

Thursday

7:30am

Light Breakfast

8-9am

Venipuncture & Vascular Access (Mendota 2)

Liza W Rudolph, BAS, RVT, VTS (CP-CF, SAIM) (1.2 CE)

The indications, types, and methods of vascular access will be discussed. This will include venipuncture techniques, peripheral vs central venous access, catheter types, placement, and proper maintenance. Aseptic technique and generalized patient care with an emphasis on active veterinary nursing and critical thinking will be stressed.

OR

Understanding Fluid Therapy (Mendota 5)

Megan Brashear, BS, CVT, VTS (ECC) (1.2 CE)

Not all IV fluids are created equal, and not every type of fluids is appropriate for every patient. This lecture will explain not only the make-up of fluids, but when to use each type, where fluids go once they enter the body, how to calculate IV fluids and drug additives, and monitoring patients on fluid therapy. The lecture will conclude with case studies and audience participation to determine appropriate fluid therapy.

OR

The BAER necessities (Mendota 6)

Nicole Hoffman, CVT (1.2 CE)

This lecture will walk you through the basic principles of BAER testing is, what a BAER test is useful for, what we are testing for, and how it is clinically relevant to you and your patients.

OR

Improving Quality of Life for Exotics Pets – Cage Activities, Foraging, Enrichment (Kegonsa-upstairs)

Shawn Hook, DVM (1.2 CE)

Quality of life is important to all our pets, this lecture will discuss ways to improve quality of life for our exotics pets.

9-9:10am

Break

9:10-10:10am

Ins and Outs of Blood Pressure Measurement (Mendota 2)

Liza W Rudolph, BAS, RVT, VTS (CP-CF, SAIM) (1.2 CE)

Blood pressure measurement is an important vital parameter in small animal patients. Accurate blood pressure assessment is required in both the initial phase to diagnose (or exclude) hypertension or hypotension, and ongoing patient monitoring in the inpatient and outpatient setting. Invasive vs non-invasive blood pressure (NIBP) measurement will be discussed. Doppler vs oscillometric devices, their use, limitations, and recommendations for obtaining consistent and accurate values will be stressed. An in-depth knowledge base regarding blood pressure measurement techniques and their

respective advantages and disadvantages is imperative to provide high quality nursing care for our veterinary patients.

OR

Understanding Acid/Base and Blood Gas Measurements (Mendota 5)

Megan Brashear, BS, CVT, VTS (ECC) (1.2 CE)

The acid/base balance in the body is delicate and often challenging to understand. Beginning with the basics, this lecture will help technicians to understand why they should be concerned with their patient's acid/base status and what can be done to treat disorders. A simple tic tac toe method will be taught that aids in determining the primary disorder and whether the patient is compensating for the change.

OR

Thinking Outside the Box; Understanding New Ways To Use Old Drugs. (Mendota 6)

Kristen Cooley, CVT, VTS (Anesthesia/Analgesia) (1.2 CE)

Good anesthesia starts with a thorough understanding of the variety of drugs that we use. Re-examine common medicants, learn a few new tricks and discover how certain drugs can work together to provide a safer and more balanced outcome when it comes to both anesthesia and analgesia. This information will help you navigate analgesia in the face of the opioid crisis.

OR

Exotic Nutrition – Diets and How Best to Prepare Them (Kegonsa-upstairs)

Shawn Hook, DVM (1.2 CE)

Nutrition is a very important part of our exotic pet's lives. Many do not have commercially available diets and some available diets are not ideal. This lecture discussed proper diets and how best to prepare them for the exotic pet.

10:10-10:30am **Break**

10:30-11:30am **Advanced Skills in Clinical Practice (Mendota 2)**

Liza W Rudolph, BAS, RVT, VTS (CP-CF, SAIM) (1.2 CE)

Veterinary technicians perform a multitude of skills every day. Each skill needs to be performed with a high degree of precision to provide superior patient care and comfort, and maximize diagnostic and/or therapeutic value to the veterinary health care team. This lecture is tailored to the audience and may include, but is not limited to: cystocentesis, accurate blood pressure measurement, vascular access, blood typing, crossmatching, and transfusion administration and monitoring.

OR

Attitude is Everything (Mendota 5)

Megan Brashear, BS, CVT, VTS (ECC) (1.2 CE non-scientific)

This talk is designed for the entire veterinary team and discusses the personality conflicts we all endure on a daily basis. Using humor and relatable experience, this

lecture will dive into communication styles, bullying and gossip, client compassion, and practical ideas regarding how to indulge in self-care and combating the guilt culture of veterinary medicine.

OR

The Fear Free Initiative-A Practical Approach to Establishing a Fear Free Hospital Environment - Part 1 (Mendota 6)

Todd G. McCracken, DVM (1.2 CE)

Fear Free has become one of the single most transformative initiatives in the history of companion animal practice. With that in mind, the presentation covers the basic principles of the Fear Free Initiative, by describing and discussing the practices, processes, procedures, and products that assist in reducing fear, anxiety and stress (FAS) of the veterinary patients and their owners, creating a low-stress veterinary healthcare environment. The presentation will take a practical approach to establishing a Fear Free hospital environment. Participants will learn to identify and assuage the symptoms of FAS, encouraging better healthcare, a more satisfied and compliant client, a happier staff, and a healthier bottom line. The information presented will assist the veterinary healthcare professional in elevating their level of commitment to preventing and alleviating FAS. Participants will receive information illuminating how the Fear Free initiative incorporates a paradigm shift that allows a whole-lifestyle approach to pet care, incorporating differing approaches to reduce FAS not only in the veterinary hospital, but in a number of differing venues, such as the vehicle, the home, etc. This presentation offers all veterinary healthcare professionals the opportunity to gain the knowledge that will allow them to hold each pet's emotional well being to the same standard and level as they hold their patient's physical well being, with the realization that it's not possible to treat one without the other.

OR

Dermatology – Skin Problems in the Exotic Pet (Kegonsa-upstairs)

Shawn Hook, DVM (1.2 CE)

Skin problems can be an issue for exotic pets too. We will discuss common skin problems and how to go about testing for them so that you can give you pets the proper care that they need.

