

Anesthesia and Analgesia

Heidi Reuss-Lamky, CVT, VTS (Anesthesia and Analgesia, Surgery)

Fear Free in a Time Crunch—Don't Hesitate to Sedate!

Until the day when every veterinary patient happily prances into the Fear Free Veterinary Practices of tomorrow, there will be occasions where urgency and convenience supersedes appropriate Fear Free patient conditioning. As such, it is imperative to utilize pharmaceuticals when the signs of fear, anxiety, and stress (FAS) become too great in dogs and cats requiring immediate veterinary attention. Fear Free handling tips and sedation protocols covered will help the veterinary health care team facilitate perioperative diagnostics, create peaceful anesthetic inductions, and ensure maximal patient comfort and emotional well-being throughout the pet's entire hospital stay. Practical surgical nursing strategies designed to improve the perioperative experience for both pets and pet owners alike will also be discussed.

Anesthetic Monitors—Understanding Their Use & Limitations

Technicians interpret data from anesthetic monitors on a routine basis. This presentation covers various monitoring modalities used in assessing the anesthetized patient, as well as common pitfalls and precautions that should be taken while interpreting the data provided by them. Monitoring modalities discussed include esophageal stethoscope, ECG, blood pressure, pulse oximetry, capnography and temperature.

Waste Anesthetic Gases-The Invisible Threat

This presentation covers numerous inhalant anesthetics and discusses the potential risks associated with direct exposure to waste anesthetic gases. Many suggestions are offered to protect oneself from unnecessary exposure.

Understanding Capnography—It's Breathtaking!

Measuring end-tidal carbon dioxide (ETCO₂) utilizing infrared technology was first introduced by Luft in 1943. Since that time, it has evolved into an essential component for monitoring patients in a variety of clinical settings such as throughout the peri-anesthetic episode, during long-term ventilation, or in an emergency room setting. Learn about various methods used to measure ETCO₂ as well as the pros and cons associated with each method. Troubleshooting capnograms will also be discussed.

Analgesia for "Blockheads"— Dental Nerve Blocks for Technicians

This presentation provides attendees with detailed instruction (including video demonstrations) on how to perform various dental nerve blocks in dogs and cats using nerve-friendly techniques. Discussion includes maxillary, middle mental, infraorbital and mandibular nerve blocks, as well as potential complications and precautions necessary to successfully perform the blocks.

Opioid Shortage? Nerve Blocks to the Rescue!

This presentation covers numerous nerve block techniques and includes detailed instructions (via video demonstrations) on how to perform each technique. Some of the techniques discussed include brachial plexus, BIER, RUM (ring), intercostal, intra-articular and intratesticular blocks, epidural analgesia, and much more!

Cardiology

Kristen Antoon, CVT, VTS (Cardiology)

Murmurs, Gallops, and Clicks.. Oh My!

Basic understanding of heart sounds and what they mean for your patient. Abnormal heart sounds does not always mean heart disease.

Common Cardiac Diseases: The Heart of the Matter

Understanding common congenital and acquired cardiac diseases in canines and felines.

ECG Interpretation: No 'Fibbing'!

Understand and recognize a normal or abnormal ECG of canines and felines.

Emergency Critical Care

Tiffany Gendron CVT, VTS (ECC)

Big 4 & Lactate

This lecture will review each of these diagnostics tools. The attendee will gain an understanding of collection techniques, normal values and the importance of each individual test. Some pathophysiology will be discussed to aid the attendee in understanding the clinical importance and relevance.

ECG Interpretation

This lecture starts with an overview of normal electrical conduction through the heart. The attendee will follow a step by step process of ECG interpretation. This lecture brings the attendee through case examples to aid in understanding.

Electrolyte Abnormalities

This lecture will start with a description of what electrolytes are and their composition in the body compartments. The main function of electrolytes and clinical manifestations of electrolyte abnormalities will be reviewed. Constant rate infusion administration, osmolality and nursing monitoring parameters will be reviewed.

