

AVMA Convention On-Demand Sessions

ID	TITLE	TRACK	SPEAKER(S)	CE CREDITS	SESSION DESCRIPTION
1648	A Beginner's Guide to Feeding Small Ruminants	Food Animal/Equine	Andrea Mongini	1	This talk will cover the basics of applied nutrition in small ruminants. The focus will be on different life stages of life and understanding issues related to poor nutrition and improper nutrition.
1905	A Beginner's Guide to Feeding Small Ruminants - The Rest of the Conversation	Food Animal/Equine	Andrea Mongini	1	Nutrition exerts a very large influence on flock health and productivity as well as profitability. Feed is the single largest cost associated with raising small ruminants. This session reviews the nutritional requirements of small ruminants at different stages of life and discusses best practice methods regarding feeding small ruminants.
1111	A Tech's Guide to Managing the Diabetic Ketoacidosis Patient	Veterinary Technology	Yvonne Brandenburg	1	This course covers Diabetic Ketoacidosis (DKA) and what veterinary technicians need to know when treating these patients. This course will discuss treatments nursing skills and client communication for managing patients with DKA.
1832	A Week in the Life of the National Park Service Wildlife Health Branch Veterinarians	Public and Corporate Practice	Laurie Baeten	1	The mission of the National Park Service (NPS) is to conserve the 'wild life' and natural processes within its units. Staff with the Natural Resource Stewardship and Science Directorate of the NPS including five veterinarians provide science and management support to more than 400 NPS units throughout the nation. We use use a One Health approach to understand protect and promote the health of wildlife humans and the environment within the park system. We work at the intersection of biology ecology and policy to steward and sustain thriving populations of all wildlife species.
1812	Advanced Extractions in Veterinary Dentistry	Companion Animal Medicine	Patrick Vall	1	Exodontia of mandibular and maxillary molars maxillary 4th premolars and canine teeth are frequently indicated in veterinary dentistry. The locations of these teeth present unique anatomic and surgical considerations. Extraction can be quite challenging with numerous potential complications. Appropriate surgical technique is vital for their successful extraction. Distinct anatomical differences exist between the teeth noted above in the dog and cat. Each one has unique surgical technique variations. Anatomy of these teeth and their radiographic appearance will be covered in detail. Common indications for extraction will be discusses. Appropriate alternatives to extraction will be explored. Special attention will be given to a 3-corner mucoperiosteal flap technique that helps to preserve the collar of attached gingiva around neighboring teeth that are not being treated with exodontia. Numerous potential extraction complications exist including orbital trauma mandibular fracture and transportation of root fragments

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					into the mandibular canal and nasal passages. Avoidance of these complications will be reviewed in great detail.
1891	Anesthesia for Patients with Coexisting Disease	Veterinary Technology	Thomas Heckel	1	The goal of this lecture is to discuss different common disease processes that may require anesthesia and the creation of a safe effective anesthesia protocol.
1725	Approach to the Patient with Collapse	Companion Animal Medicine	Adesola Odunayo	1	This interactive session will provide an overview on steps taken to assess and treat animals who present with a history of collapse
1476	Assessment and Management of Dental Pain in Horses	Food Animal/Equine	Louise Marron	1	Signs of Oral pain are often subtle and difficult to discern. Current research has illuminated opportunities to recognize signs of pain in horses. The resulting tools can be used by veterinarians to better understand clinical implications of dental disease on the overall wellbeing of horses. This allows veterinarians to better serve patients and leverage information to motivate clients when treatment is indicated.
1069	Blood Pressure Monitoring and Management Under Anesthesia	Companion Animal Medicine	Turi Aarnes	1	This session will focus on monitoring blood pressure under anesthesia including different types of monitors and interpretation hypotension and associated complications and management of hypotension under anesthesia.
1645	Canine Lymphoma: Update on Diagnostics and Treatment	Companion Animal Medicine	Jenna Burton	1	Lymphoma in dogs is heterogenous group of lymphoid neoplasms. As we move beyond just categorizing lymphoma as either B cell or T cell it appears that some lymphoma subtypes may have different treatment recommendations and prognoses which may impact decision making for pet owners. In this session we will review commonly used diagnostics for canine lymphoma and discuss when ancillary diagnostics such as lymph node histology with immunohistochemistry flow cytometry and PCR antigen receptor rearrangement (PARR) can be helpful in identifying subtypes of lymphoma to better gauge patient prognosis. Treatment options for high-grade lymphoma will be briefly reviewed along with a more in-depth discussion of newer therapies such as Tanovea? and Laverdia?-CA1.
1077	Capnography: Reading the Waves	Veterinary Technology	Amanda Shelby	1	In this 1-hour lecture understand the importance of monitoring capnography. Focus on interpreting abnormal waveforms identifying their causes and implementing corrective measures. This is an interactive didactive presentation.
1427	Clinical Indications for Video Capsule Endoscopy in Dogs	Companion Animal Medicine	Tracy Hill	1	Video capsule endoscopy (VCE) is a novel imaging modality that allows for assessment of the gastrointestinal mucosa in dogs. This session will discuss