11:30-1pm **Lunch – Exhibit Hall (Ticket Required)**

OR

WVMA's Small Animal Lunch Bunch: The Power of Voice - Mental Health Issues in Veterinary Medicine (Ticket Required)

Lisa Peters, DVM, DACVECC (1.2 CE)

Veterinarians and veterinary team members are prone to high rates of burn-out, anxiety, compassion fatigue, ethical fatigue, and depression. Suicide rates have increased within the profession as well. Dr. Lisa Peters will discuss these issues in veterinary medicine and how we can use our voices to implement change. She will also

discuss how we can improve our own resilience and maintain wellness within the workplace.

1-2pm

Managing Patients With Lymphoma (Mendota 2)

Liza W. Rudolph, BAS, RVT, VTS (CP-CF, SAIM) (1.2 CE)

Lymphoma is the most common neoplasia seen in small animal practice. An overview of canine and feline lymphoma, treatment options, and patient care will be addressed with a special emphasis on quality of life.

OR

The Top 5 Common Emergencies Part 1 (Mendota 5)

Megan Brashear, BS, CVT, VTS (ECC) (1.2 CE)

Veterinary technicians must be ready for any emergency that may present to their hospital as well as be ready for any disease process to quickly become an emergency. This lecture covers the most common emergencies including patient triage both in the lobby and while hospitalized, stabilizing strategies including shock physiology and recognition, treatment including fluid therapy and pain management, and continued monitoring. An emphasis is placed on critical thinking, anticipating change, and the importance of nursing plans.

OR

The Fear Free Initiative-A Practical Approach to Establishing a Fear Free Hospital Environment - Part 2 (Mendota 6)

Todd G. McCracken, DVM (1.2 CE)

Part 2 continued from Part 1.

OR

External and Internal Parasites Common to General Practice (Kegonsa-upstairs)

Shawn Hook, DVM (1.2 CE)

Parasites are a big deal in exotic pets. In addition to intestinal parasites like dogs and cats, many exotics have a variety of external parasites of concern as well. This lecture will discuss way to diagnose these problems and recognize them in the exotic pet.

2-2:45pm

Break

2:45-3:45pm

Tick-Borne Disease (Mendota 2)

Liza W Rudolph, BAS, RVT, VTS (CP-CF, SAIM) (1.2 CE)

It's not all about Lyme Disease anymore. Ticks are not only pests to pet animals and their owners, but are also known to cause anemia and act as vectors for multiple bacterial and protozoal diseases. The ranges and densities of many tick species have increased over the past 20 to 30 years, making tick-borne diseases an increasingly concerning subject in human and veterinary medicine. This lecture will update participants on the current status of tick population densities in the United States and provide information on common tick-borne diseases in the small animal patient and address the diagnosis, treatment, and current recommendations.

OR

The Top 5 Common Emergencies Part 2 (Mendota 5)

Megan Brashear, BS, CVT, VTS (ECC) (1.2 CE)

Part 2 continued from Part 1.

OR

Stem Cell & Platelet Rich Plasma in Animal Health (Mendota 6)

Thomas J Masterson (1.2 CE)

Stem Cell therapy and Platelet Rich Plasma are emerging therapies in animal health. The lecture will cover the basic science, modes of action and clinical application for dogs, cats and horses.

OR

Sedation and Anesthesia for the Exotic Pet (Kegonsa-upstairs)

Shawn Hook, DVM (1.2 CE)

Sedation and Anesthesia is needed for many procedures and diagnostic tests in exotics. This will discuss common medications used in for this so that hopefully you can provide safe care for your exotic pets.

3:55-4:55pm

Canine Pancreatitis (Mendota 2)

Liza W Rudolph, BAS, RVT, VTS (CP-CF, SAIM) (1.2CE)

Canine pancreatitis is a common disease in dogs. Many dogs are subclinical, especially those with chronic disease. The classic signs associated with pancreatitis are vomiting, hyporexia/anorexia, abdominal pain, diarrhea, lethargy, and dehydration. Although there have been many causes implicated in the development of pancreatitis (hypertriglyceridemia, obesity, dietary indiscretion, infection, drug reactions, intoxications, endocrine disorders, trauma, surgery, etc.) there is no clear trigger for the development of pancreatitis. Appropriate therapy includes treating or eliminating the underlying cause and providing supportive care. Patient advocacy and skilled nursing is paramount in the recovery of these patients.

OR

Acute Kidney Failure: Nursing Them Through (Mendota 5)

Megan Brashear, BS, CVT, VTS (ECC) (1.2 CE)

The kidneys are instrumental to the body being able to function normally and when they fail, multiple other organ systems can be affected. These patients are often critical and require a nursing team familiar with the complications and what to look for during their treatments. This lecture will cover the reasons for acute kidney failure, emergency treatment, and nursing skills required for these animals.

OR

Wisconsin Veterinary Technician Association 2018 Annual Convention

Immunotherapy Vaccines for Canine Cancer (Mendota 6)

Thomas J Masterson (1.2 CE)

Canine cancer is a broad challenge in veterinary medicine. This lecture will overview a new affordable approach in utilizing immunotherapy in dogs with cancer.

OR

Exotics: Radiographic and Ultrasound Positioning and Techniques (Kegonsa)

Shawn Hook, DVM (1.2 CE)

Radiographs and Ultrasound studies are performed every day for our cats and dogs in practice, but they can also be used to aid in our exotic pets as well. This lecture will help give you pointers on how to utilize these diagnostics for the exotic pets.

Evening Events

5-6pm

Awards Reception

Join your colleagues and exhibitors for a fun and relaxing reception to conclude the day. Food and drinks provided. Everyone is invited!

6-7pm

Awards Ceremony

Join your colleagues and exhibitors in celebrating the excellence within the veterinary medical profession. The Wisconsin Veterinary Medical Association, Wisconsin Veterinary Technician Association and Wisconsin Veterinary Practice Managers Association will announce award winners. Food and drinks provided. Everyone is invited!

