

WEDNESDAY, SEPTEMBER 17

011T • 8:00 AM - 12:00 PM \$80

TECHNICIAN MULTIDISCIPLINARY REVIEW

Biddinger, Davis, Rogers, Schumacher

The Academy of Veterinary Emergency and Critical Care Technicians (AVECCT) has developed this review course with the intent to serve as a preparatory aid for the AVECCT exam and to challenge those technicians looking for an advanced, fast-paced exploration of emergency and critical care topics. An in-depth review of physiology, pathophysiology, and pharmacology of selected organ systems and diseases along with nursing care and management of critically ill patients will be provided. The morning session will cover: toxicology; the musculoskeletal system (including wound care); clinical pathology (including understanding blood work); and triage/emergency care (including stabilization, differential diagnoses, etc). (Unlimited Techs)

012 • 8:00 AM - 12:00 PM \$95

MULTIDISCIPLINARY REVIEW

A Brown, Kovacic, Mathews

This session is designed to provide an in-depth review of the underlying physiology and pathophysiology of selected organ systems and disease states relevant to the care and management of critically ill patients. It is ideal for the resident in training, mentors of residents in training and individuals with a strong interest in the science behind emergency and critical care medicine. The morning program will be composed of 4 presentations covering cardiac output monitoring, pulmonary artery catheter use, acid base analysis and the arachidonic acid cascade. (Unlimited Vets)

013 • 8:00 AM - 12:00 PM \$95

ULTRASOUND FOR THE ER VET

Saunders

This small group lecture format on abdominal ultrasound is designed for the emergency and critical care clinician or technician who has acquired a basic understanding of normal US anatomy and desires information on abnormalities frequently encountered in the ER/ICU setting and general practice. Brief reviews of normal abdominal organ anatomy and scanning techniques will be followed by more extensive coverage of a variety of abdominal abnormalities. Wet lab participants are encouraged to attend this session. (*Limit 50 Vets/Techs*)

041T • 1:30-5:30 PM \$80

TECHNICIAN MULTIDISCIPLINARY REVIEW

Baldwin, Breton, Randels, Steele

The Academy of Veterinary Emergency and Critical Care Technicians (AVECCT) has developed this review course with the intent to serve as a preparatory aid for the AVECCT exam and to challenge those technicians looking for an advanced, fast-paced exploration of emergency and critical care topics. An in-depth review of physiology, pathophysiology, and pharmacology of selected organ systems and diseases along with nursing care and management of critically ill patients will be provided. The afternoon session will cover: miscellaneous emergency and critical care topics (including ophthalmology, envenomation, hyper/hypothermia, exotics, etc); electrolyte abnormalities; the gastrointestinal system (including hepatic, acute abdomen, pancreatitis and peritonitis); and hemolymphatic/immunologic systems (including oncology). (Unlimited Techs)

042 • 8:00 AM - 12:00 PM \$90

MULTIDISCIPLINARY REVIEW

Grubb, Hopper, Seshadri, Silverstein

This session is designed to provide an in-depth review of the underlying physiology and pathophysiology of selected organ systems and disease states relevant to the care and management of critically ill patients. It is ideal for the resident in training, mentors of residents in training and individuals with a strong interest in the science behind emergency and critical care medicine. The afternoon program will be composed of 4 presentations covering vasopressin, nitric oxide, renal blood flow and an update on colloid use. (Unlimited Vets)

043 • 1:30-5:30 PM \$430

ULTRASOUND WET LAB

Saunders, Boysen, Fulton, Mai, Mathey, Wright

This lab is designed for clinicians wishing to gain hands-on training in normal canine abdominal ultrasonography. Groups of participants will rotate through a series of stations. Each station will have a clearly defined imaging goal and an instructor who will teach and assist the participants in obtaining diagnostic US images of that organ system. Attendees will be using a variety of commercially available ultrasound machines. *(Limit 24 Vets)*

045T • 1:30-5:30 PM \$90

FLUID THERAPY WORKSHOP

Biddinger, Davis, Rogers, Schumacher

This interactive workshop will reinforce concepts of total body water and movement of fluids between compartments. Monitoring fluid therapy will be discussed as well as how to arrive at a plan to address fluid deficits, maintenance, and ongoing losses. Isotonic, colloid, and hypertonic fluids will be outlined as well as shock fluids and fluid challenge. Case based discussions will follow. *(Limit 32 Techs)*

