

Features:

- **Logical case description format** presents diseases in a manner that is similar to diagnosing and treating neurologic disorders in the clinical setting: 1) Description of the neurologic disorder; 2) Neuroanatomic diagnosis and how it was determined, the differential diagnosis, and any ancillary data; and 3) Course of the disease, the final clinical or necropsy diagnosis, and a brief discussion of the syndrome.
- **More than 380 videos** on a companion website hosted by the Cornell University College of Veterinary Medicine bring concepts to life and clearly demonstrate the neurologic disorders and examination techniques described in case examples throughout the text.
- **More than 250 high-quality radiographs and over 800 vibrant color photographs and line drawings** depict anatomy, physiology, and pathology, including gross and microscopic lesions, and enhance your ability to diagnose challenging neurologic cases.
- **High-quality, state-of-the-art MRI images** correlate with stained transverse sections of the brain, showing minute detail that the naked eye alone cannot see.
- **A detailed *Video Table of Contents*** in the front of the book makes it easier to access the videos that correlate to case examples.

New To This Edition:

- **NEW case descriptions** offer additional practice in working your way through real-life scenarios to reach an accurate diagnosis and an effective treatment plan for neurologic disorders.
- **NEW! Content updates** reflect the latest evidence-based research.
- **NEW! Clinical photos and illustrations** are updated to reflect current practice.

Περιεχόμενα:

1. Introduction
2. Neuroanatomy by Dissection
3. Development of the Nervous System: Malformation
4. Cerebrospinal Fluid and Hydrocephalus
5. Lower Motor Neuron: Spinal Nerve, General Somatic Efferent System
6. Lower Motor Neuron: General Somatic Efferent, Cranial Nerve
7. Lower Motor Neuron: General Visceral Efferent System
8. Upper Motor Neuron
9. General Sensory Systems: General Proprioception and General Somatic Afferent
10. Small Animal Spinal Cord Disease
11. Large Animal Spinal Cord Disease
12. Vestibular System: Special Proprioception
13. Cerebellum
14. Visual System
15. Auditory System: Special Somatic Afferent System
16. Visceral Afferent Systems
17. Nonolfactory Rhinencephalon: Limbic System
18. Seizure Disorders: Narcolepsy
19. Diencephalon

- 20. Uncontrolled Involuntary Skeletal Muscle Contractions
- 21. The Neurologic Examination
- 22. Case Descriptions **ALL NEW!**