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					the advantages and disadvantages of VCE as compared to other imaging modalities in dogs to evaluate the etiology of chronic GI signs.
1810	Common Oral Pathology in Dogs and Cats	Companion Animal Medicine	Patrick Vall	1	Oral pathology particularly periodontal disease is the most common disease category in dogs and cats. Unfortunately these common problems frequently go undiagnosed and untreated. A basic understanding of normal anatomy is vital in recognizing the abnormal. The speaker will briefly review the anatomy of the tooth and surrounding periodontium. The stages of periodontal disease will be used as a backdrop for discussing the numerous treatment opportunities that coincide with each stage. When is a complete oral health and assessment treatment (COHAT) indicated? How is periodontium attachment loss diagnosed? When is closed root planing indicated? How does this differ from open root planing? When is gingival hyperplasia present and how is it treated? These are just a few of the diagnostic challenges that arise as periodontal disease progresses. Numerous other common oral pathologies will be covered including feline stomatitis feline juvenile gingivitis/periodontitis endodontic disease feline tooth resorption canine caries oral neoplasia and malocclusion. None of these conditions are rare. All of them are common and should be a part of the veterinarian's rule out list when diagnosing and treating oral pathology.
1067	CPR for the Anesthetized Patient	Companion Animal Medicine	Turi Aarnes	1	A review of current CPR guidelines and application to anesthetized patients will be discussed.
1429	Diagnosis and Therapeutic Management of Canine Urinary Incontinence	Companion Animal Medicine	Tracy Hill	1	This session will discuss canine urinary incontinence from various aspects including typical presentations with different underlying diseases utility of selected diagnostic tests and management strategies. Learning objectives:
1292	Emergency Stabilization for General Practitioners	Companion Animal Medicine	Kaitlyn Boatright	1	With pandemic stresses to workflow and staffing challenges in all areas of practice general practice (GP) and emergency (ER) clinics have been faced with overwhelming workloads. Across the country many GPs are booking weeks out for minor illnesses and often unable to accommodate same-day appointments leading clients to seek care at emergency facilities. As the overflow of cases has inundated already short-staffed ERs these clinics have been faced with unprecedented wait times. They have been forced to make difficult decisions to protect the mental health of their staff and maintain high levels of patient care often being forced to choose between turning

