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Nota di contenuto	Pain Management for Veterinary Technicians and Nurses; Copyright; Contents; Contributors; Preface; Acknowledgements; About the Companion Website; Chapter 1 Advancing Veterinary Pain Management into a New Era; Overcoming the Obstacles to Pain Management; Common Obstacles; Forming an In-Hospital Pain Team; Conclusion; References; Chapter 2 Pain Management Careers for Veterinary Technicians and Nurses; Pain Management Certifications Available for Veterinary Technicians/Nurses; Certified Veterinary Pain Practitioner (CVPP) through the International Veterinary Academy of Pain Management (IVAPM) Veterinary Technician Specialist (Anesthesia) through the Academy of Veterinary Technician Anesthetists Surgical Research Anesthetist through the Academy of Surgical Research; University of Tennessee Companion Animal Pain Management Certificate Program; Clinical Associate, American Academy of Pain Management; Rehabilitation Veterinary Technician; Certification in Massage Therapy; TCVM Veterinary Technician Program Offered by the Chi Institute; Osteoarthritis Case Manager Offered through the University of

Tennessee; The Veterinary Technician's Role

Analgesia Careers in University Teaching Hospitals Pitfalls of University Programs; Websites; References; Chapter 3 Pain Recognition in Companion Species, Horses, and Livestock; Companion Animals; The Negative Effects of Pain (Thomas and Lerche 2011); Pain Charts and Scales; Record Keeping; Equine Pain Recognition; Appearance of the Normal Horse; Appearance of the Painful Horse; Pain Scoring in the Horse; Recognition of Pain in Livestock (Cattle, Sheep and Goats, and Pigs); Indications of Pain in Cattle (Hudson et al. 2008; Shaffran and Grubb 2010); Sheep and Goats; References
Chapter 4 Physiology of Pain Introduction; The Pain Pathway; Transduction; Transmission; Modulation; Perception; Pain and Stress; Types of Pain; Somatic and Visceral Pain; Physiologic and Pathologic Pain; Peripheral Sensitization; Central Sensitization; Neuroplasticity and the Memory of Pain; Conclusion; References; Chapter 5 Analgesic Pharmacology; Introduction; Pharmacokinetics and Pharmacodynamics; Classes of Analgesics; Opioids; Nonsteroidal Anti-inflammatory Agents; Local Anesthetics; Local Anesthetic Agents; Lidocaine; Bupivacaine; Mepivacaine; Alpha-2 Agonists; Mechanism of Action
Side Effects Examples of Alpha-2 Agonists; Alpha-2 Antagonists; Yohimbine; Atipamezole; Adjunct Analgesics; NMDA Antagonists; Mechanism of Analgesia; Examples of NMDA Antagonist; Tramadol; Gabapentin; Amitriptyline; Maropitant (Cerenia®); Constant Rate Infusions; References; Chapter 6 Locoregional Analgesic Blocking Techniques; Introduction; Companion Animal Techniques; Circumferential Block for Feline Onychectomy (Declaw); Mandibular Nerve Block: Small Animal; Infraorbital Nerve Block; Mental Nerve Block; Maxillary Block; Incisional Line Block; Intercostal Block; Interpleural Block
Intratesticular Block

Sommario/riassunto

Pain Management for Veterinary Technicians and Nurses guides readers through the important concepts of animal pain management, providing specific approaches to managing pain in a wide variety of veterinary conditions. Emphasizing the technician's role in advocating for the patient, the book equips technicians with the knowledge needed to manage pain in dogs, cats, horses, livestock, exotics, and zoo animals. Logically and comprehensively covering this difficult subject, Pain Management for Veterinary Technicians and Nurses provides both introductory material on the tenets of pain management an
