



March 30-31, 2019

Master Clinical Neurology by Monday
With William Bush, VMD, DACVIM (Neurology)

Fill your coffee cups and get ready for an interactive day! Don't be afraid to shout out your thoughts as we review case examples.

Saturday			
TIME	Session Name	Description	Attended?
7:00-8:15 AM	Registration/Breakfast		
8:15-8:30 AM	Welcome		
8:30-9:15 AM	Neurolocalization	Discuss goals and execution of the neurological examination and then features of each distinctive neurolocalization unit in the nervous system (forebrain, brainstem, spinal cord, nerve and muscle). There will be a few case questions to reinforce these concepts.	0.75 hrs: ____
9:15-10:00 AM	Upper Motor Neuron vs Lower Motor Neuron	We will review the function of the spinal cord and neuromuscular system, compare and contrast each of them to assist in goal of neurolocalization and then review some cases to reinforce this concept. In this segment we will discuss a work up for a neuromuscular case.	0.75 hrs: ____
10:00-10:30 AM	Break/Visit exhibitors	Break/Visit exhibitors	
10:30-11:15 AM	The 5 Disk Diseases	We will discuss the common signalments, history, exam and MRI findings as well as prognosis and treatment for Type I, Type II, acute non-compressive (and compressive) nucleus pulposus extrusions, fibrocartilaginous emboli, and diskospondylitis.	0.75 hrs: ____
11:15 AM-12:00 PM	C Reactive Protein (CRP) in the Diagnosis and Management of Diskospondylitis	In this section, we will learn the usefulness of C reactive protein in diagnosis and management of diskospondylitis – this discussion will detail the use of CRP in steroid responsive meningitis arteritis, immune mediated polyarthropathy, pneumonia, and human vertebral osteomyelitis. This talk will then detail the	0.75 hrs: ____

		use of CRP in managing a BVNS retrospective cohort of diskospondylitis cases. The attendee will gain a sharper understanding of how to diagnose and treat diskospondylitis.	
12:00-2:00 PM	Lunch/Visit exhibitors	Lunch/Visit exhibitors	
2:00-3:30 PM	Vestibular Disease	This segment will be a detailed discussion of brainstem and vestibular function. The key elements, differentials and treatments for central and peripheral vestibular disease will be reviewed. We will cover non-vestibular eye movements like ocular flutter, convergent retraction pulses, and saccadic oscillations. Lastly, we will discuss recognition of high intracranial pressure and the basis behind the modified glasgow coma score.	1.5 hrs:___
3:30-4:00 PM	Break/Visit exhibitors	Break/Visit exhibitors	
4:00-5:30 PM	Inflammatory Disease of the Brain and Spinal Cord	Meningoencephalomyelitis of Unknown Etiology (MUE) is a common and fatal disease of the brain and spinal cord that can be successfully treated medically. This talk will define the disease and use case examples to explain the clinical characteristics, treatment options and prognosis with this disease.	1.5 hrs:___
5:30-7:30 PM	Welcome Reception	<i>Join us for premium cocktails, music, and a variety of delicious small bites!</i>	
Sunday			
TIME	Session Name	Description	Attended?
7:00-8:00 AM	Breakfast		
8:00-9:00 AM	Seizure versus Seizure-like Episodes	The next 3 hours will be a seizure mini-study course where we will address the pivotal questions of seizure management. In the first portion we will use extensive video-EEG cases which will improve the attendee ability to discern seizure from seizure like episodes. We will discuss the management of non-seizure episodic disorders like REM sleep disorder, Fly Biting, Panic attacks, and Narcolepsy.	1 hr:___
9:00-9:30 AM	Break/Visit exhibitors		
9:30-10:30 AM	Determining the Idiopathic vs. Structural Epilepsy before	Continuation of 3-hour seizure mini-course: The second section will move into	1 hr:___

	the use of advanced imaging, Management of Chronic Epilepsy	using the signalment, history and exam findings to determine likelihood of an epileptic seizure being from a structural cause versus idiopathic or primary cause. We will review the neurological exam noted when there is a forebrain lesion. Lastly, we will discuss strategies for the management of chronic epilepsy.	
10:30-11:00 AM	Break/Visit exhibitors		
11:00 AM-12:00 PM	How to Thwart A Life-Ending Seizure	Continuation of 3-hour seizure mini-course: Cluster seizure, convulsive and non-convulsive status epilepsy are associated with high rates of mortality. We will discuss diagnosis of these conditions with EEG and their pathophysiology. We will then discuss the use of pulse therapy and intranasal midazolam to reduce the incidence of these diseases.	1 hr: ____
12:00-2:00 PM	Conclude Visit Exhibitors	Conclude Visit Exhibitors	
			Total CE hours earned: (Max 9 hours) _____