046 • 1:30-5:30 PM \$100

ANALGESIA WORKSHOP

Hansen, Mathews, Muir, Raffae

Participants will rotate through 4 stations (with a separate instructor for each) that present scenarios and/or hands-on technical experience that emphasizes the importance of teamwork to provide optimal analgesia to critically ill animals. Topics will include safe options for analgesia in painful animals that are also badly injured or critically ill; ordering, executing, and modifying injectable drug administration plans; creating, implanting, and assessing surgical wound catheters for administration of local anesthetics, and selecting, inserting, and assessing response to epidural catheter delivery of analgesics. *(Limit 24 Vets)*

THURSDAY, SEPTEMBER 18

512T • 8:00 AM - 12:00 PM \$90

REPRODUCTIVE EMERGENCIES WORKSHOP

Call, Harbin, Kerr, Schumacher

This is an interactive session focusing on management of reproductive emergencies of dogs, cats and exotic pets. Effective nursing care of these patients requires a wide range of skills, critical thinking and continued assessment. Attendees will gain knowledge in primary assessment and nursing care of patients presenting with emergencies like dystocia and pyometra. Important information regarding medical treatments or surgical intervention and their affects on pre-natal and neonatal patients will also be presented. *(Limit 32 Techs)*

513T • 8:00 AM - 12:00 PM \$95

CPR WORKSHOP

Campbell, Davis, Erickson, Keefe

This is sure to be a fun workshop! This interactive, hands-on workshop will cover basic and advanced CPR techniques. Participants will learn the latest recommendations as well as drug therapies. Participants will practice skills using mannequins, ECG and defibrillation units. Focus discussion topics include pharmacology and CPR, basic and advanced life support, the at-risk patient and what to expect after CPR. Mock drills will enable participants to perform CPR techniques in a fun and cooperative team environment. Participant will leave with the knowledge of different aspects of CPR and the confidence to execute. *(Limit 32 Techs)*

514 • 8:00 AM - 12:00 PM \$130

JACK MARA TEAM TEACHING: PREPARING FOR AN EMERGENCY FIRST RESPONSE

Rudloff, Boyle, Drobotz, S Powell, Rivera, Rozanski, Smarick, Wilson

This course highlights the team approach for treating emergent and critically ill animals. Preparing for emergencies involves setting up and stocking a receiving area, the principles of triage and primary survey, and reaction of the responding team. After an introductory lecture, attendees will break out into small groups. Emergency and Critical Care Veterinary Specialists and Veterinary Technician Specialists will lead each group through a series of cases highlighting the team approach to saving a life. *(Limit 24 Vets/Techs)*

515 • 8:00 AM - 12:00 PM \$390

GI ENDOSCOPY WET LAB

Taboada, Marks, Matz

This interactive Gastrointestinal Endoscopy Wet Lab will focus on introductory esophagoscopy, gastroscopy, and duodenoscopy. Participants will have the opportunity to use multiple different endoscopes in a variety of dogs. The experience will be facilitated by hands on one-on-one instruction with three different small animal internists experienced in teaching small animal endoscopy to practitioners and residents. A systematic approach to the evaluation of the esophagus, stomach, and upper small intestine will be stressed. Experience will be gained in basic endoscopic techniques as well as the management of the endoscope and associated instruments. *(Limit 18 Vets)*

516 • 8:00 AM - 12:00 PM \$125

VENTILATOR DRY LAB

Hopper, Haskins, Haskins, Linklater, L Powell, Raffe

This session will begin with a lecture and then break into small group interactive sessions led by ACVECC Diplomats using simple anesthesia-type ventilators for demonstration purposes. Participants can choose between introductory level discussions focused on the basics of short term ventilation or intermediate level discussions designed for those with previous experience in mechanical ventilation or attendance at previous IVECCS ventilation laboratories. Group discussions will address issues ranging from choosing ventilator modes and settings, troubleshooting the difficult ventilator patient and monitoring and nursing care issues. The relaxed, friendly approach guarantees participants will have ample opportunity to ask questions and discuss specific issues of their choice. We will also dedicate one group discussion to residents in training or qualified ACVECC diplomats and will address advanced ventilator theory including classification of ventilator breaths, the theory and clinical application of ventilator modes, interpretation of ventilator waveforms and mechanisms of ventilator induced lung injury. An essential learning opportunity for any ACVECC resident. *(Limit 32 Vets/Techs; 8 Residents)*

