



at The Hope Center for Advanced Veterinary Medicine
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Neurology

Our pets are commonly afflicted with various forms of neurologic disease including problems in the brain, spinal cord, muscles, and nerves. At VSC Neurology/Neurosurgery, we provide cutting edge medical and surgical treatment for your four-legged family members.

Veterinary Surgical Centers provides comprehensive medical and surgical care for small animals with neurological disorders of the brain, spinal cord, and peripheral nervous system. Neurosurgical procedures performed at VSC include craniotomies for tumors, infection, malformation and trauma of the brain, and spinal surgery for treatment of intervertebral disc disease, cervical sypondylomyelopathy (Wobbler's syndrome), lumbosacral disease, spinal cord/vertebral tumors, spinal fracture stabilization, and atlanto-axial malformation. VSC also treats all non-surgical forms of brain, spinal cord and neuromuscular disease.

VSC's Board-Certified Neurologist works with your primary veterinarian to determine the best course of treatment for your pet. VSC makes use of on-site digital radiography, CT scan, myelogram, and CSF collection and MR Imaging (MRI) available at a nearby facility to make a diagnosis. We provide our-patient and in-hospital patient care as needed. Post-operative or critically ill patients requiring hospitalization receive 24/7 care from the doctors and staff of The Hope Center.

Rehabilitation Services

As an added benefit to your pet's medical management or post-operative healing plan, we refer to our in-house Physical Rehabilitation Practitioner. Physical Rehabilitation is very important and beneficial to patients recovering from neurological disorders or surgical procedures. Our Rehab Specialist will work closely with you to create a physical rehab program tailored to your pet's needs.

VSC Manages Diseases Including:

- Epilepsy Care/Seizure Management
- Inflammatory Brain Disease
- Brain and Spinal Cord Infection
- Brain and Spinal Cord infarct (aka Stroke)
- Discospondylitis
- Disc Disease
- Steroid Responsive Meningitis
- Degenerative Myelopathy
- Fibrocartilaginous Embolization (FCE)
- Vestibular Disease
- Myasthenia Gravis

Common VSC Neurosurgeries

- Hemilaminectomies for Thoracolumbar Disc Herniation
- Ventral Slots for Cervical Disc Herniation
- Craniotomies/Brain Tumor Removal
- Spinal Cord Tumor Removal
- Spinal Fracture Stabilization
- Cervical Spondylomyelopathy (aka Wobbler's Disease)
- Cauda Equina/Lumbosacral Disease
- Atlanto-Axial Instability/Sub-Luxation