Friday

7:30am

Light Breakfast

8-9am

Periodontal Disease - The Silent Killer. Identifying Disease and Why Treatment Matters (Mendota 2)

Christopher Snyder, DVM, DAVDC (1.2 CE)

This session will discuss the impact that periodontal disease has on patient comfort and general health. Nuances of symptoms that can be discerned during a patient history and awake evaluation will be discussed as well as an overview of diagnosis and which treatment options are appropriate for use and when.

Learner Objective: Describe the different stages of periodontal disease and be comfortable discussing with clients the importance of preventative care and yearly professional cleanings.

OR

The ABCs of CRIs (Mendota 5)

Megan Brashear, BS, CVT, VTS (ECC) (1.2 CE)

Calculating constant rate infusions can be intimidating. This lecture begins with appropriate management and labeling of various CRIs, as well as common situations to use various CRIs. The bulk of the lecture covers different methods for calculating constant rate infusions for pain management, anesthesia, and blood pressure management. Attendees should bring their calculators as practice makes perfect!

OR

OSHA (Mendota 6) (8am-9:15am)

Kris Hinz (1.5 RACE Approved)

“OSHA” requirements can make any practitioner cringe at the image of red tape, masses of paperwork and fines for non-compliance. This program offers practical steps that comply with state and federal laws to help the practitioner meet the regulations in the area of Hazard Communication, Global Harmonized System, Workplace Injury and Illness, Site Compliance and Hazardous Waste disposal.

Attendees who participate in the full seminar will receive a certification of completion.

OR

Stay and Grow Part 1 (Kegonsa - Upstairs)

Lisa A. Yackel, CVPM, PHR, SHRM-CP (1.2 CE non-scientific)

This (2 hours) session will be a workshop style format where you will be encouraged to find ways to grow in your present jobs without necessarily completing formal education. Continuing into the second hour, you will develop a plan to increase your value to the practice and to find a passion that will enrich you and allow personal growth.

9:30-10:30am **Intraoral Radiographs- What am I looking at? More importantly, Did I Get It!?**
(Mendota 2)

Christopher Snyder, DVM, DAVDC (1.2 CE)

Efficient acquisition of dental radiographs hinges on two main principles- an understanding of the structures you are evaluating as well as the ability to troubleshoot and modify your technique to acquire the images that you want. We will focus on understanding radiographic anatomy and intraoral positioning. Describing the modifications necessary to the parallel and bisecting angle techniques are the secrets to success!

Learner Objective: Describe normal radiographic anatomy, common radiographic abnormalities and be able to direct someone how to modify radiographic positioning to acquire diagnostic images.

OR

The Art of Nursing (Mendota 5)

Megan Brashear, BS, CVT, VTS (ECC) (1.2 CE)

Veterinary nursing involves more than medical knowledge. This lecture covers the other aspects of nursing including patient enrichment, team communication, critical thinking skills, and client compassion to help energize veterinary technicians and to help increase their career longevity.

OR

Top 10 Signs of Cancer in Dogs (Mendota 6)

Cecilia Robot DVM, DACVIM (Oncology) (1.2 CE)

In this lecture we will cover the most common signs of cancer in dogs - early diagnosis means early intervention and better overall outcome. Most clinical signs of cancer can mimic other non-cancerous conditions. We will discuss how to differentiate cancer from non-cancerous conditions. The goal of this lecture is to raise awareness to certain clinical signs that should prompt further workup. As veterinary technicians, you have a major role in helping diagnose cancer early, by asking owners the right questions, being aware of certain breed predispositions, and by getting basic patient parameters (TPR, weight, etc).

OR

Stay and Grow Part 1(Kegonsa - Upstairs)

Lisa A. Yackel, CVPM, PHR, SHRM-CP (1.2 CE non-scientific)

This session will be a workshop style format where you will be encouraged to find ways to grow in your present jobs without necessarily completing formal education.

Continuing into the second hour, you will develop a plan to increase your value to the practice and to find a passion that will enrich you and allow personal growth.

10:10-10:40am **Break**

10:40-11:40am **Ouch, That Hurts! What Are True Dental Emergencies and How to Treat Them?**

(Mendota 2)

Christopher Snyder, DVM, DAVDC (1.2 CE)

Differentiating between true emergencies and client perceived “preferences” can be difficult. After this session, attendees should have an improved sense of what is truly an emergency and what is not. We will discuss different case presentations and clinical situations where recommendations for treatment are time sensitive and can directly impact prognosis and treatment outcome. Learner Objective: Demonstrate confidence when triaging oral and dental emergencies to guide appropriate timely evaluation in the practice.

OR

Anaphylaxis: How, Why, and What to Do (Mendota 5)

Megan Brashear, BS, CVT, VTS (ECC) (1.2 CE)

Anaphylaxis is a true emergency that requires quick thinking and treatment. This lecture will explain the basics of anaphylaxis and how these deadly reactions occur. Utilizing real case studies, treatment and nursing care will be discussed in detail, as well as complications that can occur with these cases.

OR

Chemotherapy: How it Works and Chemotherapy Safety (Mendota 6)

Cecilia Robot, DVM, DACVIM (Oncology) (1.2 CE)

Chemotherapy is a controlled poisoning. It is commonly used to treat cancer in people, dogs and cats, and the mechanism of action and potential side effects are well understood. However, it should only be used in controlled conditions by trained veterinarians and technicians. Many possible complications may occur, not only for the patient but also for the staff and pet parents. In this lecture we will discuss the basic mechanism of action of chemotherapy, indications for using it, and how to safely administer it in the clinic.

OR

Is Management in Your Future? (Kegonsa - Upstairs)

Lisa A. Yackel, CVPM, PHR, SHRMP-CP (1.2 CE non-scientific)

Often it seems the next logical step up for technicians is into management. This session will give you insights into whether that is the best route for you. We will also give some practical tools you will need if you pursue the management route, whether as a supervisor or another leadership role.

11:40-1:30pm **WVTA's Annual Business Meeting and CE Lunch: "Oh The Places You Will Go"**

(Mendota 1) (Ticket Required)

Kelly Lynn Cronin, MBA, PHR, RVT, VTS (ECC) (1.2 non-scientific CE)

I will be covering professionalism, resume creation, career advancement and social media in the workplace. I will detail career opportunities in veterinary medicine. We will be discussing common difficult situations in veterinary employment and their

resolutions. I will attempt to impart good rules of conduct in the very small world of veterinary medicine.