543T • 1:30-5:15 PM \$90

BLOOD GAS BOOTCAMP

Gottlieb, Erickson, Grady, Steele

This interactive workshop will leave you with a firm understanding of the complicated process of blood gas analysis. Sampling, applications, analyzing and correcting abnormalities will be addressed. Starting with the basics and advancing to the compensation of body systems - it will all be covered. This lab will leave you embracing the process rather than avoiding it. *(Limit 32 Techs)*

544 • 1:30-2:30 PM..... \$40

CNS CASE PRESENTATIONS

Dewey

This limited enrollment session involves interactive case discussions spanning a variety of disorders of the brain and spinal cord. Focus areas will include lesion localization, interpretation of diagnostic tests, and devising therapeutic plans for a variety of commonly encountered disorders of the central nervous system in dogs and cats. Topics will include, among others, inflammatory brain diseases, congenital brain disorders, and controversial treatment options for spinal cord damage. *(Limit 35 Vets/Techs)*

545 • 1:30-5:15 PM..... \$130

TUBES & HOLES DRY LAB

Devey, A Brown, J Brown, Mierau, Paixio

Learn about tubes - why and when they are used - and why different tubes work better for different situations. This lab will demonstrate different intravenous, arterial, epidural and urinary catheters, tracheostomy tubes, chest tubes, peritoneal dialysis, feeding tubes, and wound drains. A lecture and video session will be followed by a hands-on dry lab. *(Limit 36 Vets/Techs)*

546 • 1:30-5:15 PM..... \$350

VENTILATOR WET LAB

Hopper, Burkitt, Haskins, Linklater, L Powell, Raffe

This small group interactive laboratory will have anesthetized dogs on a variety of critical care ventilators for participants. The laboratory aims to review basic and advanced ventilation concepts including choice of ventilator mode, initial settings, selection of PEEP, permissive hypercapnia and low tidal volume ventilation. Trouble shooting the difficult ventilator patient will also be addressed. This laboratory provides a unique opportunity to use and evaluate a number of currently available critical care ventilators and to have all your questions on mechanical ventilation answered. *(Limit 24 Vets)*

554 • 3:00-5:15 PM..... \$70

CASE STUDIES: ENDOSCOPY IN THE ER

Marks

This session will be a case based discussion on the use of endoscopy in the ER. The focus will be on scope selection and procedures that can be performed. The attendees will be presented with cases requiring endoscopy. The clinical findings and diagnostic evaluation will be discussed and the use of endoscopic intervention will cover the gastrointestinal and the respiratory system. *(Limit 35 Vets/Techs)*



FRIDAY, SEPTEMBER 19

613T • 8:00 AM - 5:15 PM \$180

VENTILATOR WORKSHOP

Scalf, Reuss-Lamky, Rivera, Steele

This lab will be a full day hands-on presentation on the subject of mechanical ventilation. There will be a comparison and contrast between anesthetic ventilators and critical care ventilators. A case based discussion and exercise will be utilized to illustrate how to place a patient on a ventilator and stabilize them, ongoing monitoring and nursing care needs for such patients, arterial blood gas analysis to assess progress and direct adjustments to the mechanical ventilator, and methods of weaning patients back off of a ventilator. *(Limit 32 Techs)*

614 • 8:00-10:30 AM \$70

INTERVENTIONAL RADIOLOGY DRY LAB

Beal

Interventional radiology (IR) involves the use of contemporary imaging modalities such as fluoroscopy, endoscopy, ultrasound, CT, and MRI (or combinations thereof) to gain access to different structures in order to deliver materials for therapeutic purposes. Applications of IR in veterinary medicine are just being realized. Tracheal stent placement for tracheal collapse and urethral stent placement for malignant urethral obstruction are two well-established veterinary IR techniques. Models, simulations, and multimedia will be utilized to learn proper technique for the safe delivery of tracheal stents and urethral stents in dogs and cats. Additional “emergency and critical care” applications of IR will also be both demonstrated and discussed. *(Limit 24 Vets)*

615 • 8:00 AM - 12:00 PM \$225

BASIC AVIAN EMERGENCY TECHNIQUES WETLAB

Antinoff, Mehler, Echols

This session is designed to teach the techniques essential for treating critical avian patients. Using live birds, participants will practice restraint, venipuncture, intravenous and intraosseous catheter placement, fluid administration, gavage feeding, blood pressure monitoring, intubation, and air sac tube placement. Participants will also learn proper application of several types of bandage (tape splint, figure of 8, and body bandages). This lab can be taken alone or can be a precursor to the afternoon avian surgery session. *(Limit 24 Vets)*