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					<p>patients away limiting their hours and/or closing their doors entirely. As a result general practitioners are being asked to play a bigger role in initial emergency assessment and stabilization. As a general practitioner managing emergency presentations can be overwhelming and intimidating. Reasons that GPs may not feel comfortable treating a critically ill pet or managing an emergency include minimal time or staff to appropriately treat the patient limitations in available equipment or medications and confidence level or fear of being judged by colleagues in the ER for the decisions they made or didn't make. This lecture will provide general practitioners with practical tips for initial evaluation and stabilization of emergency patients using a case-based approach. The speaker is a former emergency veterinarian and current general practitioner who understands the stresses and limitations of both sides of practice. We will review common emergency presentations to the veterinary hospital including blocked cats respiratory distress and trauma cases. Key points for client communication and tips to smooth the transfer process will also be discussed.</p>
1375	Endocrinology Updates for Equine Practitioners	Food Animal/Equine	Rebecca Funk	1	<p>This session provides a general overview of common endocrine diseases and disorders that affect horses. Topics include examination and assessment of the patient; diagnostic and monitoring tools; and treatment and management options that can be implemented in a clinical setting.</p>
1906	Equine Field Castrations and Managing Complications	Food Animal/Equine	Alison Gardner	1	<p>Castration is the most commonly performed equine elective surgery in the field. However complications such as post-operative swelling seroma and surgical site infection are fairly common secondary to the procedure. Life-threatening complications such as post-operative severe hemorrhage and evisceration require prompt recognition and triage prior to referral. Tricks and tips to performing a field castration will be discussed including anesthetic options surgical approaches and what to do in the event of a post-operative complication.</p>
1816	Feline Considerations in Dentistry	Companion Animal Medicine	Naomi Hoyer	1	<p>Often discussion of oral disease in cats is discussed less often than the diagnosis and treatment of oral disease in dogs. This presentation will focus on diseases seen in feline patients: Unique features of feline periodontal disease feline chronic gingivostomatitis and feline oral tumors.</p>
1523	Five Things Better Than a	Practice Management	Stephanie Goss	1	<p>Traditional performance reviews are often met with anxiety dread and even hatred by both the recipient of the review and the reviewer. They are often done too late in the game to facilitate any real impact or change for anyone.</p>

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	Performance Review				In this session we will cover 5 simple things you can do starting today with your team that will have the ability to immediately impact their performance and inspire growth in your team.
1402	Global FAST Differences in Cats and Feline Imaging Pearls	Companion Animal Medicine	Gregory Lisciandro	1	The combined used of AFAST TFAST and Vet BLUE in a standardized examination called Global FAST has important clinically relevant differences between cats and dogs that the sonographer should be aware. These differences occur in both the abdomen and thorax and are important for image acquisition and proper interpretation of findings. Cats are fragile when critical and imaging pearls such as elevating their forelegs freezing and rolling through frames saving cine clips and reviewing once the cat is in oxygen for imaging information missed in real-time and use of anxiolytics.
1403	Global FAST for Detecting Traditionally Difficult Conditions	Companion Animal Medicine	Gregory Lisciandro	1	The combined used of AFAST TFAST and Vet BLUE (lung) referred to as Global FAST serve as a means to screen for traditionally difficult conditions such as pulmonary hypertension pulmonary thromboembolism dilated cardiomyopathy cardiac masses caval syndrome and left atrial rupture from chronic mitral valve disease. The prevalence of these diseases was likely under-reported because in the past point-of-care ultrasound was not being used as a first line-screening test and unless the patient survived and then was scheduled for advanced imaging by a clinical specialist. With the widespread use of point-of-care ultrasound it is important to know how to screen for these traditionally difficult conditions. The wedge sign is a newly described sign the speaker has published in the veterinary literature.
1818	How to Handle Fractured Teeth Recommendations in General Practice and Bonded Sealants	Companion Animal Medicine	Kevin Stepaniuk	1	An intraoral photographic and radiographic presentation of fractured teeth dentin-pulp complex and treatment recommendations for the AVDC tooth fracture classification will be present for the general practice. Understanding the types of tooth fractures and treatment recommendations and recommended treatments will be reviewed. Bonded sealants in general practice to increase the level of dentistry care that can be provided to the primary care patients will be introduced.
1087	Intro to Transfusion Medicine	Veterinary Technology	Jordin Tillison	1	This topic will cover k-9 and feline transfusion indications including contraindications. Different types of transfusion reactions will also be covered. Recommended transfusion monitoring protocols and prevention measures to ensure a safe transfusion. Transfusion dosages with component therapy and the rule of 1's will be lectured on. K-9 and feline blood typing typing methods crossmatching and component therapy will be