OR

Lunch – Exhibit Hall (Ticket Required)

1:30-2:30pm **How to Do It Right- Local Block Techniques for Dentistry Patients** (Mendota 2)

Christopher Snyder, DVM, DAVDC (1.2 CE)

Regional anesthetic blocks can be a huge benefit to the patient by: reducing the amount of necessary general anesthesia, improving the transition to oral medications at home and can be very safe when administered carefully. We will review various local block techniques and the variety of choices for medications that exist to extend duration of action.

Learner Objective: List justifications behind a treatment plan that includes local block administration and feel comfortable with the necessary landmarks when describing how different block techniques are performed.

OR

Emergency Care for the Seizure Patient (Mendota 5)

Megan Brashear, BS, CVT, VTS (ECC) (1.2 CE)

Seizure disorders are frequently seen in the veterinary clinic. This lecture will cover emergent care for status epilepticus including emergency drug doses and routes. The bulk of the time is spent discussing the nursing care necessary for monitoring these patients to ensure the technician team can recognize changes in minimally responsive patients and nursing care for recumbent neurologic patients.

OR

Diagnosing Cancer: Aspirates, Biopsies and Other Testing (Mendota 6)

Cecilia Robot, DVM, DACVIM (Oncology) (1.2 CE)

Diagnosing cancer relies on many tests including basic bloodwork, imaging, sampling (aspirates or biopsies) and cancer specific tests. In this lecture we will cover fine needle aspirate and biopsy techniques as well as go over basic cytology. We will discuss best imaging tests to use in different situations, and go over recent advances in diagnosing cancer, such as molecular testing for lymphoma, genetic mutation testing for bladder cancer etc.. As veterinary technicians, you play a key role in assisting DVMs in these procedures.

OR

Practical Inhalant Anesthesia and Monitoring Techniques Used for Short Term Non-invasive Cranial MicroPet/MRI Imaging in Infant Macaques (Kegonsa - Upstairs)

Victoria Elam CVT VTS (LAM -Research Anesthesia) (1.2 CE)

Medical advances and interest in neurodevelopmental and psychological disease, among various other central nervous system processes, has warranted an increased use of advanced imaging techniques of the neonatal macaque brain. Using such young non-

human primate models can provide a learning experience even for those who already have extensive experience with other small non-human primates. Out of about 380 infant anesthetic procedures using the discussed methods, less than 3% of cases required additional veterinary assistance. These subjects, across the ages of two days up to one year, were scanned using inhalant anesthesia and pre-scan analgesics for possible laryngeal irritation. Limited space, poor lighting, and difficult visualization of the laryngeal anatomy are all common challenges faced in these types of protocols. Nursing infants can spasm or regurgitate during intubation, which may compromise the infant's well-being from a possible obstruction of the airway. Another consideration is selecting the appropriate non-rebreathing system with minimal respiratory resistance for neonatal lungs for the stereotactic devices provided. Anesthetic/analgesic monitoring in the magnified or radioactive environment will be discussed using non-MRI compatible anesthesia machines, multi/single parameter monitors, and the MRI compatible probes required. All of these challenges will be discussed focusing on the difficulty of providing an adequate breathing system with intubation techniques for stereotactic μ PET and MRI scans.

2:30-2:55pm **Break**

2:55-3:55pm **Malocclusions- Why They Matter and What to Do About Them (Mendota 2)**

Christopher Snyder, DVM, DAVDC (1.2 CE)

Malocclusions (orthodontic abnormalities) are considered heritable conditions with the exception of malocclusions in juvenile patients who suffered trauma. Early identification can mean the difference between growth disturbances causing the malocclusion to become worse versus the patient developing/growing normally. Malocclusions causing tooth-onto-tooth trauma or create traumatic contact to soft tissues causing daily discomfort require intervention. Being able to describe how skeletal and dental growth occur in juvenile patients can make the difference from a healthy, pain-free puppy/kitten existence and a literal "headache" every time they close their mouth! Learner Objective: Be able to define how a normal occlusion looks; describe what classification exists for malocclusions and describe 10 different treatment interventions and when they are most important for normal development.

OR

Canine Heatstroke: Keeping Your Cool (Mendota 5)

Megan Brashear, BS, CVT, VTS (ECC) (1.2 CE)

Thermal injury can quickly lead to multiple organ involvement and a critical patient. This lecture will cover heat induced organ injury system by system focusing on recognition by the nursing team, immediate treatment, and ongoing nursing needs. An emphasis on nursing plans and critical patient monitoring is prevalent throughout the lecture.

OR

On Your Last Nerve; Loco Regional Anesthesia for Everyday Practice. (Mendota 6)

Kristen Cooley, CVT, VTS (Anesthesia/Analgesia) (1.2 CE)

Increase your worth as a technician by mastering local nerve blocks! For a few dollars and a few minutes you can increase the quality of pain management within your

practice and make your job more fun at the same time. The more we learn about pain in animals the more obvious it becomes that we must be treating it as completely as possible. Loco regional anesthesia techniques will be discussed in this lecture.

OR

The Science of Acupuncture - How and Why it Works (Kegonsa Upstairs)

Kristin Luginbill DVM, CCRT, cVMA (1.2 CE)

Acupuncture is used to reduce pain and promote health today in much the same way that it has been used for thousands of years. Our understanding of how it works has changed significantly over that time however. Acupuncture can be successfully used to help manage pain and many medical conditions in our companion animals as well. This lecture will discuss how acupuncture is used and the science of why it works.

3:55-4:05pm **Break**

4:05-5:05pm **An Overview of Endodontic Therapy- Who Is the Right Candidate & Why? (Mendota 2)**

Christopher Snyder, DVM, DAVDC (1.2 CE)

A variety of situations arise where the health to the inside of the tooth is compromised. When the tooth begins dying, the last structure to die is the nerve. Early identification and explanation to clients (with demonstration of proof) can be helpful in emphasizing the need for therapy to improve quality of life. Various case presentations and radiographic findings will be discussed to help guide decisions about what therapies exist.

