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Nota di bibliografia	Includes bibliographical references at the end of each chapters and index.
Nota di contenuto	Title Page; Copyright Page; Contents; Dedication and Foreword; Preface; Contributors List; Section 1 General Topics; Chapter1 Introduction: Use, Definitions, History, Concepts, Classification, and Considerations for Anesthesia and Analgesia; Introduction; Use of anesthesia, sedation, and analgesia; Definitions; Brief history of animal anesthesia; History of North American organizations; Anesthesiologist defined; Early conceptual stages of anesthesia; Classification of anesthesia; Environmental considerations; References; Chapter2 Anesthetic Risk and Informed Consent Anesthetic risk assessmentMorbidity and mortality; Informed consent; References; Chapter3 Anesthesia Equipment; Introduction; Safety and design; Introduction to airway management and support equipment; Endotracheal tubes, lung isolation devices, supraglottic airway devices, laryngoscopes, intubation aids and techniques; Techniques of oxygen administration; Introduction anesthetic machine and breathing circuits; Medical gas supply; The modern anesthetic machine; Breathing systems; Waste gas scavenge system; Anesthesia ventilators; Respiratory assist devices; Acknowledgement; References

Chapter4 Monitoring Anesthetized PatientsIntroduction; Monitoring anesthetic depth; Cardiovascular system; Pulmonary system; Temperature; References; Chapter5 Anesthetic Emergencies and Resuscitation; Introduction; Cardiovascular; Respiratory system; Drug factors; Equipment; Regional anesthesia; Other factors; Critical event debriefing; References; Chapter6 Euthanasia and Humane Killing; Introduction; Terminology; Pain and consciousness; Mechanisms of action; Evaluating animal distress; Choice of killing method relative to onset of unconsciousness; Fetal sentience and euthanasia Low atmospheric pressure stunningFoam depopulation; Agent purity and euthanasia; Euthanasia in the clinical setting; References; Section 2 Pharmacology; Chapter7 General Pharmacology of Anesthetic and Analgesic Drugs; Introduction; Classical receptor theory; Receptor state theory; Receptor structure; Clinical evaluation of drug effects; Pharmacokinetics and pharmacodynamics; Experiments in pharmacokinetics; Constant rate therapy; Drug interactions; Adverse drug reactions; Drug metabolism; References; Chapter8 Anticholinergics; Introduction; History; General pharmacology Specific anticholinergic drugsReferences; Chapter9 Adrenergic Agents; Introduction; Catecholamines and other adrenergic agonists; Adrenergic receptor antagonists; References; Chapter10 Sedatives and Tranquilizers; Introduction; Phenothiazines; Benzodiazepines; 2-Adrenergic receptor agonists; 2-Adrenergic receptor antagonists; References; Chapter11 Opioids; Introduction; Opioid receptors; Pharmacokinetics; Clinical effects of opioids; Analgesia; Opioid agonists; Partial opioid agonists and agonist/antagonists; Tramadol; Opioid antagonists; References Chapter12 Non-Steroidal Anti-Inflammatory Drugs

Sommario/riassunto

Veterinary Anesthesia and Analgesia: the Fifth Edition of Lumb and Jones is a reorganized and updated edition of the gold-standard reference for anesthesia and pain management in veterinary patients. Encompassing both basic science and clinically relevant information, this edition features a new organization to facilitate easy access to information for sedating, anesthetizing and alleviating pain in patients with various disease conditions. Now in full color, the Fifth Edition maintains this classic book's reputation as a multi-author, multi-disciplinary, comprehensive reference text while u