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					covered. New findings to consider in transfusion medicine including DAL and MIK
1761	It's Not Always Allergies! Great Pretenders in Cats	Companion Animal Medicine	Alicia Webb Milum	1	Not every itchy cat has allergies! This interactive lecture works through a case series of itchy cats to explore the diversity of conditions with the presenting complaint of pruritus.
1760	It's Not Always Allergies! Great Pretenders in Dogs	Companion Animal Medicine	Alicia Webb Milum	1	Not every itchy dog has allergies! This interactive lecture works through a case series of itchy dogs to explore the diversity of conditions with the presenting complaint of pruritus.
1318	Kitties in Crisis – Emergency Care for Cats	Veterinary Technology	Erica Brandt	1	A presentation on recognizing an emergency in feline patients including recognizing shock. Learning objectives: Aid in Veterinary technicians' recognition of feline patients in need of emergency care and be a proactive team player in the initiation of treatment.
1395	Making Sure Your Handling Skills Are Feline Friendly	Veterinary Technology	Paula Plummer, Kelly Foltz	1	This session will discuss tips on how to make your practice feline friendly with new techniques for feline friendly handling and restraint. There will be demonstration videos so attendees can view demonstrations of handling feline patients safely. Lastly the presentation will end with discussions on feline body language.
1066	Managing Anesthetic Errors: Treatments and Prevention	Companion Animal Medicine	Turi Aarnes	1	Discussion of anesthetic patient management types of errors associated with anesthesia management of errors and associated complications and error prevention.
1748	Maximizing Diagnostic Choices: Chronic Kidney Disease in the Era of New Biomarkers	Companion Animal Medicine	Rebekah Mack-Gertig	1	In a time when diagnostics to discover monitor and treat kidney disease in companion animals continues to expand this lecture will provide a comprehensive approach to both acute and chronic kidney disease with a focus on how to integrate this into practice thoughtfully in a step wise and informed approach.
1401	Medically-Treated Anaphylactic Hemoperitoneum: A Complication Every Vet Should Know	Companion Animal Medicine	Gregory Lisciandro	1	The canine species has a unique medically-treated hemoperitoneum complication associated with single insult anaphylaxis. An accurate diagnosis involving the integration of both historical clinical and sonographic findings (anaphylactic gallbladder versus the cardiac gallbladder) are integral for arriving at an accurate diagnosis while also dictating medical treatment. Anecdotally it is unlikely these dogs will survive surgical intervention with intraoperative findings lacking any discreet bleeding vessels but rather hepatomegaly with hepatic congestion

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					with capsular oozing of blood. Clinical findings including coagulation profiles and therapy to correct the acquired coagulopathy will be covered. This new entity was first described in the veterinary literature by the speaker.
1934	My Trauma Patient is in Shock! What Now?	Companion Animal Medicine	Kelly Hall	1	By the end of the session the attendee will be able to: 1. Understand and apply current volume resuscitation strategies for the acutely hemorrhaging trauma patient
1815	Oral Tumors in Dogs and Cats: A Practical Approach	Companion Animal Medicine	Naomi Hoyer	1	Oral tumors in dogs and cats are commonly encountered in primary care hospitals. Diagnostic plans for commonly encountered oral tumors will be discussed and treatment options and clinical approaches will be reviewed. A case-based approach to oral tumors in the dog and cat will be highlighted. The partnership between primary care clinicians and referral veterinary dental practices will be discussed.
1821	Oronasal Fistula Repair – Don't Make It Difficult!	Companion Animal Medicine	Kevin Stepaniuk	1	A step-by-step presentation with clinical photographs will be presented for identifying and treating common maxillary canine tooth oronasal fistulas in the dog. A single buccal mucoperiosteal technique will be presented to teach the participant the key principles to have a successful repair with the first surgery. Recognition pathophysiology treatment principles and post-operative care will be outlined for success.
1903	Pregnancy Diagnosis in Small Ruminants	Food Animal/Equine	Clare Scully	1	This session reviews the tests available to diagnose pregnancy in small ruminant. A general overview of equipment basic techniques field applications interpretation of the results and recent advances will be presented.
1457	Preparing the Food Supply System for the Next Big Thing	Public and Corporate Practice	John Gibbins	1	The impact on workers of the Coronavirus Disease 2019 (COVID-19) pandemic throughout the food supply chain has been well documented. Surging inflation and worldwide supply chain shortages has further stressed our food supply system. The war in Ukraine has also impacted the global food supply and the cost of fuel and fertilizer. Future potential events such as the introduction of a foreign animal disease (FAD) or act of agroterrorism require ongoing planning and preparation. These events have highlighted the interconnectedness of the food supply system and how current and future events have the potential to disrupt both our economy and food supply. This presentation will highlight recent initiatives within the Centers for Disease Control and Prevention (CDC) and the National Institute for Occupational Safety and Health (NIOSH) to address safety and health in this critical worker population. This presentation will also highlight the roles

