









# Emergency and Critical Care Continuing Education 2021-2022


Date	Type	Resident	Faculty	Section	Topic	Resources
Board Review occurs every Tuesday from 3:00 - 4:30pm and Thursday from 3:00 - 4:00pm. Location: Room S2-108 (second floor tutor room)  Zoom link: <a href="https://cornell.zoom.us/j/97831713077?pwd=VE5UdC9jaFIBQ3pXTzVpUC9NVnVsQT09">https://cornell.zoom.us/j/97831713077?pwd=VE5UdC9jaFIBQ3pXTzVpUC9NVnVsQT09</a> Meeting ID: 978 3171 3077 Password: eccboard Recordings of all sessions will be available on the ECC Resident Orientation Canvas site.						
7/27/21	BR	All	DF, SR, JF, NP	Meeting with residents	Board Review	
8/3/21	BR	JSands		Musculoskeletal & Integument	Anatomy & physiology of the skin	Constanzo & Dukes <a href="#">BSAVA Structure and function of the skin</a>
8/10/21	BR	TW		Musculoskeletal & Integument	Burns, Immune Mediated Skin Disease	<a href="#">Severe burn injury, burn shock, and smoke inhalation injury in small animals. Part 1_ Burn classification and pathophysiology.pdf</a>  <a href="#">Severe burn injury, burn shock, and smoke inhalation injury in small animals. Part 2_ diagnosis, therapy, complications, and prognosis.pdf</a>
8/17/21	BR	All	Boesch	Guest Talk: Anesthesia	Sedation in the ER	
8/24/21	BR	All	Robbins	Renal Physiology	Review Part 2	
8/31/21	BR	All	All	IVECCS Abstract Presentations	Williams & Herrera presenting to the group	
9/7/21	BR	All	DF	Ventilation Basics  <b>**In Sim Lab**</b>	Interactive session ventilator mechanics & waveforms	Please watch: <a href="#">Video 1</a> (8 minutes) <a href="#">Video 2</a> (5:45 minutes)
9/14/21	---	---	---	IVECCS 2021	No meeting this week	---
Start two meetings per week: Board Review every Tuesday from 3:00 - 4:30pm. Additional Session every Thursday from 3:00 - 4:00pm.  Faculty have a meeting the first Thursday of every month.  Zoom link: <a href="https://cornell.zoom.us/j/97831713077?pwd=VE5UdC9jaFIBQ3pXTzVpUC9NVnVsQT09">https://cornell.zoom.us/j/97831713077?pwd=VE5UdC9jaFIBQ3pXTzVpUC9NVnVsQT09</a> Meeting ID: 978 3171 3077 Password: eccboard Recordings of all sessions will be available on the ECC Resident Orientation Canvas site.						
9/21/21	BR	All	All	IVECCS 2021	"What I learned at IVECCS 2021" presented by all those who attended	<a href="#">What I learned at IVECCS 2021 Herrera.pdf</a>
9/23/21	BR	POSTPONED to next week				
9/28/21	BR	KS		GI/Hepatobiliary	Anatomy & Physiology of the GI, pancreas, & hepatobiliary tract	Ex. textbooks: Guyton, Constanzo <a href="#">Anatomy &amp; Physiology of the GI, pancreas, &amp; hepatobiliary tract.pptx</a>
9/30/21	AS	JSelman		GI/Hepatobiliary	GI toxins, GI ulcers, GI hemorrhage	SACCM - Chapter 119 <a href="#">GI toxinhemorrhage.pptx</a>



10/5/21	BR	SD	JF (on ER)	GI/Hepatobiliary	GDV	<a href="#">GDV BR questions .docx</a> <a href="#">GDV.pptm</a> <div data-bbox="875 212 1380 714">   2020.Block V.GD...tal Reading.pdf </div> <div data-bbox="875 720 1380 1224">   2020.Block V.GDV.pdf </div>
10/7/21	AS	All	All	<b>Vent Sim 1/2</b>	Basic Ventilator Modes (AC, SIMV, CPAP/PS)	<a href="#">Basic Vent Mode Video</a> <a href="#">Pressure vs. Volume Control</a> <a href="#">SIMV Diagram</a>
10/12/21	BR	TC	JF	GI/Hepatobiliary	Pancreatitis, vomiting, ileus, drugs of the GI tract (antiemetics, prokinetics, gastroprotectants)	
10/14/21	AS	All	All	<b>Vent Sim 2/2</b>	Advanced Ventilator Modes (PRVC, APRV, HF)	<a href="#">Advanced Vent Video</a>



