

**Bridging ECC and Internal Medicine: Advanced Knowledge for Urgent Patient Care**  
**Live Virtual Course | Date: November 19-20, 2025**

DAY 1 Wednesday, November 19, 2025		
Time (Mountain Time)	Topic	Presenter(s)
8:00 - 8:15 am	<b>Welcome and Introductions</b>	<i>Dr. Shane Bateman</i>
8:15 - 9:15 am	Triaging Respiratory Emergencies	<i>Dr. Alexa Bersenas</i>
9:15 – 10:15 am	High Flow Nasal Oxygenation- State of the Art	<i>Dr. Tiffany Jagodich</i>
10:15 – 10:30 am	<b>Break</b>	
10:30 – 11:30 am	Pleural Space and Lung Ultrasound Beyond Free Fluid and the Glide Sign	<i>Dr. Søren Boysen</i> <i>Dr. Serge Chalhoub</i>
11:30 am – 12:30 pm	Panel: Pearls of Wisdom- Respiratory Emergencies	<i>Dr. Alexa Bersenas</i> <i>Dr. Tiffany Jagodich</i> <i>Dr. Søren Boysen</i> <i>Dr. Serge Chalhoub</i>  <i>Moderator:</i>

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DAY 1 (continued) Wednesday, November 19, 2025		
Time (Mountain Time)	Topic	Presenter(s)
12:30 – 1:30 pm	<b>Lunch Break</b>	
1:30 – 2:30 pm	Fluid Resuscitation of Shock Syndromes	<i>Dr. Xiu Ting Yiew</i>
2:30 – 3:30 pm	<p>Don't Be Shocked: Rational Use of Vasopressors and Inotropes for the Treatment of Vasodilatory Shock</p> <ul style="list-style-type: none"> <li>• Understand the pathophysiology of vasodilatory shock, including the mechanisms causing decreased systemic vascular resistance and cardiac contractility</li> <li>• Compare and contrast the mechanisms of action among the common vasopressors and inotropes and how they influence hemodynamic parameters</li> <li>• Select and titrate the most appropriate vasopressor or inotropic therapy for a small animal patient with vasodilatory shock using the scientific evidence available in humans and small animals.</li> </ul>	<i>Dr. Deborah Silverstein</i>
3:30 – 3:45 pm	<b>Break</b>	
3:45 – 4:45 pm	The Role of Lactate in Clinical Decision-Making	<i>Dr. Patricia Rosenstein</i>
4:45 – 5:45 pm	Panel: Pearls of Wisdom- Shock Resuscitation	<i>Dr. Xiu Ting Yiew</i> <i>Dr. Deborah Silverstein</i> <i>Dr. Patricia Rosenstein</i>  Moderator:
5:45 pm	<b>Close Day 1</b>	

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<b>DAY 2</b> <b>Thursday, November 20, 2025</b>		
Time (Mountain Time)	Topic	Presenter(s)
8:00 – 8:15 am	<b>Welcome</b>	<i>Dr. Shane Bateman</i>
8:15 – 9:45 am	Antithrombotics: What, When, Why and How? <ul style="list-style-type: none"> <li>• Understand the pathophysiology of thrombosis and its implications in critically ill veterinary patients</li> <li>• Identify appropriate indications for anticoagulant and antiplatelet therapy, considering patient-specific risks and benefits</li> <li>• Develop strategies for monitoring anticoagulation efficacy and managing complications such as hemorrhage in critically ill patients.</li> </ul>	<i>Dr. Robert Goggs</i> <i>Dr. Julien Guillaumin</i>
9:45 – 10:45 am	Managing Refractory Acute Seizure Activity <ul style="list-style-type: none"> <li>• Relate the appropriate diagnoses (status epilepticus, cluster seizures, drug resistance, and nonconvulsive seizures) to the presentation of refractory acute seizures</li> <li>• Understand how refractory seizures arise and why these present diagnostic and treatment challenges</li> <li>• Apply spectrum of care diagnostic and treatment options.</li> </ul>	<i>Dr. Fiona James</i>
10:45 – 11:00 am	<b>Break</b>	
11:00 am – 12:30 pm	Panel: Feline Urinary Emergencies (Ureteral Obstructions- Blocked Cats- Oligoanuric AKI)	<i>Dr. Serge Chalhoub</i> <i>Dr. JD Foster</i> <i>Dr. Marilyn Dunn</i>  <i>Moderator:</i>
12:30 – 1:30 pm	<b>Lunch Break</b>	
1:30 – 2:30 pm	Management of Sodium Disorders <ul style="list-style-type: none"> <li>• Understand the physiological principles governing sodium and water balance, including osmoregulation and volume regulation</li> <li>• Recognize and differentiate between acute and chronic dysnatremias in veterinary patients, using diagnostic and clinical evaluation techniques</li> <li>• Develop appropriate treatment plans for hyponatremia and hypernatremia, with a focus on safe correction strategies to prevent adverse neurological outcomes.</li> </ul>	<i>Dr. Julien Guillaumin</i>

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DAY 2 (continued) Thursday, November 20, 2025		
Time (Mountain Time)	Topic	Presenter(s)
2:30 – 3:30 pm	Management of Calcium Disorders <ul style="list-style-type: none"> <li>• To enable the clinician to suspect these disorders by their clinical signs</li> <li>• To guide the clinician through the logical steps needed for making the correct clinical diagnosis</li> <li>• To teach the fundamentals of treatment required to successfully manage these disorders.</li> </ul>	<i>Dr. Michael Schaer</i>
3:30 – 3:45 pm	<b>Break</b>	
3:45 – 4:15 pm	Strong Ions- Who Cares? <ul style="list-style-type: none"> <li>• Explain the fundamental principles of the strong ion approach to acid-base balance and how it differs from traditional bicarbonate-based models</li> <li>• Apply strong ion concepts to the interpretation of acid-base disturbances in critically ill veterinary patients to guide more precise treatment strategies.</li> </ul>	<i>Dr. Shane Bateman</i>
4:15 – 5:45 pm	Panel: Managing Electrolyte Disturbances in Endocrine Emergencies (Addison's, DKA, Hyperaldosteronism)	<i>Dr. Julien Guillaumin</i> <i>Dr. Michael Schaer</i> <i>Dr. Shane Bateman</i>  <i>Moderator:</i>
5:45 pm	<b>Closing Remarks</b>	