echols</p>	<p>OFF-SITE</p> <p>616</p> <p>Emergency Procedures -Devey, Erling, Mills, Sharp</p>

GRAND SONORAN D

7:00 am - 7:50 am

RESIDENT'S FOCUS

"Intraabdominal Hypertension: Should We Be Monitoring for This Critical Consequence?" -Loose

Anti-Endotoxin Strategies for the Treatment of Gram Negative Bacterial Sepsis -Sharp

SPONSORED BY
Pfizer Animal Health 201

GRAND SONORAN B

7:00 am - 7:50 am

ACVA ROUNDTABLE

"Equine Recovery from Anesthesia"

-Driessen, Donaldson, Picavet, Bettschart-Wolfensberger, Valverde

202

VECCS BOOKSTORE OPEN DAILY

9:00 AM TO 6:30 PM

EXHIBIT HALL OPEN

9:00 AM TO 6:30 PM

WILDFLOWER TERRACE

AVECCT PINNING CEREMONY & RECEPTION

7:00-9:00 PM

Sponsored by



Nestlé PURINA

EXOTICS LIMITED ENROLLMENT ADVANCED CLINICIAN	LIMITED ENROLLMENT	TECHNICIAN
<p>DESERT SUITE VII</p> <p>645</p> <p>Avian Surgical Techniques Wet Lab -Mehler, Antinoff, Echols</p> <p style="font-size: small;">SPONSORED BY <i>Ellman</i></p>	<p>OFF-SITE</p> <p>616</p> <p>Emergency Procedures (Continued) -Devey, Erling, Mills, Sharp</p>	<p>GRAND SONORAN K</p> <p>647T</p> <p>Then and Now Veterinary Technology: How far have we come and where are we going? -H Davis, Kerr, Oakley, Shaffran</p> <p style="font-size: small;">SPONSORED BY <i>Pfizer Animal Health</i></p>

ISLE DEL SOL TERRACE

RESIDENT/ INTERN/STUDENT RECEPTION

7:00-9:00 PM

Sponsored by




Nestlé PURINA

SUNSET LAWN

IVECCS 20TH ANNIVERSARY CELEBRATION

8:00-10:30 PM



Sponsored by




Bayer HealthCare
Animal Health

FRIDAY, SEPTEMBER 19



SATURDAY - SEPTEMBER 20

STATE OF THE ART 		NEUROLOGY GENERAL	CLINICAL MONITORING ADVANCED CLINICIAN	OPHTHALMOLOGY GENERAL
WILDFLOWER A		GRAND SONORAN E	GRAND SONORAN B	GRAND SONORAN D
8:00 am - 9:00 am	311 Neural Mechanisms of Anesthetic Induced Immobility -Barter SPONSORED BY <i>Abbott Animal Health</i>	312 Antiseizure Strategies in the ICU -Dewey	313 Thromboelastography: Academic Toy or Indispensable Tool? -Chan	314 I Know it's a Red Eye: Where's the Problem? -Giuliano SPONSORED BY <i>Dan Scott & Associates</i>
9:30 am - 10:30 am	321 New Approaches to CPR -Muir SPONSORED BY <i>Abbott Animal Health</i>	322 CNS Trauma: The First 48 Hours -Dewey	323 Hyperlactatemia: An Expanded View -Hopper	
11:00 am - noon	331 PK/PD Consideration for the use of New Analgesic Drugs -Grubb SPONSORED BY <i>Abbott Animal Health</i>	332 Imaging the CNS: Invaluable Tool in the ICU -Dewey	333 Monitoring the Cardiovascularly Compromised Patient -Waddell	334 Funduscopy: Helpful Tips on How to Get a Good Look -Giuliano SPONSORED BY <i>Dan Scott & Associates</i>
12:15 pm - 1:15 pm	Veterinary Disaster Triage: Making the Tough Decisions -Wingfield		SPONSORED BY <i>Bayer</i> 	GRAND SONORAN D