Learner Objective: Describe the advantages and disadvantages to endodontic therapy and provide an overview of the steps as would be understandable to clients.

OR

Emergency Anesthesia: Planning for the Unexpected (Mendota 5)

Megan Brashear, BS, CVT, VTS (ECC) (1.2 CE)

Emergency anesthesia brings with it potential chaos and risk. The veterinary nurses monitoring these patients must be comfortable making quick decisions on pain management, blood pressure management, fluid therapy needs, respiratory support, and anesthetic needs often all at the same time. This lecture will cover emergency anesthesia from a broad perspective before discussing specific cases to highlight the importance of thinking and planning ahead to make even emergency anesthesia feel routine.

OR

Behind the Eight Ball: Playing Catch-up With a Painful Patient (Mendota 6)

Kristen Cooley, CVT, VTS (Anesthesia/Analgesia) (1.2 CE)

Untreated or under-treated pain can lead to a patient that is very difficult to manage. Getting behind on pain management is stressful for everyone but there is hope! Learn about the drugs and techniques that can be used to calm down the nervous system and make painful patients more comfortable.

OR

Understanding Pain and How to Manage It (Kegonsa - Upstairs)

Kristin Luginbill DVM, CCRT, cVMA (1.2 CE)

Pain is a complex physiologic complex which has both sensory and emotional components. The quality of life of our patients can be significantly influenced by our ability to recognize and treat pain effectively and in order to do that, we need to understand the process of experiencing pain. This lecture will discuss the basic physiology of pain and its application to better pain management in our patients.

5-6:30pm

WVMA's Evening Reception

Come to the Evening Reception in the exhibit hall for a networking reception with your fellow veterinarians, practice managers, CVT's and exhibitors! Food and drink provided. Everyone is invited!

*Full Day – Equine Colic and Wellness Lectures with Bo Brock, DVM are being offered in conjunction with the WVMA

Saturday

7:30am

Light Breakfast

8-9am

Laser and Massage: How you can make them fit into your practice (Mendota 2)

Michael C Petty, DVM (1.2 CE)

Do you have a laser collecting dust in the corner? Has your practice been thinking of purchasing a laser? Have you always wanted to do something more for your pain patients? Learn which pain issues you can treat with both Laser and Massage to make your patients happier, make your work day more interesting, and add or improve a revenue stream for your practice.

OR

From Chaos to Calm (Mendota 5)

Dr. Lori Rockwell DVM, CCRT, KPA CTP (1.2 CE)

Did you know our animal patients see, hear and smell things very differently than we do? In this lecture we will discuss how we can set up each area of the clinic to help our patients remain as calm and relaxed as possible whether they are visiting for a wellness exam or hospitalized for an extended period of time.

OR

Sugar, We're Going Down (Mendota 6)

April J Bays, CVT, VTS (ECC) (1.2 CE)

In this lecture, I will review the essentials of diabetes pathophysiology that lead into the diabetic ketoacidotic state. I will go over concepts of glucohemostasis via glucagon, insulin, glycolysis, glycogen, and glycogenolysis. Processes including lipolysis, and proteolysis and their contributions to gluconeogenesis, ketogenesis and hyperosmolality will be discussed as well as the resultant complications of acidosis, electrolyte and volume depletion due to osmotic diuresis. With emphasis on the technician's role in observation of these critical patients, technicians should be able to anticipate the changes in these patients providing invaluable insight to patient care.

OR

Ultrasound Principals – How Do Ultrasounds Work and What Are All of Those Knobs For?? (Kegonsa - Upstairs)

Jane Renee Lund, DVM, MS, DACVPM (1.2 CE)

This lecture will begin by reviewing the basic physics of how ultrasounds work. Don't worry, it isn't a physics lecture, just a review on how the machine works which will lay the foundation for understanding how images are produced and how to optimize them. We will then discuss basic knobology, or 'what do all of those knobs and buttons do'. The lecture will touch on terminology/vocabulary, patient preparation, positioning, systematic approaches to ultrasound, FAST scans and transducer selection laying the foundation for the other lectures and labs.

Wisconsin Veterinary Technician Association 2018 Annual Convention

9:10-10:10am **Pain Management in Cats (Mendota 2)**

Michael C Petty, DVM (1.2 CE)

What works and what doesn't work for the treatment of acute and chronic pain in cats? Tired of seeing your feline patients in pain and not knowing what to do next? Take a look at what on label and off label options you have for treating pain.

OR

Learn to Speak Cat (Mendota 5)

Dr. Lori Rockwell DVM, CCRT, KPA CTP (1.2 CE)

Cats are not small dogs and they have a language all their own that is often much more subtle than dogs. In this lecture we will learn about feline body language and how to identify stress in our feline patients.

OR

Learn To Love Your Curves (Mendota 6)

April J Bays CVT, VTS (ECC) (1.2 CE)

The oxyhemoglobin dissociation curve is critical in an in depth understanding of how blood carries and releases oxygen. Oxygen saturation, partial pressure of oxygen, and hemoglobin's affinity, are directly related to several factors. CO₂, pH, Temperature and 2, 3-DPG affect the shift of the curve and I will discuss methods for measuring and influencing its position. You'll be amazed at how much this affects your patients and they'll appreciate your understanding of this important system.

OR

Ultrasound Anatomy of the Liver, Spleen and Gastrointestinal Tract - What is that Grey and White Blob?? (Kegonsa - Upstairs)

Jane Renee Lund, DVM, MS, DACVPM (1.2 CE)

Throughout this lecture we will discuss normal anatomy seen with ultrasound and compare the normal anatomy to abnormalities. We will focus on the liver, spleen and gastrointestinal tract. Abnormal cases will be presented for comparison and discussion. Common abnormalities, such as gastrointestinal foreign bodies, neoplasia, and benign processes will be included. The lecture will mainly focus on cats and dogs but will have examples of exotics and large animals.