10/19/21	BR	PS		GI/Hepatobiliary	<p>Pathophys &amp; Treatment of Acute Liver Injury &amp; Failure</p> <p>Hepatotoxins &amp; Treatment of (antioxidants, charcoal, cholestyramine, etc)</p>	 <p>Acute liver injury &amp; Failure.pptx</p>
10/21/21	AS	BL		Consensus Review: GI /Hepatobiliary	<p>ACVIM consensus statement: Support for rational administration of gastrointestinal protectants to dogs and cats</p>	 <p>ACVIM Consensus...roTECTANTS.pptx</p>
10/26/21	BR	NH		GI/Hepatobiliary	<p>Portosystemic Shunts</p>	<p>Treatment of congenital EPSS in dogs: systemic review &amp; meta-analysis: <a href="https://onlinelibrary.wiley.com/doi/epdf/10.1111/jvim.15607">https://onlinelibrary.wiley.com/doi/epdf/10.1111/jvim.15607</a></p> <p>Ch. 284 Hepatic Vascular Anomalies - Ettinger's Textbook of Vet. Int. Med. 8th Ed</p> <p><a href="#">Canine intrahepatic portosystemic shunt insertion into the systemic circulation is commonly through primary hepatic veins as assessed with CT angiography.pdf</a></p> <p><a href="#">ANATOMY OF EXTRAHEPATIC PORTOSYSTEMIC SHUNTS IN DOGS AS DETERMINED BY COMPUTED TOMOGRAPHY ANGIOGRAPHY.pdf</a></p> <p><a href="https://veteriankey.com/hepatic-vascular-anomalies/">https://veteriankey.com/hepatic-vascular-anomalies/</a></p> <p>Portosystemic Shunts.pptx</p>
10/28/21	AS	All	<b>Denae Campanale</b>	Guest Talk: GI /Hepatobiliary	<p>Practice Abdominal Radiographs: To cut or not to cut?</p>	<p><a href="#">Powerpoint with cases</a></p>

11/2/21	BR	CZ		GI/Hepatobiliary	Giardia, Coccidia, other parasitic /bacterial/fungal infections	Sykes or Greene Infectious Disease texts: Giardia, Coccidia, Clostridial diarrhea, Campylobacter, Salmonella, Salmon Poisoning, Pythium, Histoplasma  Fecal Parasites.docx <a href="https://cornell.box.com/s/xlxi5wm36p3gg30g3em96sajzkh35juq">https://cornell.box.com/s/xlxi5wm36p3gg30g3em96sajzkh35juq</a>
11/4/21	AS	JB, EC, MS, MH	All	Topic Lit Review: GI/Hepatobiliary	JB: JVECC EC: JVIM MS: JAVMA MH: Vet Surg	
11/9/21	BR	All	Forbes	GI/Hepatobiliary	Faculty Led Review Session	
11/11/21	AS	TW, JSands, PS, BL	All	Traditional Literature Review: Summer 2021	TW: JVECC JSands: JVIM PS: JAVMA BL: Vet Surg	<a href="#">Vet Surg Aug 2021- Nov 2021.docx</a> <a href="#">JVECCS Aug - Nov 2021.pdf</a> <a href="#">Summer JVIM.docx</a>


11/16/21	BR	MS	RG	Coagulation	Primary hemostasis	<div>  <p>JSAP - abnormal p...elet activity.pdf</p> </div> <div>  <p>JVECC - platelet hyperactivity.pdf</p> </div> <div>  <p>JVECC -primary h...tasis review.pdf</p> </div>
11/18/21	AS	All	NP	Benchmark Exam	---	---
11/23/21	BR	---	---	Thanksgiving Week	No meeting this week	---
11/25/21	AS	---	---	Thanksgiving Week	No meeting this week	---
11/30/21	BR	JB	SR	Coagulation	Cascade and cell based	<a href="#">Hemostasis Video - watch BEFORE session</a>

12/2/21	BR 1.5 hour!	EC	JF	Coagulation	Coagulation testing (PT/PTT, DIC, TEG, PFA, Xa)	 Coagulation Tes...oy_12.2.21.pptx
12/7/21	JC 1 hour!	KS	DJF	Journal Club	Faculty to pick paper	<a href="#">Nagahara PLE Thromoelastometry Paper</a> <a href="#">Questions to answer for Journal Club session</a>
12/9/21	AS	SD	NP	Drug Practice: Coagulat ion	Antiplatelets & Anticoagulants (MOA, indications)	<a href="#">Antiplatelets and anticoagulants br.pptx</a>
12/14/21	BR	MH	GLS	Coagulation	Endothelium	
12/16/21	AS	JSelman		Consensus Review: Coagulat ion	CURATIVE Guidelines	 CURATIVE presentation.pptx
12/21/21	BR	BL		Coagulation	PTE	 Pulmonary Throm...boembolism.pptx




