

North American Neuroscience Course (Brain Camp)
July 30, 2022 - August 14, 2022
University of Florida | Gainesville, FL

Advanced Veterinary Neurosurgery DAY 1: Saturday, August 13, 2022		
Time (Eastern Time)	Topic	Presenter(s)
7:30-8:00 am	Registration	
8:00-9:00 am	Lecture: Brain Surgery – Frontal and Rostro Tentorial Approaches <ul style="list-style-type: none"> Recognize the essential landmarks and techniques associated with the frontal and rostro-tentorial approaches to the brain Consider essential elements necessary for successful brain surgery, including pre-operative planning, post operative considerations, client communication / understanding and goals of the surgery Consider advanced techniques associated with combined approaches, radical craniectomy, head trauma and cranioplasty, through knowledge of the foundation surgical approaches 	<i>Dr. Sean Sanders</i>
9:00-9:30 am	Break to prepare for lab Sponsored by Orthomed	
9:30am-12:30 pm	Skills Lab: Brain Surgery – Frontal and Rostro Tentorial Approaches <ul style="list-style-type: none"> Identify landmarks for and perform a transfrontal craniotomy Identify landmarks for and perform a rostrotentorial craniotomy Identify vital structures associated with each approach 	<i>Dr. Bob Bergman, Dr. Amy Fauber, Dr. Gabriel Garcia, Dr. Sean Sanders</i>
12:30-1:30 pm	Lunch Break Sponsored by Southeast Veterinary Neurology	
1:30-2:30 pm	Lecture: Craniocervical Junction Surgery – Atlantoaxial Stabilization, Foramen Magnum Decompression <ul style="list-style-type: none"> Gain competency in the surgical approach and techniques used to address Atlantoaxial Instability (AAI) Gain competency in the surgical approach and technique for a Foramen Magnum Decompression Gain competency in the procedures so that they may practice them in the associated lab 	<i>Dr. Gabriel Garcia</i>

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Advanced Veterinary Neurosurgery DAY 1 CONTINUED: Saturday, August 13, 2022		
Time (Eastern Time)	Topic	Presenter(s)
2:30-3:00 pm	Break to prepare for lab <i>Sponsored by Orthomed</i>	
3:00-6:00 pm	Skills Lab: Craniocervical Junction Surgery – Atlantoaxial Stabilization, Foramen Magnum Decompression <ul style="list-style-type: none"> Identify landmarks for and perform an atlantoaxial stabilization Identify landmarks for and perform a foramen magnum decompression Identify vital structures associated with each approach 	<i>Dr. Bob Bergman, Dr. Amy Fauber, Dr. Gabriel Garcia, Dr. Sean Sanders</i>

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Advanced Veterinary Neurosurgery DAY 2: Sunday, August 14, 2022		
Time (Eastern Time)	Topic	Presenter(s)
8:00-9:00 am	Lecture: Cervical Spinal Surgery – Dorsal Laminectomy, Stabilization <ul style="list-style-type: none"> Recognize indications for dorsal decompression Describe the anatomy for different approaches Be familiar with different methods of spinal fixation in the cervical spine 	Dr. Amy Fauber
9:00-9:30 am	Break to prepare for lab Sponsored by Orthomed	
9:30am-12:30pm	Skills Lab: Cervical Spinal Surgery <ul style="list-style-type: none"> Identify landmarks for and perform a dorsal laminectomy and its variations Identify landmarks for and perform a dorsal and/or ventral cervical stabilization Identify vital structures associated with each approach 	Dr. Bob Bergman, Dr. Amy Fauber, Dr. Gabriel Garcia, Dr. Sean Sanders
12:30-1:30 pm	Lunch Break Sponsored by Southeast Veterinary Neurology	
1:30-2:30 pm	Lecture: Pedicle Screw Fixation of the Thoracolumbar and Lumbosacral Spine <ul style="list-style-type: none"> Describe the basic components of the pedicle screw fixation system Identify conditions amenable to treatment with pedicle screw fixation Apply methods of application of pedicle screws in the vertebral column of small animals 	Dr. Bob Bergman
2:30-3:00 pm	Break to prepare for lab Sponsored by Orthomed	
3:00-6:00 pm	Skills Lab: Pedicle Screw Fixation of the Thoracolumbar and Lumbosacral Spine <ul style="list-style-type: none"> Identify landmarks for and perform a stabilization with pedicle screws in the thoracolumbar and/or lumbosacral spine Identify vital structures associated with each approach 	Dr. Bob Bergman, Dr. Amy Fauber, Dr. Gabriel Garcia, Dr. Sean Sanders

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