YEAR IN REVIEW	TRAUMA GENERAL 	SEPSIS ADVANCED CLINICIAN	TRANSFUSION GENERAL	
WILDFLOWER A	GRAND SONORAN E	GRAND SONORAN D	WILDFLOWER B	
1:30 pm - 2:30 pm	341 Journal Club -Burkitt SPONSORED BY <i>Abbott Animal Health</i>	342 Fluid Therapy in Uncontrolled Hemorrhage -Cooper	343 Septic Abdomen: Post-Operative Care -L Powell	344 Use of Plasma in the Critical Patient -Hopper SPONSORED BY <i>Animal Blood Bank</i>
2:45 pm - 3:45 pm	351 Hot Topics from the SCCM Meeting -Jandrey SPONSORED BY <i>Abbott Animal Health</i>	352 Fluid Therapy in the Trauma Patient -Waddell	353 Update on Gut-Derived Sepsis -Haldane	354 Anemia and Transfusion in Critical Illness -Sigrist SPONSORED BY <i>Animal Blood Bank</i>
4:00 pm - 5:00 pm	361 Hot Topics from the Shock Meeting -Otto SPONSORED BY <i>Abbott Animal Health</i>	362 Respiratory Complications of Trauma -Waddell	363 Blood Infection: Identification and Intervention -Shaw	364 Transfusion Therapy: Your Questions Answered -Haldane SPONSORED BY <i>Animal Blood Bank</i>

PHARMACOLOGY ADVANCED CLINICIAN	THEN AND NOW 20TH ANNIV EDITION 	FELINE GENERAL	LARGE ANIMAL
WILDFLOWER B	GRAND SONORAN F	GRAND SONORAN G	GRAND SONORAN I
315 Heparin Update -Bateman	316 History of Fluid Resuscitation in Shock -Muir SPONSORED BY <i>Pfizer Animal Health</i>	317 Feline Urethral Obstruction: A New Approach to an Old Problem -Cooper	318 Rapid Ultrasonographic Imaging of the Adult Equine Acute Abdomen -Bain
325 Antifibrinolytics: A New Role in Veterinary Medicine? -Cooper	326 Monitoring the Critical Patient -Milligan SPONSORED BY <i>Pfizer Animal Health</i>	327 Cats are Not Dogs: Not Even in the ER -Sigrist	328 Rapid Ultrasonographic Imaging of the Neonate Equine Acute Abdomen -Bain
335 Revisiting the Human Albumin Controversy -Chan	336 Heart Failure in Dogs and Cats -Rush SPONSORED BY <i>Pfizer Animal Health</i>	337 Longterm Analgesia in the Cat -Brainard	338 Significance of Heart Murmurs in Horses -Giguere

12:15 pm - 1:15 pm Veterinary Disaster Triage: Making the Tough Decisions -Wingfield SPONSORED BY 

RESPIRATORY ADVANCED CLINICIAN	THEN AND NOW 20TH ANNIV EDITION 	PEDIATRIC GENERAL 	LARGE ANIMAL
GRAND SONORAN B	GRAND SONORAN F	GRAND SONORAN G	GRAND SONORAN I
345 Respiratory Physiology -Adamantos	346 Gastric Dilation Volvulus -Kovacic SPONSORED BY <i>Pfizer Animal Health</i>	347 Anesthesia and Analgesia of the Young -Grubb SPONSORED BY <i>Pfizer Animal Health</i>	348 Diagnostic Approach to the Equine Patient with Cardiac Disease: A Case Series -Giguere
355 Fluid Therapy in Lung Disease -Adamantos	356 Nutrition and the Critically Ill -Freeman SPONSORED BY <i>Pfizer Animal Health</i>	357 Common Neonatal and Pediatric Emergencies -McMichael SPONSORED BY <i>Pfizer Animal Health</i>	358 Thoracic Trauma -Wilkins
365 Pulmonary Thromboembolism: Diagnostic Challenge -Chan	366 Anesthesia and Analgesia of the Critical Patient -Raffe SPONSORED BY <i>Pfizer Animal Health</i>	367 Baby Food: Feeding the Pediatric Patient -Freeman SPONSORED BY <i>Pfizer Animal Health</i>	368 Treating the Horse at Risk of Laminitis -Belknap




LECTURE COURSE LEVELS


The core lecture program topic modules will be designated by *General*, *Advanced* and *Specialist*. This is included so that registrants can better select the courses that more closely fit their level of interest, experience and training. There also is one lecture series designated *Fundamentals* which is targeted to practitioners just starting in emergency & critical care or those that would like some review of various topics.