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					and responsibilities of veterinarians throughout the food supply system. Some examples include: • Clinical veterinarians maintaining a high index of suspicion for FAD and maintaining herd health • Veterinarians working as epidemiologists • Veterinarians working in agriculture and public health at the local state national and international levels • Veterinarians working in food system-related industries • Veterinarians working in research and academia to develop next diagnostics and therapeutics and to educate the next generation
1384	Rational Use of Steroids in Small Animal Practice	Companion Animal Medicine	Lawren Durocher-Babek	1	Steroids are one of the most commonly prescribed medications in small animal practice. In this lecture we will discuss an overview of steroids in general as well as their beneficial and negative effects. We will discuss when it is reasonable to do a treatment trial with the steroids how to choose the dosage and how to deal with the side effects of steroids.
1438	Small Ruminant Blood Transfusions in the Field	Food Animal/Equine	Jeremy Redmond	1	Small Ruminant blood transfusions can be necessary related to GI parasitism trauma and other causes. Often these are referred to hospitals to be performed but these can also be done in an ambulatory setting with some basic supplies. In this talk some general discussions about causes for severe blood loss will be mentioned that will lead into discussion on considerations for performing blood transfusions and the transfusion procedure itself focused on a field setting.
1822	Staging Dental Procedures in General Practice – Why Why Not When?	Companion Animal Medicine	Kevin Stepaniuk	1	The presentation will discuss the challenges of dental and oral pathology surprises and planning dental procedures in the busy general practice. It will discuss trying to balance appropriate treatment to alleviate pain and suffering in pets financial costs to the client financial and time costs to the clinic the busy practice caseloads and finding balance of life for staff and clinicians. It will present potential case flow and practice ideas to better serve clients provide care and treat patients thereby increasing revenue in general practice when surprises of dental pathology occur. Communication and expectations to educate clients will be presented.
1518	Street Medicine: Providing Care in Low Resource Settings	Public and Corporate Practice	Jon Geller	1	Street Medicine describes the delivery of veterinary care in a low resource setting and focuses on providing care to unsheltered pet owners and others who cannot afford traditional veterinary care. This program will provide an overview of homelessness in the US and how it affects unsheltered pet owners. Topics including barriers and access to care the need for co-housing One Health outreach and the nuts and bolts of effectively delivering basic veterinary care. A special focus will be made on the plight of homeless

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					veterans living on the streets with their pets and how their pets may provide purpose in an otherwise purposeless life.
1383	The Cushing's Conundrum: When Should We Test How Should We Test and What Do We Do With the Results?	Companion Animal Medicine	Lawren Durocher-Babek	1	Cushing's Syndrome is one of the most confusing syndromes to diagnose and manage in small animal practice. The diagnosis and treatment of Cushing's is not just a science but an art. You need to determine when you should test how you should test and what you should do with the results. In this lecture we will discuss a rational approach to Cushing's Syndrome including a step wise approach to testing and treatment. We will also discuss what to do when the test results don't match your patient.
1127	The Role of Nutrition in Cardiac Patients	Veterinary Technology	Nicola Lakeman	1	The potential links between diet and Dilated Cardiomyopathies (DCM) has been widely reported in the media but what is the actual evidence? There is a lot of misinformation and many owners need guidance on correct nutritional advice.
1399	The Tale of 4 Felines – The Use of Vet BLUE and TFAST in the Respiratory Distress	Companion Animal Medicine	Gregory Lisciandro	1	Respiratory patterns and lung auscultation are indirect means of sorting through various common causes of respiratory distress in felines and radiography is risky. We will discuss the Tale of 4 Felines including feline asthma left-sided congestive heart failure pleural effusion and metastatic disease. Each cat has similar breathing patterns of nostril flaring and abdominal breathing that are rapidly categorized with evidence-based information through the rapid (< 2 minutes) standardized use of point-of-care ultrasound imaging using Vet BLUE® and TFAST®. Clinical pearls for imaging cats will also be discussed including coupling medium positioning and other tricks of the trade.
1367	They Are Talking Tech and I Don't Speak IT	Practice Management	Nancy Dewitz	1	Broad based discussion on all electronic considerations for practices as it relates to Information Technology. What should a practice be aware of that can be of a benefit for them in the marketplace. All too often the computer company comes to the practice with all sorts of information. Ways to spend money. If there is not understanding on both sides regarding the "why" on the spend it just won't happen. Or a purchase is made only later to find out maybe that is not in the best interest of the business but was great for the IT group. Gaining a basic knowledge of the why and what different technology can mean to the practice is very helpful when making business decisions. Why would one capture a signature electronically? How beneficial can a color printer be? How does communication through technology reflect their business values? What is in the market and how can you gain the competitive edge by following some easy direction? Why does