12/23/21	AS	---	---	Winter Holiday	No meeting this week	---
12/28/21	BR	---	---	Winter Holiday	No meeting this week	---
12/30/21	AS	---	---	Winter Holiday	No meeting this week	---
1/4/22	BR	JSands	GLS	Coagulation	Heat stroke (hypo /hyperthermia)	SACCM Chaps 148, 149 <a href="#">JVECC Heatstroke Review</a> <a href="#">NEJM Heatstroke Review</a> <a href="#">JVECC Hypothermia Review</a> <div>             Hyper-hypothermia.pptx         </div>
1/6/22	BR	All	Goggs	Coagulation	Faculty Led Review Session: Part 1	
1/11/22	AS	NH, PS, CZ		Topic Lit Review: Coagulation	NH: JVECC PS: JVIM CZ: JAVMA	<div>             Splenectomy hype...bility paper.pdf         </div> <a href="https://avmajournals.avma.org/view/journals/javma/242/4/javma.242.4.516.xml">https://avmajournals.avma.org/view/journals/javma/242/4/javma.242.4.516.xml</a> <a href="https://avmajournals.avma.org/view/journals/javma/256/10/javma.256.10.1137.xml">https://avmajournals.avma.org/view/journals/javma/256/10/javma.256.10.1137.xml</a> <a href="#">Evaluation of pointofcare coagulation tests as alternatives to antiXa activity for monitoring the anticoagulant effects of rivaroxaban in healthy dogs.pdf</a> <a href="#">Multicenter investigation of hemostatic dysfunction in 15 dogs with acute pancreatitis. pdf</a> <a href="#">In vitro effects of lactated Ringer's solution, hypertonic saline, hydroxyethyl starch, hypertonic saline_hydroxyethyl starch, and mannitol on thromboelastographic variables of canine whole blood.pdf</a> <a href="#">Recent JVECCs Articles on Coagulation.pdf</a>



1/13/22	AS	TC, EC, MS, JB	All	Traditional Literature Review: Fall 2021	TC: JVECC EC: JVIM MS: JAVMA JB: Vet Surg	<div>   JVIM Abstracts ...ember 2021.docx </div> <div>   JVIM Abstracts S...ctober 2021.docx </div>
1/18/22	BR	---	---	Meeting cancelled	---	---
1/20/22	AS	All	Goggs	Coagulation	Faculty Led Review Session: Part 2	Send in MCQ on GI/hepatobiliary and Coagulation
1/25/22	BR	TW		Cardiology	Cardiac Physiology	<a href="#">Cardiovascular physiology.pptx</a>
1/27/22	BR on Thursday	KS		Cardiology	ECG: Physiology of ECGs, rhythm disturbances, treatment of arrhythmias (drugs - MOA, pacemaker, cardioversion, ablation)	
2/1/22	BR	---	---	Meeting cancelled for resident interviews	---	---
2/3/22	AS	TW	Peterson	Cardiology	Pulmonary Hypertension	





2/8/22	BR	JSelman		Cardiology	The Cardiac Cycle, Hemodynamic Waveforms, Monitoring Cardiac Output	 Cardiopres.pptx
2/10/22		All		---	CUHA Resident Selection - CUHA residents and faculty	
2/15/22	BR	SD		Cardiology	CHF: physiology, biomarkers, treatment (drug indication & MOA)	<a href="#">CHF.pptx</a>
2/17/22	AS	EC + MH		Consensus Review: Cardiology	ACVIM consensus guidelines for the diagnosis and treatment of myxomatous mitral valve disease in dogs  and  ACVIM consensus statement guidelines for the classification, diagnosis, and management of cardiomyopathies in cats	
2/22/22	BR	TC		Cardiology	ARVC, DCM, HCM, RCM	
2/24/22	AS	All	All	<b>Vent Sims (1/3)</b>		
3/1/22	BR	PS	JF	Cardiology	ATE	
3/3/22	AS	All	All	<b>Vent Sims (2/3)</b>		
3/8/22	<b>AS on Tuesday</b>	All	All	<b>Vent Sims (3/3)</b>		
3/10/22	<b>BR on Thursday</b>	---	---	<b>Cardiology</b>	<b>Rescheduled</b>	
3/15/22	BR	All	Peterson	Cardiology	Faculty Led Review Session	
3/17/22	AS	NH/ JSands		Pericardial space disease/  Drug Practice: Cardiology	Review of cardiac medications and their MOA, receptors, etc.  <a href="#">Blank Cardio Drugs Chart</a> SACCM Chapt 157, 158, 171 <a href="#">Silverstein et al 2015. Choice of vasopressors in septic shock</a>	