SATURDAY, SEPTEMBER 20


SATURDAY - SEPTEMBER 20

TECHNICIAN 		TECHNICIAN AVTA 		TECHNICIAN LIMITED ENROLLMENT 		LIMITED ENROLLMENT		
GRAND SAGUARO EAST		GRAND SANORAN K		DESERT SUITE III		OFF-SITE		
8:00 am - 9:00 am	CPCR: Overview and Update -Wells SPONSORED BY Hill's	711T	The Fine Art of Arterial Lines -Reuss-Lamky SPONSORED BY Abbott Animal Health	712T	Advanced Catheterization Workshop -Lazaro, Campbell, Grady, McKenna SPONSORED BY Abbott Animal Health	713T	Urinary Catheterization Wet Lab -Smarick, Burkitt, Jandrey	714
9:30 am - 10:30 am	Recognition and Treatment of Shock -Wuestenberg SPONSORED BY Hill's	721T	Troubleshooting Emergency Anesthesia -Klingler SPONSORED BY Abbott Animal Health	722T				
11:00 am - noon	Emergencies: Get a Grip! -Keefe SPONSORED BY Hill's	731T	Managing the Thorocotomy Patient -Slowiak SPONSORED BY Abbott Animal Health	732T				

TECHNICIAN ADVANCED TECHNICAL SKILLS 		TECHNICIAN LIMITED ENROLLMENT AVTA		TECHNICIAN LIMITED ENROLLMENT		LIMITED ENROLLMENT		
GRAND SAGUARO EAST		DESERT SUITE III		DESERT SUITE VI		DESERT SUITE VIII		
1:30 pm - 2:30 pm	Central Lines, Female Urinary Catheterization, N/G Tube Placement -Keefe SPONSORED BY Hill's	741T	Regional Anesthesia/ Analgesia Workshop -Hudson, Klingler, Reuss-Lamky, Slowiak	742T	Veterinary Nurse Manager Workshop -Baldwin, Oakley, S Powell, Randels	743T	Emergencies and Imaging of the Urogenital Tract -Rieser, Bouma	744
2:45 pm - 3:45 pm	Thoracocentesis, Chest Tube Management, Arterial Sampling -Erickson							
4:00 pm - 5:00 pm	Intraosseous Catheters, Abdominocentesis, Gastric Lavage, Neonatal Resuscitation -Wuestenberg SPONSORED BY Hill's							

 VET LIMITED ENROLLMENT OR LAB
 TECH LIMITED ENROLLMENT OR LAB
 VET & TECH LIMITED ENROLLMENT OR LAB
 VET/TECH/MANAGER LIMITED ENROLLMENT

LIMITED ENROLLMENT	LIMITED ENROLLMENT	PRACTICE MANAGEMENT LIMITED ENROLLMENT
DESERT SUITE IV	DESERT SUITE VIII	DESERT SUITE VII
715 Advanced Surgical Procedures -Mann THIS LECTURE IS A PREREQUISITE FOR COURSE #745	716 Diagnostic Imaging of Exotics -Antinoff	717 Analyzing Your Invoices: Are You Covering Your Expenses? -Osborne SPONSORED BY <i>Veterinary Hospital Managers Association</i>
	736 ABC's and the Primary Survey -Rudloff SPECIAL STUDENT SESSION	

GRAND SONORAN D 

7:00 am - 7:45 am

RESIDENT'S FOCUS

"Heparin Therapy in Critical Care: Should We Be Using Low Molecular Weight Heparins?" -Alwood

Pulmonary Atelectasis During Anesthesia in the Animal Patient: Causes, Implications and Prevention -Staffieri

SPONSORED BY
Pfizer Animal Health 301

GRAND SAGUARO WEST

6:45 am - 7:45 am

Boehringer Ingelheim SPECIAL CARDIOLOGY BREAKFAST LECTURE

"Respiratory difficulty: Is it Heart Failure or something else?"
 -Hansen 302



LIMITED ENROLLMENT	LIMITED ENROLLMENT	PRACTICE MANAGEMENT LIMITED ENROLLMENT
OFF-SITE	DESERT SUITE IV	DESERT SUITE VII
745 Advanced Surgical Procedures Wet Lab -Mann, Holt, Mehler, Spreng COURSE #715 REQUIRED PRIOR TO ENROLLMENT FOR THIS COURSE AND INCLUDED IN LES #745 FEE	746 Diagnosis and Treatment of Arrhythmias in the ICU -Kramer	747 Focus on Your Human Resources: From Hire to Fire, and All Points in Between -Dobbs 1:30-5:30 pm SPONSORED BY <i>Care Credit</i>
	766 Ocular Surgery for the ER Clinician -Giuliano	

