

## Neuro for Newbies

Dr. Jill Narak reviews neuroanatomic localizations and common diseases that the new veterinarian will encounter.

### Speaker Bio:

Dr. Jill Narak received a Bachelor of Arts in English and Biology from Creighton University in 2001. She was awarded a Doctor of Veterinary Medicine degree from Iowa State University College of Veterinary Medicine in 2005. Dr. Narak continued her education with an internship in Small Animal Medicine and Surgery (2006) and a residency in Neurology/Neurosurgery (2009) at Auburn University College of Veterinary Medicine. During her time at Auburn, Dr. Narak also earned a Master of Science degree in Biomedical Sciences. After completion of her residency, Dr. Narak joined the faculty at the University of Tennessee College of Veterinary Medicine. In 2012, she moved back to Alabama to begin a family and served as an assistant professor in the Department of Clinical Sciences at Auburn University. She was then in private practice in the Atlanta area prior to moving her practice to North Alabama. She has taught and trained thousands of veterinary students, interns, and residents. She currently practices at Huntsville Veterinary Specialists & Emergency in Huntsville, Alabama. Dr. Narak is member of American Veterinary Medical Association, Alabama Veterinary Medical Association, Madison County Veterinary Medical Association, American College of Veterinary Internal Medicine (ACVIM), Southeastern Veterinary Neurology Group, and a founding member of the Veterinary Neurosurgical Society. Additionally, Dr. Narak serves on the ACVIM-Education and Research Committee and is a visiting professor at St. George's University School of Veterinary Medicine in Grenada, West Indies. In addition to her clinical work and teaching, Dr. Narak has been published in the Journal of the American Veterinary Medical Association, American Journal of Veterinary Research, Veterinary Radiology and Ultrasound, and Case Reports in Veterinary Medicine. Her clinical interests include neurosurgery and she has expertise in the management of Chiari-like malformation and neuropathic pain.

### Learning Objectives:

1. Provide an accurate neuroanatomic localization given a patient's clinical signs and exam findings.
2. Manage seizures, nervous system trauma, and the pet with difficulty walking.
3. Understand the scope of neurology that can be performed in general practice compared to what would benefit from referral to a specialist.
4. Safely provide analgesia for the traumatized patient.

### Agenda:

- Neuroanatomic localization
  - Intracranial
  - Spinal cord
  - The periphery
- Seizures
  - Maintenance therapy
  - Emergency measures
  - Underlying considerations
- Nervous system trauma
  - Head/brain trauma
  - Traumatic spinal cord injury
  - Nerve injuries
- The down dog (or cat)
  - Common etiologies
  - Management concerns