616 • 8:00 AM – 5:15 PM \$495

EMERGENCY PROCEDURES

Devey, Erling, Paixio, Sharp

This cadaver lab that will provide hands-on opportunities to learn over 30 emergency and critical care procedures including placement of central catheters, epidural catheters, and nasal, tracheostomy, thoracostomy and enteral feeding tubes. Surgical procedures including open chest CPR, gastropexy, splenectomy and techniques for control of severe internal hemorrhage also will be demonstrated. A 1 hour lecture and video will be followed by an all day wet lab. *(Limit 24 Vets)*

634 • 11:00 AM - 12:00 PM \$40

MICROBIOLOGY AND THE ER VET

Shaw

This course is designed to provide the attendee with a better understanding of veterinary microbiology, with a specific focus on commonly encountered challenges such as treating multi-drug resistant organisms and false-negative culture results. A portion of the session will be dedicated to understanding the antimicrobial culture and sensitivity reports and how best to use them in clinical practice. Attendees are encouraged to submit challenging cases for discussion during the session. *(Limit 35 Vets/Techs)*

641 • 1:30-5:30 PM..... \$145

EQUINE IMAGING LAB

Javicas, Bain, Harbin, Klingler, Rich

Join us for this unique hands-on lab designed to optimize high-quality, diagnostic imaging of the equine patient, including digital radiography, ultrasound and magnetic resonance imaging. The lab will be held at a nearby working referral equine hospital and utilize live horses. Image interpretation and potential applications of different imaging modalities will be covered as well as patient positioning, technique, equipment, and common pitfalls. *(Limit 24 Vets/Techs)*

644 • 1:30-3:45 PM..... \$70

ADVANCED WAVEFORM ANALYSIS DRYLAB

Burkitt, Barter, Cooper, Jandrey

Participants will learn to interpret central venous and peripheral arterial pressure waveforms, waveforms generated during placement and use of a pulmonary artery catheter, and capnograms. Indication for each of the techniques will be discussed briefly. This dry lab is recommended for residents in Emergency, Critical Care, and Anesthesia training programs, and for clinicians interested in improving their understanding and interpretation of these advanced monitoring techniques. *(Limit 32 Vets)*

645 • 1:30-5:15 PM..... \$225

AVIAN SURGICAL TECHNIQUES WET LAB

Mehler, Antinoff, Echols

Focus on avian emergency surgery, principles and techniques. Live pigeons will be used and procedures will include: lateral celiotomy and salpinghysterectomy; ventral midline celiotomy and circumcostal and incisional cloacopexy; ingluviotomy and foreign body removal; distal cervical tracheotomy; and if time permits, bandaging techniques (figure of 8, lateral splint, and spica splint). Surgical loupes, microvascular instruments, ligaclips, and Ellman radiocautery units will be used in the lab. *(Limit 24 Vets)*

664 • 4:15 - 5:15 PM \$40

BASIC ECHOCARDIOGRAPHY FOR THE ER VET

Rush
Looking to refine your echo interpretation skills? Review the basic echo views? Join us for this session presenting key echocardiographic skills for use in the emergency room or ICU. Find out how echocardiography can help you identify pleural and pericardial effusion requiring centesis, left atrial size that might be associated with cardiogenic pulmonary edema, reduced left ventricular contractile function that might benefit from inotropes, and other clinical pearls." (Limit 35 Vets)



SATURDAY, SEPTEMBER 20

713T • 8:00 AM - 12:00 PM \$95

ADVANCED CATHETERIZATION WORKSHOP

Lazaro, Campbell, Grady, McKenna
This course will focus on alternatives to short peripheral catheters; concentrating on the Seldinger technique but also covering thru the needle technique as well as arterial catheters; emergency infusions catheters, PICC lines; split lumen introducers and double lumen short catheters. Applications for all, as well as securing and bandaging and long term management of these lines, will be covered. (Limit 32 Techs)

714 • 8:00 AM - 12:00 PM \$250

URINARY CATHETERIZATION WET LAB

Smarick, Burkitt, Jandrey
In a few short hours you can be proficient in placing urinary catheters, even in female dogs!! After discussing the types of urinary catheters and how to prevent urinary tract infections, a proven digital placement technique will be reviewed. Participants will then practice placing urinary catheters into anesthetized dogs. (Limit 24 Vets/Techs)