Kenichiro Yagi, MS, RVT, VTS (ECC, SAIM)

Evidence-based CPR: The RECOVER Guidelines

A patient is rushed into your practice, and you witness the patient stop breathing! Do you know what to do next? Cardiopulmonary arrest is the ultimate emergency facing our patients. Clear knowledge on the current methods in CPR is important in providing these patients the best chance of survival. The 2012 RECOVER CPR guideline is an evidence-based veterinary CPR guideline standardizing CPR. The effect of implementation of such a guideline into practice, and one hospital's experience will also be shared.

The "What would you do?" Simulation: RECOVER CPR Edition

Performing of veterinary CPR can be enhanced through simulation learning. You may have the knowledge of the RECOVER guideline, but can you put it into practice? A group of volunteers will perform CPR through a simulation scenario on a highfidelity simulator developed at Cornell University

while the rest of the audience will be able to contribute by observing the simulation and participating in debriefing to review RECOVER CPR concepts. How will you lead the patient to survival?

Turning Passion into Purpose: What is your story?

“If you want to be happy in life, find your passion.” is a common saying we hear every day. But is passion truly all we need to have a fulfilling career? While finding your passion is extremely important, having purpose in everything you do is just as, if not more, important. Starting with passion and turning it into purpose is a necessity to finding meaningfulness in a career and life. But how does that happen? We will explore concepts such as luck, defining moments, and crossroads through the story of Ken’s journey.

Exotics

Gailyn Gaskell CVT, VTS (CP- Exotic Companion Animal)

Exotic pets; the basics you need to know to survive – the small furry edition

This lecture will discuss basic history taking, triaging, restraint and venipuncture on commonly seen mammalian species in practice.

Exotic pets; the basics you need to know to survive – the feathered and scaled edition

This lecture will discuss basic history taking, triaging, restraint and venipuncture on commonly seen avian and reptile species in practice.

The “ins and outs” of the herbivore GI tract

This lecture will discuss basic anatomy and physiology of the herbivore gastrointestinal tract. The lecture will also discuss importance of nutrition and how it pertains to normal function of the GI. Common differentials for gastrointestinal stasis will be discussed.

Wellbeing

Melissa J. Supernor, CVT, VTS (SAIM), CFE, CCFP

Removing Negativity and Toxicity in your workplace and in your life.

Toxicity and negativity have become common place these days. A toxic workplace is marked by significant drama and infighting, these battles may harm productivity, client relationships, and patient care. Toxic workplaces are often considered the result of toxic employees, who are motivated by personal gain, tend to use unethical, mean-spirited means to manipulate those around them. Toxic employees do not recognize a duty to anyone, but themselves. This interactive discussion will define the toxicity and negativity and will teach us how to bring more positivity into your workplace and in life.

Managing Conflict within the team.

Conflict means different things to different people and it is an inevitable and a big part of life. Conflict is usually associated with negative feelings; however, it can be normal and healthy. By definition, conflict is differences in opinions, perspectives, or personality. With two “conflicting” individuals, one may feel that they are in conflict and the other may feel they are discussing or debating opposing views. When people interact conflict can happen, when ignored or handled incorrectly, conflict is divisive, erosive and destructive; however, when managed effectively, conflict can lead to

problem solving, better solutions and stronger relationships. This interactive lecture will explore self-awareness with conflict and how to manage conflict within our professional and personal lives.

Stress Management, Burnout, and Compassion Fatigue

Stress is a fact of life today, and it is a problem within the field of veterinary medicine that can cause mental and physical problems and disrupt this rewarding career. Stress can be defined as the state produced when the body responds to any demand for adaption or adjustment. Stress can be good and bad depending on the stressor associated with the stress and can have both negative and positive effects on a person.

Burnout is a state of physical, emotional, and mental exhaustion caused by long term involvement in emotionally demanding situations. Compassion fatigue has been called the hurt of the heart something all of us in the veterinary profession are susceptible to, and many of us today suffer from this condition. Veterinary medicine has a high burnout and compassion fatigue rates. This lecture is interactive look at all three concepts and how they are similar and differ and how they impact us in the veterinary field.