10:10-10:50am **Break**

10:50-11:50am **Pain Assessments in Dogs: Acute and Chronic (Mendota 2)**

Michael C Petty, DVM (1.2 CE)

You can't treat the pain if you can't diagnosis it. You also can't know if you are doing a good job unless you know how to measure pain. This lecture takes a look at both a common sense approach to diagnosing and measuring pain as part of the total pain treatment.

OR

Cooperative Care with Cats (Mendota 5)

Dr. Lori Rockwell DVM, CCRT, KPA CTP (1.2 CE)

Cooperation and cat in the same sentence seems like an oxymoron right? Join me for this lecture as you learn how to teach your feline patients to participate in their own care and be comfortable in your clinic.

OR

Unintended Heavy Breathing (Mendota 6)

April J Bays CVT, VTS (ECC) (1.2 CE)

The anatomy and physiology of the respiratory system in the canine and feline will be reviewed in this presentation. We'll continue into the most common emergencies including traumatic diaphragmatic hernia, flail chest, tracheal tear, pneumo/hemothorax, and pulmonary contusions. Secondary conditions of respiratory and circulatory compromise such as congestive heart failure, and pericardial effusion will be discussed and focused on the technician's role in recognizing respiratory changes, patterns, and monitoring. With an improved understanding, we'll explore treatment techniques, analgesic options, and nursing care of these delicate patients.

OR

The Many Shades of Grey of the Reproductive and Urinary Tracts (Kegonsa - Upstairs)

Jane Renee Lund, DVM, MS, DACVPM (1.2 CE)

Is that the urinary bladder or a large prostatic cyst?? How do I safely perform a cystocentesis? Is that pyometra? These, along with so many other questions, will be answered while reviewing normal anatomy and common abnormalities of the reproductive and urinary tracts. The lecture will mainly focus on cats and dogs but will have examples from exotics and large animals.

11:50-1pm **Exhibit Hall Lunch** (Ticket Required)

1-2pm **Pain Assessments in Cats: Acute and Chronic (Mendota 2)**

Michael C Petty, DVM (1.2 CE)

You can't treat the pain if you can't diagnosis it. You also can't know if you are doing a good job unless you know how to measure pain. This lecture takes a look at both a common sense approach to diagnosing and measuring pain as part of the total pain treatment.

OR

Learn to Speak Dog (Mendota 5)

Dr. Lori Rockwell DVM, CCRT, KPA CTP (1.2 CE)

Dogs are talking to us all the time but we often miss what they are saying. In this lecture we will go step by step through dog body language in the veterinary clinic and what happens when you ignore it.

OR

Coagulability. Believe The Hype. (Mendota 6)

April J Bays CVT, VTS (ECC) (1.2 CE)

Coagulation is equally dangerous if your patient has too much, or too little of it. This session will cover the physiological processes of hyper and hypocoagulable states, and the many related diseases and disorders. The coagulation cascade through DIC and thromboembolisms will be included. Attendees will attain the understanding and tools to recognize the risks and signs associated with derangements and their implications in their patients.

OR

Common Artifacts and Interventional Ultrasound - Is There Sediment in the Bladder or Did I Just Create an Image Artifact? (Kegonsa - Upstairs)

Jane Renee Lund, DVM, MS, DACVPM (1.2 CE)

Recognizing common artifacts and knowing how to interpret, minimize and/or correct them is an invaluable skill. This lecture will provide the foundation for that knowledge. The role of assisting personnel during interventional ultrasound is critical. This lecture will conclude with a discussion of interventional ultrasound including the basics on materials, equipment, and set-up requirements. Recent advances, such as contrast ultrasound, will also be briefly covered.

2-2:10pm **Break**

2:10-3:10pm **Cannabidiols for Treating Pain (Mendota 2)**

Michael C Petty, DVM (1.2 CE)

What do we know? This lecture tries to take a look at what is real and what is the hype behind using CBD's to treat chronic pain.

OR

Cooperative Care with Dogs (Mendota 5)

Dr. Lori Rockwell DVM, CCRT, KPA CTP (1.2 CE)

Transitioning your hospital from a procedure centered to a patient centered approach will help your canine patients learn to love the veterinary hospital and make your job easier. In this lecture we will discuss techniques for working with canine patients to help become an active participant in their own care.

OR

Become A RAAS Badass (Mendota 6)

April J Bays CVT, VTS (ECC) (1.2 CE)

Attendees can expect an intensive session on the intricate physiological steps involved in each of the mechanisms of the renin angiotensin aldosterone system. The hormonal catalysts and their manifestations in hemodynamic balance, as well as the effects of its dysregulation will be simplified in a comprehensible way. Included will be the implications of inhibiting this system with special considerations for the cardiovascular system, renal function, and fluid/electrolyte stability.

OR

Stick a Needle in it...Safely (Lab) (Kegonsa - upstairs)(Limited Enrollment Event)

Jane Renee Lund, DVM, MS, DACVPM (1.2 CE)

Ultrasound models will be used to provide hands-on experience with proper mechanics for obtaining ultrasound images and performing procedures, such as a cystocentesis and thoracocentesis.

3:10-3:20pm **Break**

3:20-4:20pm **Care of the Surgical Patient: Before During and After the visit (Mendota 2)**

Michael C Petty, DVM (1.2 CE)

Do you ever feel like you did everything right but you still have a patient that has a bad experience? Too often we neglect things like patient comfort, nausea, nutrition and more during the entire hospital experience. Learn how to treat your patients like you would want to be treated if you were in their place.

OR

Dealing with Difficult Patients (Mendota 5)

Dr. Lori Rockwell DVM, CCRT, KPA CTP (1.2 CE)

Patients with severe stress and anxiety can make our days really tough. In this lecture we will talk about how to work with these patients and create behavior modification plans so they become easier to deal with in the veterinary hospital setting.

OR

Crisis Management. Let's Get Salty, K? (Mendota 6)

April J Bays CVT, VTS (ECC) (1.2 CE)

Canines presenting in an Addisonian crisis will be thrilled you attended this lecture! Adrenal function and effects are complex. A detailed, simplified approach to hormonal and electrolyte alterations will be discussed, as well as gastrointestinal and neurological manifestations. Learn all the why's and how's to bring these very sick patients back from the brink. You'll develop an in-depth understanding of this disorder of the adrenal glands, and learn to love treating it.