715 • 8:00 AM - 12:00 PM \$95

ADVANCED SURGICAL PROCEDURES

Mann
THIS LECTURE IS A PREREQUISITE FOR COURSE #745
A scenario of "The Complicated Gastric Dilatation-Volvulus Case" will be used to teach advanced abdominal surgical procedures including partial gastrectomy and jejunostomy feeding tube placement in addition to gastropexy. The morning will consist of illustrated presentations and opportunities for discussion, questions, and answers regarding the techniques to be performed. (Limit 22 Vets)

716 • 8:00-10:30 AM \$70

DIAGNOSTIC IMAGING OF EXOTICS

Antinoff
This session will begin with an introduction to radiographic anatomy of commonly seen exotic species (birds, mammals, reptiles) to familiarize participants with normal. We will then discuss the uses of contrast media in these species. Ultrasound normals and abnormal will also be discussed in detail. Participants will be introduced to advanced diagnostic techniques including CT and MRI, but the emphasis will be on obtaining practical diagnostic images that are pertinent to emergency and ongoing care. Bring your own challenging images for discussion! (Limit 32 Vets/Techs)

717 • 8:00 AM - 12:00 PM \$90

ANALYZING YOUR INVOICES

Osborne

Find out how small changes in fees and seemingly minor changes in fee protocols can make an impact on your bottom line. Participants will be invited to complete a short emergency clinic fee survey prior to attending the session so you can find out (anonymously) how your fees compare to your colleagues across the nation... and across the room. All information will be presented as anonymous case examples and all information will be kept strictly confidential. *(Limit 40 Vets/Techs/Managers)*

736 • 11:00 AM - 12:00 PM \$10

ABC'S AND THE PRIMARY SURVEY

Rudloff

Never will your heart beat as fast as when you are faced with a patient suffering a catastrophic emergency. This course is for veterinary and technician students who want to become more comfortable with the concepts of triage and primary survey, and how to react to life-threatening illnesses and injuries during the "golden hour". *(Limit 35 Students)*

742T • 1:30-5:00 PM \$90

REGIONAL ANESTHESIA/ANALGESIA WORKSHOP

Hudson, Klingler, Reuss-Lamky, Slowiak

This workshop will review the different regional and local techniques utilized in the anesthesia and critical care environments. Indications, complications, drugs, supplies, landmarks and step by step instruction for each technique will be covered. Technicians attending this workshop will perform the following procedures on models; epidurals, brachial plexus blocks, intercostal blocks, ring blocks, and dental blocks (including maxillary and mandibular). *(Limit 32 Techs)*

743T • 1:30-5:00 PM \$90

VETERINARY NURSE MANAGER WORKSHOP

Baldwin, Oakley, S. Powell, Randels

Designed for veterinary technicians who are in or seeking management/supervisory positions. An interactive workshop where experienced veterinary nurse managers share their ideas and experiences with administrative issues including: recruitment and retention; staffing and scheduling; orientation and training, policies and procedures, conflict resolution and team building. An interactive networking opportunity, participants are encouraged to share ideas and bring their biggest management challenges for discussion. *(Limit 40 Techs/Managers)*

744 • 1:30-5:00 PM \$90

EMERGENCIES & IMAGING OF THE UROGENITAL TRACT

Rieser, Bouma

This will be a case based discussion of urogenital emergencies with a focus on using appropriate radiographic and ultrasonographic studies for diagnosis. We will discuss a variety of emergencies including uroabdomen and urethral obstruction as well as less common, but fascinating "Problems with Plumbing". *(Limit 32 Vets)*

745 • 1:30-5:00 PM \$440

ADVANCED SURGICAL PROCEDURES WET LAB

Mann, Holt, Mehler, Spring

COURSE #715 IS REQUIRED ATTENDANCE AND IS INCLUDED IN #745 REGISTRATION FEE

The cadaver wet lab will offer hands-on practice of surgical techniques. Three instructors with experience in advanced abdominal surgery will circulate among the participants to answer questions and offer guidance during the surgical procedures. *(Limit 18 Vets)*

746 • 1:30-3:45 PM..... \$70

DIAGNOSIS & TREATMENT OF ARRHYTHMIAS IN THE ICU

Kramer

The course will review common arrhythmias seen in cases presenting to the ICU; identify the diseases that are at risk for arrhythmias; and review the mechanism and treatment for the arrhythmias. The course will involve group participation with evaluation of unknown ECG's. A step –by- step algorithmic approach evaluating, diagnosing and treating the arrhythmias will be utilized by the participants of the session. *(Limit 35 Vets)*