VECCS BOOKSTORE OPEN DAILY

9:00 AM TO 6:30 PM

EXHIBIT HALL OPEN


9:00 AM TO 1:30 PM

SATURDAY, SEPTEMBER 20

SUNDAY - SEPTEMBER 21

	SURGERY GENERAL	METABOLIC GENERAL	ENVIRONMENTAL EMERGENCIES GENERAL	NUTRITION ADVANCED CLINICIAN
	GRAND SONORAN E	GRAND SONORAN F	GRAND SONORAN D	WILDFLOWER A
8:00 am - 9:00 am	411 Surgery Basics: Tricks for Emergency Laparotomy -Spreng	412 Blood Gas Analysis: The Basics -Waddell SPONSORED BY <i>Heska Corporation</i>	413 Animal Envenomations -Haldane	414 Take Out Nutrition: What to Send the Sick Ones Home With -Freeman
9:15 am - 10:15 am	421 When Does Neurotrauma Require Surgery? Spreng	422 Perioperative Acid- Base and Electrolyte Disturbances: General -Waddell SPONSORED BY <i>Heska Corporation</i>	423 Environmental Injuries in Cats -Kerl	424 Controversies in Parenteral Nutrition -Chan
10:30 am - 11:30 am	431 Bite Wounds: Management and Reconstruction -Holt	432 Renal Emergencies: Diagnosis and Treatment -Rieser SPONSORED BY <i>Heska Corporation</i>	433 Heatstroke: Keeping Them Alive -Smarick	434 Critical Care Nutrition Challenges -Freeman

SUNDAY AM CONTINUED...

	TECHNICIAN	TECHNICIAN AVTA 	LIMITED ENROLLMENT	LIMITED ENROLLMENT
	GRAND SONORAN H	GRAND SONORAN K	DESERT SUITE VI	GRAND SONORAN A
8:00 am - 9:00 am	811T AVTA and AVECCT Information Session -Slowiak, Steele	812T Arrhythmias Under Anesthesia -Hudson SPONSORED BY <i>Hill's</i>	813 Imaging the Acute Abdomen -Bouma	814 Fluid Choices in the Critical Patient -Rieser SPONSORED BY <i>Heska Corporation</i>
9:15 am - 10:15 am		822T Induction Agents -Hudson SPONSORED BY <i>Hill's</i>		824 Emerging Techniques in Emergency Practice: Tricks and Tips -Adamantos SPONSORED BY <i>Heska Corporation</i>
10:30 am - 11:30 am	831T AVECCT Exam Info/ Study Guide Steele, Randels	832T The Young and the Old: Special Consideration for Anesthesia -Slowiak SPONSORED BY <i>Hill's</i>	833 Emergency Surgery for Orthopedic Cases -Spreng	834 Cases from the ER Frontline -Rozanski SPONSORED BY <i>Heska Corporation</i>

 VET LIMITED ENROLLMENT OR LAB
 TECH LIMITED ENROLLMENT OR LAB
 VET & TECH LIMITED ENROLLMENT OR LAB
 VET/TECH/MANAGER LIMITED ENROLLMENT

FELINE ADVANCED CLINICIAN	LARGE ANIMAL
GRAND SONORAN G	GRAND SONORAN I
415 Renal Failure in Cats: New Concepts -Kerl SPONSORED BY IDEXX	416 Treating the Acute Case of Laminitis -Belknap
425 Envenomation Syndrome in Cats -Reniker SPONSORED BY IDEXX	426 Laparoscopy and Thoracoscopy: Potential Application in Large Animal Emergency & Critical Care -Peroni
435 Electrolyte Imbalances in the Cat -Kerl SPONSORED BY IDEXX	436 Arthroscopy in Large Animal Emergency & Critical Care -Peroni

DISASTER RESPONSE LIMITED ENROLLMENT	SPECIAL SESSION
DESERT SUITE III	DESERT SUITE IV
815 Personal Protective Equipment -Upp, Wingfield Veterinary Decontamination Procedures -Upp, Wingfield Veterinary Disaster Triage Skills Training Wingfield, Upp SPONSORED BY Bayer	816 Ethical Issues in Critical Care: Open Discussion & Panel -Devey, Zaslow, et al

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SUNDAY, SEPTEMBER 21