OR

Live Animal Ultrasound (Lab) (Kegonsa - upstairs)(Limited Enrollment Event)

Jane Renee Lund, DVM, MS, DACVPM (1.2 CE)

This is a hands-on lab focused on obtaining ultrasound images of the 'Big 5'-liver, spleen, kidneys, and bladder in dogs.

Wisconsin Veterinary Technician Association 2018 Annual Convention

Thank you to our 2018 WVTA Sponsors

Ceva

Elsevier

Lakeshore Surgical Specialists

Madison Veterinary Specialists

MediVet Biologics

Memorial Pet Services

Midwest Cremation Service

Midwest Veterinary Supply

Patterson Veterinary

The Dog Den

UW Veterinary Care

Veterinary Emergency Service & Veterinary Specialty Center

Wisconsin Veterinary Medical Association

Wisconsin Veterinary Technician Association 2018 Annual Convention

April J Bays CVT, VTS (ECC)

April has worked in veterinary medicine since 2001, becoming a certified technician in 2007. After working relief at an emergency clinic she found her true calling, and earned her Veterinary Technician Specialty in Emergency and Critical Care in 2013. Her interests include pain management, metabolic, endocrine and respiratory emergencies. More than anything, April enjoys mentoring technicians and motivating them to push themselves to their full potential.

Megan Brashear, BS, CVT, VTS (ECC)

Megan is the Technician Trainer at VCA Northwest Veterinary Specialists in Clackamas, Oregon where she enjoys her time on the clinical floor working with technicians and medical staff providing in-the-moment training and teaching the whys of ECC nursing.

Kristen Cooley, CVT, VTS (Anesthesia/Analgesia)

Kristen Cooley is a Veterinary Technician Specialist in anesthesia and analgesia. She is an Instructional Specialist at the University of Wisconsin, School of Veterinary Medicine where she has spent over decade studying anesthesia and pain management under some of the most brilliant minds. Kristen is the immediate Past President of the Academy of Veterinary Technicians in Anesthesia and Analgesia, she is a board member of the International Academy of Pain Management (IVAPM) and a part of the steering committee for the newly organized North American Veterinary Anesthesia Society (NAVAS). Kristen is a published editor, author and illustrator of anesthesia related text books as well as an internationally recognized and frequently sought after speaker and award winning instructor. She lives in Madison, Wisconsin with her 6 year old twins, a handful of dogs, cats, rodents and chickens and a 29 year old box turtle.

Kelly Lynn Cronin, MBA, PHR, RVT, VTS (ECC)

Kelly Cronin began her career in veterinary medicine holding horses for the local equine vet and volunteering as a kennel assistant when she was 8 years young. After graduating from the University of Wisconsin Madison with a BS in Animal Sciences, she was offered a position as a veterinary assistant at an emergency clinic, becoming licensed as a veterinary technician in Alaska in 2001 and in New Mexico in 2006. She is currently licensed as a CVT in the state of Wisconsin. Kelly has continued her education becoming Certified as a Professional in Human Resources in 2010, completing her Masters of Business Administration from Mississippi State University in 2012, and becoming certified as a Veterinary Technician Specialist in Emergency and Critical Care in 2013. In addition to advancing her education, Kelly wrote and published *In the Middle*, a book for veterinary technicians in management, which is now in second edition. She is a national and international speaker presenting workshops and lectures on leadership, management, and emergency and critical care medicine. She currently serves as both a moderator and instructor for VSPN, works as the CEO of Success Strategies Veterinary Consulting, and is Operations Manager for the Advanced Animal Hospital Group (a fast-growing, 14 + hospital group). In addition to her varied professional responsibilities, Kelly was a key organizer of the 2016 and 2018 VetTechLife CE on the Sea event. Kelly lives with a precocious 6 year old bilingual ninja princess, a chow mix, a Costa Rican street dog, four ridiculous cats, and a very tolerant husband.

Wisconsin Veterinary Technician Association 2018 Annual Convention

Victoria Elam, CVT VTS LAM- (Research Anesthesia)

Vicki graduated from Walter Reed Army Institute of Research as a Veterinary Animal Health Technician in 1978 and served in the Army as a veterinary technician until 1982.

Over her working career of 36 years, she has worked in private practice, Academia as an Instructional Assistant, Adjunct Instructor in local Veterinary Technician programs, as a surgical operating room technician at UW School of Veterinary Medicine, Surgery Anesthesia Technician at the National Primate Research Center and currently as a Research Specialist working with primates for the UW School of Medicine and Public Health in the Department of Psychiatry. Being involved in non-human primate research has allowed her to work with people from across the US, UK and travel to China to teach primate anesthesia and monitoring techniques.

She has been very active over the years in the WVTA as President and Fundraising Chair, a founding member and Secretary for the Society of Laboratory Animal Veterinary Technicians and a founding member of the VTS Academy of Laboratory Animal Veterinary Technicians and Nurses serving as the IT/Webmaster Chair.

Kris Hinz

Kris Hinz is the OSHA/EHS Officer for Henry Schein Animal Health. Her career spans 30 years in the field of Safety and Health and Operations. Kris leads the charge to ensure all Distribution Centers are compliant with federal and state OSHA laws and Environmental Health & Safety requirements. She develops training, conducts OSHA training and works with outside organizations to drive regulatory changes and awareness. She holds a Bachelor of Science in Applied Technical Communications and has received her OSHA 10 and 30 hour certification.

Nicole Hoffman CVT

Nicole has had an interest in animal's life long and decided to pursue their well being at a young age. She obtained her degree in Veterinary Technology from Madison Area Technical College in 2005. Working her 1st three years in general practice. She decided that she would like to pursue a specialty and started working for the University of Madison Veterinary Teaching Hospital in May of 2008 as a flex tech working in a variety of departments ultimately falling in love with neurology. She hopes to obtain her veterinary specialist certificate in 2020. When away from the hospital she enjoys spending time with her husband and their 2 children Brennan (11yrs), Cassandra (5yrs) and her 4-legged kids, Sid (cat), Hondo (dog) Foxy(horse) and Woody (horse).

