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Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references at the end of each chapters and index.
Nota di contenuto	Title Page; Copyright Page; Contents; Contributors List; Preface; Video Clips Demonstrating Clinical Signs; Section 1 Foundations of Clinical Neurology; Chapter 1 Overview of Neuroanatomy; Organization of the nervous system; Development; Organization of gray and white matter in the CNS; Organization of gray and white matter in the PNS; Gross anatomy of the CNS; Topographic features of the spinal cord; The peripheral nervous system; Functional systems for clinicians; Chapter 2 Cerebrospinal Fluid and the Blood-Brain Barrier; Blood-brain barrier; Cerebrospinal fluid; References Chapter 3 Immunology of the Central Nervous SystemReferences; Chapter 4 Pharmaceutical Considerations for Treatment of Central Nervous System Disease; Introduction to neuropharmacology; Antibacterial drugs; Antiviral drugs; Anti-inflammatory drugs; Anticonvulsant drugs; Drugs affecting behavior; References; Chapter 5 Fundamental Neurophysiology; Ionic gradients and membrane potentials; Action potentials; The neuron; The synapse; Metabolic aspects of neuronal function; Glia; References; Further Reading; Section 2 Clinical Equine Neurology; Chapter 6 Examination of the Nervous System

Behavior, mental status, and coordination of the headCranial nerves; Skin, trunk, and cutaneous trunci reflexes; Limb placement; Gait analysis; Recumbent patients; Examination of foals; Neurologic issues of the prepurchase examination; Differentiating neurogenic and musculoskeletal gait abnormalities; Examination of the peripheral nerves; Neuroanatomic localization and case synthesis; References; Chapter 7 Differential Diagnosis and Management of Horses with Seizures or Alterations in Consciousness; Management of horses with seizure disorders; Narcolepsy; References

Chapter 8 Differential Diagnosis of Equine Spinal AtaxiaReferences; Chapter 9 Differential Diagnosis and Management of Cranial Nerve Abnormalities; Head tilt and circling; Temporohyoid osteoarthropathy; Differential diagnosis and management of disorders of mastication and deglutition; Blindness, anisocoria, and strabismus; Horner's syndrome; Facial paralysis; References; Chapter 10 Sleep and Sleep Disorders in Horses; Confusion regarding equine sleep; Human sleep; Sleep in horses; Environmental sleep influences; Disorders of sleep; References; Chapter 11 Headshaking; Signalment

Clinical signsEtiopathogenesis; Anatomy; Diagnosis; Treatment; References; Chapter 12 Differential Diagnosis of Urinary Incontinence and Cauda Equina Syndrome; Urinary incontinence in horses; Cauda equina syndrome; References; Chapter 13 Differential Diagnosis of Muscle Tremor and Paresis; Differentials for diffuse neuromuscular disease; Differentials for focal neuromuscular disease; References; Chapter 14 Electrodiagnostic Evaluation of the Nervous System; Electromyography; Conduct of NCS; Magnetic motor evoked potentials; Sensory evoked potentials; Electroencephalography; References

Chapter 15 Anesthetic Considerations for Horses with Neurologic Disorders

Sommario/riassunto

Equine Neurology, Second Edition is a comprehensive, clinically oriented reference to neurologic diseases and conditions in equine patients. Offering a highly practical, problem-based approach, the book provides diagnostic algorithms, charts, and tables, all intended to act as resources for the nervous system exam, differential diagnosis, and treating neurology presentations. For the first time, the Second Edition includes access to downloadable video clips on a companion website, and adds chapters on imaging the nervous system, neuronal physiology, sleep disorders, head shaking, differenti

2. Record Nr.	UNINA9910689457103321
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