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					what is up front count for what the client doesn't see? How does one go about taking care of all this technology once it is installed? This session would be a good session for those building new remodeling or looking to take the practice to the next level.
3013	Track Measure and Adjust Your Marketing Plan: A Deep Dive Into Evaluating Your Marketing Success	Practice Management	Bill Schroeder	1	Effective marketing is not easy but should not be a mystery. These sessions have been designed to take attendees on a journey that will prepare them to reach their target audience of local pet owners with the information needed for them to be loyal compliant participants in the care of their pets. Attendees can expect to learn techniques that can be implemented immediately valuable tips used by expert veterinary marketers and just enough humor to make learning fun.
1546	Transitioning into a Leadership Role: Finding the Tools You Need to Lead	Professional Development	Eva Evans, Kimberly Ann Therrien	1	By the end of this session participants will be able to: <ul style="list-style-type: none"> • Understand the different types of leadership styles • Determine what aspects of leadership they want to embody and the tools needed to help them manage their teams • Learn from women panelists in leadership roles
1625	Veterinary Support For Contract Research Organizations: Opportunities in Biomedical Research	Public and Corporate Practice	Danielle Adney, Mandy Pacheco	1	Novel pharmaceuticals for both humans and animals undergo rigorous testing and review prior to approval by the FDA. Preclinical animal studies are an essential early step in this process and are made possible by veterinary professionals. Those unfamiliar with preclinical research may wonder how exactly these studies are conducted. What regulatory guidelines dictate how these studies are completed? What role do veterinarians play? Contract Research Organizations (CROs) – and the veterinarians they employ – are an important tool for many academic groups biotech companies and governmental agencies in executing these studies. We will discuss the value of CROs in biomedical research highlight the contributions veterinarians make in these companies and present strategies for those interested in pursuing this rewarding career path.
1207	What Makes Dogs Tick: The Impact of Evolution and Domestication on Their Genes and the Human-Animal Bond	Public and Corporate Practice	Angela Hughes	1	Dogs and humans have co-evolved over many millennia in a mutualistic relationship. The close bond humans developed with dogs is evident in the archeological record dating back at least 14000 years. As these two species evolved together they both adapted to their environments and lifestyles. Genes involved in digestion neurological processes and even diseases like cancer show parallel evolutionary changes in both dogs and humans. This presentation will discuss the fascinating evolutionary history of “man’s best friend” and how their genetic adaptations have altered key aspects of the species impacting everything from the human-animal bond to nutrition to

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					disease predispositions. Understanding the unique physical and psychological needs of dogs can improve our ability to care for and bond with them.
1134	What Motivates You?	Professional Development	Wendy Hauser	1	Leadership teams within the veterinary hospital often struggle with employee engagement and motivation. Why are some team members motivated while others seem disengaged? Why does an incentive program work well then lose its appeal? This session incorporates new studies and science to explore how employers can help employees shift their motivational basis with the outcomes of increased productivity engagement purpose and fulfillment.
1276	Where Has All the Protein Gone? Diagnosing and Treating Hypoalbuminemia in Small Animal Patients	Companion Animal Medicine	Lawren Durocher-Babek	1	In this lecture we will discuss a rational step-wise approach to hypoalbuminemia. We will discuss how to diagnose the underlying cause and treat it effectively ranging from gold standard of care to the least expensive options available.