Shawn Hook, DVM

Dr. Shawn Hook graduated from the University of Wisconsin - Madison - School of Veterinary Medicine in May of 1999. Since that time he has been practicing veterinary medicine in the Madison area. Dr. Shawn Hook has served as Vice President and President of the DCVMA (Dane County Veterinary Medical Association). Doctor Shawn Hook is a member of the American Veterinary Medical Association (AVMA), the Wisconsin Veterinary Medical Association (WVMA), The Dane County Veterinary Medical Association (DCVMA), the American Heartworm Society (AHS), American Animal Hospitals of America (AAHA), the Association of Exotic Mammal Veterinarians (AEMV), the Association of Avian Veterinarians (AAV), American Ferret Association (AFA), and the Association of Reptilian and Amphibian Veterinarians

Wisconsin Veterinary Technician Association 2018 Annual Convention

(ARAV). Dr Shawn Hook taught Exotic Animal Medicine at Globe University in their Technician Program. His special interests are in exotic animal medicine and surgery, ultrasonography and soft tissue surgery. Dr. Hook took over ownership of the Arbor Ridge Pet Clinic in March of 2007. You may email him with questions at shawnhookdvm@yahoo.com.

Kristin Luginbill, DVM, CCRT, cVMA

1997 graduate of UW Madison School of Veterinary Medicine. Certified in rehabilitation from Canine Rehabilitation Institute. Certified in acupuncture from Colorado State University. Work at Lakeshore Veterinary Specialists where practice is limited to rehabilitation and acupuncture.

Jane Renee 'J.R.' Lund, DVM, MS, DACVPM

Jane Renee 'J.R.' Lund, DVM, MS, DACVPM is a Diagnostic Imaging Resident at the University of Wisconsin- School of Veterinary Medicine. She has a unique background that includes research, teaching, international volunteer work, deploying as a veterinarian for the military, large animal private practice and small animal emergency medicine. This background allows her to blend everyday practical skills with advanced diagnostic techniques in a fun learning environment. In her free time she enjoys volunteering for Green County Humane Society and being a board member for the Hooved Animal Humane Society along with spending time with her family, four cats, two dogs and two horses.

Thomas J Masterson

Mr. Thomas Masterson serves as President of MediVet Biologics a Lexington, KY based animal health company. Mr. Masterson is a RACE certified speaker on the topic of regenerative medicine & immunotherapy. He is an author of numerous articles and publications in animal health. Mr. Masterson is a graduate of the University of Kentucky.

Todd McCracken, DVM

Dr. Todd McCracken attained his BS and DVM degrees from Kansas State University in 1993. He then became a Chief of Staff and Hospital Director in a multi-location companion animal hospital, where he broadened his management focus, opening a hospital in the Kansas City area, in 1998. He became an industry veterinarian for Fort Dodge Animal Health in April of 1999 as a manager in the Professional Services division. In 2012, he became a Senior Professional Services Veterinarian for the North Central Region, traveling the country to provide educational support to private practitioners and pet owners. He joined Ceva Animal Health in April of 2017, serving as a Veterinary Services Manager for the North Central Region.

Michael C Petty, DVM

Michael Petty is a 1980 graduate of the veterinary school at Michigan State University and has been in private practice since then. He is the past president of the International Veterinary Academy of Pain

Wisconsin Veterinary Technician Association 2018 Annual Convention

Management, a co-author of the AAHA/AAFP 2015 Pain Guidelines, and the author of Dr. Petty's Pain Relief for Dogs.

Cecilia Robot DVM, DACVIM (Oncology)

Dr. Robot is originally from France. She attended veterinary school in Liege, Belgium and pursued specialty training at UW Madison. She completed her residency in 2011, worked for one year in France before returning as a Clinical Instructor in Medical Oncology at the UW. She currently works at VES/VSC in Middleton, WI.

Dr. Lori Rockwell DVM, CCRT, KPA CTP

Dr. Lori Rockwell is a 2007 graduate of the University of Wisconsin School of Veterinary Medicine. She practiced as a small animal veterinarian in southern Wisconsin for 10 years but always had a strong interest in animal behavior and rehabilitation therapy. She is the founder of Soft Touch Animal Rehabilitation Service – a mobile physical and behavioral rehabilitation service that has been in operation since 2015. She is certified in canine rehabilitation therapy by the Canine Rehabilitation Institute, silver certified in low stress handling and restraint by The Low Stress Handling University, and is a certified training partner through the Karen Pryor Academy. She is a member of the American Veterinary Medical Association, the International Association of Animal Behavior Consultants, the Pet Professional Guild and the American Veterinary Society of Animal Behavior. Her passions are helping clinics implement Cooperative Care Strategies in their clinic to provide a safer, gentler environment for pets and educating pet owners on normal animal behaviors, positive training methods and helping them to prevent behavior problems from arising in their pets.

Liza W Rudolph, BAS, RVT, VTS (CP-CF, SAIM)

Liza Wysong Rudolph has been practicing for over 15 years and is a graduate of the Bachelor's program in Veterinary Technology at St. Petersburg College. As a double boarded VTS in Canine/Feline Clinical Practice and Small Animal Internal Medicine, her primary clinical experience is with internal medicine and emergency/critical care patients.

Christopher Snyder, DVM, DAVDC

Dr. Snyder is a Diplomat of the American Veterinary Dental College and Clinical Associate Professor at the UW School of Veterinary Medicine. He prides himself on the dental education he provides to students at the University of Wisconsin and the residents he has successfully mentored in the specialty.

Lisa A. Yackel, CVPM, PHR, SHRM-CP

Over 40 years ago, Lisa started her career in the kennel. She went on to become a non-certified technician and then a Practice Manager. She became one of the first CVPMs in 1994 and a Professional in Human Resources in 2004. For 26 years, Lisa was the Hospital Administrator of Case Veterinary Hospital in Savannah, Georgia. She is now a part time consultant, speaker and online instructor writer. Lisa is passionate about helping those in this wonderful career grow and thrive. She was a CVPM Board member for fifteen years and still serves on committees for that organization.