3/22/22	BR	CZ		Respiratory	Physiology	 Resp physiology.pptx
3/24/22	AS	NH, KS, MH, JSelman	All	Traditional Lit Review: Winter 2021/2022	NH: JVECC KS: JVIM MH: JAVMA JSelman: Vet Surg	 Traditional Lit R...2021 to 2022.docx
3/29/22	BR	MS		Respiratory	Ventilator Mechanics /Waveforms	
3/31/22	BR	JMF	Forbes	<b>Extracorporeal Therapies</b>	<b>Extracorporeal Therapies - TBD</b>	
4/5/22	BR	JB		Respiratory	Respiratory monitoring	
4/7/22	BR			No meeting		
4/12/22	BR	SD		Respiratory	ARDS/ALI	<a href="#">ALI and ARDS.pptx</a>
4/14/22	BR	Campanale	-	Respiratory	<b>Thoracic Radiography</b>	pptx emailed
4/19/22	BR	MH		Respiratory	Upper Airway Disease	
4/21/22	AS	TW		<b>Journal Club</b>	CRP Article, Not presented	
4/26/22	BR	BL		Respiratory	Lower Airway Disease	

4/28/22	AS	TC		Consensus Review: Respiratory	Antimicrobial use Guidelines for Treatment of Respiratory Tract Disease in Dogs and Cats: Antimicrobial Guidelines Working Group of the International Society for Companion Animal Infectious Diseases	<div>  <p>Antimicrobial Us...gs and Cats.pptx</p> </div> <div>  <p>Veterinary Intern...ct Disease in.pdf</p> </div>
5/3/22	AS	All	Fletcher	Respiratory	Vent Sim	
5/5/22	AS	All	Schoeffler	Respiratory	Faculty Led Review Session	
5/10/22	BR	JSands	JF	Renal/Acid Base	Renal physiology	<div>  <p>Renal AandP FINAL.pdf</p> </div>
5/12/22	AS	JB		Journal Club	Faculty to pick paper	
5/17/22	AS	All	NP	Benchmark Exam	---	---
5/19/22	BR	TW	JF	Renal/Acid Base	Electrolyte handling	<a href="#">Renal electrolyte balance.pdf</a>

5/24/22	BR	KS	SR	Renal/Acid Base	Albumin, Mg, Phos	 Albumin, Magnes...phorus (1).pptx
5/26/22	AS	All	GLS	<b>Vent Sims (1/3)</b>	"Fix The Vent"	
5/31/22		JSelman		Postponed to 6/2		
6/2/22	BR	JSelman	SR	Renal/Acid Base	Approaches to acid-base	 Presentation1 [Autosaved].pptx
6/7/22	BR	All	DF	Canceled	Faculty Led Review Session Renal/Acid Base	
6/9/22	AS	All	All	CUHA group	Intern Expectations	
6/14/22	BR	All	DF	Shock/Trauma /CPR	RECOVER and post resus	
6/16/22	AS	All	All	Canceled	CPR sims	
6/21/22	BR	TC	SR	Shock/Trauma /CPR	TBI, Ischemia-Reperfusion	

6/23/22	AS	CZ, SD, MS, BL	All	Traditional Lit Review: Spring 2022	CZ: JVECC SD: JVIM MS: JAVMA BL: Vet Surg	<div>  <p>Vet Surg April-May 2022.docx</p> </div> <div> <a href="#">review Feb-June 2022.docx</a> </div> <div>  <p>Spring 2022 Lit review.docx</p> </div> <div> <a href="#">June 2022 ACVIM presentation .docx</a> </div>
Board Review occurs once weekly, every Tuesday from 3:00 - 4:30pm, until after IVECCS Zoom link: <a href="https://cornell.zoom.us/j/91750720516?pwd=RE81a2N5cjB2S3ZGdGMwYXRmdDFNdz09">https://cornell.zoom.us/j/91750720516?pwd=RE81a2N5cjB2S3ZGdGMwYXRmdDFNdz09</a> Meeting ID: 917 5072 0516 Password: eccboard						
6/28/22	BR	All	DF	Shock/Trauma /CPR	Faculty lead review session	
7/5/22	BR	PS		Sepsis/Antibiotics	Pathophysiology Sepsis	
7/12/22	BR	NH		Sepsis/Antibiotics	Myocardial dysfunction in sepsis	
7/19/22	BR	CZ		Sepsis/Antibiotics	Hyperbilirubinemia sepsis	<a href="https://aasldpubs.onlinelibrary.wiley.com/doi/10.1002/hep.21480">https://aasldpubs.onlinelibrary.wiley.com/doi/10.1002/hep.21480</a> <a href="https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4944118/#R6">https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4944118/#R6</a>