747 • 1:30-5:30 PM..... \$90

FOCUS ON YOUR HUMAN RESOURCES: FROM HIRE TO FIRE, AND ALL POINTS IN BETWEEN

Dobbs

How do you get results from the people you manage, without going crazy yourself? By ensuring they know your expectations, and then holding them accountable for meeting the standards of your practice. The right human resource tools can help you develop the foundation you need, and make your job as manager easier when it comes to hiring, evaluating, and discipline when necessary. This workshop will help you build your tools today, and use them tomorrow! *(Limit 40 Vets/Techs/Managers)*

766 • 4:00-5:00 PM..... \$40

OCULAR SURGERY FOR THE ER CLINICIAN

Giuliano

Please join us for a case-based approach to the diagnosis and surgical management of common ophthalmic abnormalities. Special emphasis will be placed on ways to avoid common mistakes and to ensure the optimal surgical outcome for the small animal practitioner. Additionally, a short practice tip will be described. Regional anesthesia can be a useful adjunct to a variety of eyelid surgeries, particularly entropion correction. Post-operative comfort is improved and the spastic component of entropion is markedly decreased. Technique and drug options will be briefly discussed. Questions are welcomed and discussion will be encouraged. *(Limit 35 Vets)*

SUNDAY, SEPTEMBER 21

813 • 8:00-10:15 AM \$70

IMAGING THE ACUTE ABDOMEN

Bouma

This small group, limited enrollment film reading session will focus upon radiographic and ultrasonographic imaging for the diagnosis of the acute abdomen. There will be an emphasis upon the complementary nature of abdominal radiography and ultrasound. Ultrasound is superior to radiographs in its ability to provide detailed information about internal structure, size and shape of abdominal organs, but it should not always be considered a replacement for radiographs. *(Limit 35 Vets)*

814 • 8:00-9:00 AM..... \$40

FLUID CHOICES FOR THE CRITICAL PATIENT

Rieser

We use fluids every day of practice but sometimes which fluid is best can be a puzzling problem. This session will look at the different types of fluids available and when to use them. Many case examples will be presented. *(Limit 35 Vets/Techs)*

815 • 8:00-11:30 AM\$NC

DISASTER RESPONSE

Wingfield, Upp

Veterinarians are considered first responders in all natural and man-made disasters. Realizing these disasters can be hazardous to one's health, it is important to know the type of protective equipment needed for the various types of incidents. Donning and doffing this equipment requires training and will be demonstrated. Additionally, decontamination of animals will be supervised and provided by veterinarians and veterinary technicians. The principles of decontamination, materials, and techniques will be discussed and demonstrated. Lastly, the session will provide participants an opportunity to practice field, medical, and hospital triage techniques on veterinary victims. Triage techniques will have been discussed in a previous session titled "Veterinary Disaster Response - Triage: Making the Tough Decisions". (Limit 25 Vets/Techs/Managers)

824 • 9:15-10:15 AM \$40

EMERGING TECHNIQUES IN EMERGENCY PRACTICE: TRICKS AND TIPS

Adamatos

This practical course will aim to cover some new (and not so new) techniques that every emergency practitioner needs to know. The course will cover novel applications of the Seldinger technique, in particular for the drainage of body cavities. Registrants will have the opportunity to practice Seldinger placement of central venous lines, thoracostomy tubes and for drainage of peritoneal effusions. There will also be tips for obtaining venous access in collapsed and pediatric patients. Registrants will also be able to learn and experiment with new uses for equipment which may be languishing unused on the practice shelf! (Limit 35 Vets/Techs)

833 • 10:30-11:30 AM \$40

EMERGENCY SURGERY FOR ORTHOPEDIC CASES

Spreng

Many trauma patients need orthopedic surgery during their treatment. Early planning is helpful for the team and very important for owner communication. In this interactive session, participants will get into the decision making process to determine the ideal timing, and the choice of possible procedures with clinical information available to any emergency doctor. (Limit 35 Vets)

834 • 10:30-11:30 AM \$40

CASES FROM THE ER FRONTLINE

Rozanski

This session will describe the initial patient assessment and management, as well as the treatment of a variety of common and not-so common cases presented to the Emergency room. Key concepts for successful outcome as well as potential obstacles to success will be highlighted. Registrants are encouraged to participate in decision-making. (Limit 35 Vets/Techs)