

1. Record Nr.	UNISA996205348903316
Titolo	Manual of equine anaesthesia and analgesia [[electronic resource] /] / [edited by] Tom Doherty and Alex Valverde
Pubbl/distr/stampa	Oxford ; ; Ames, Iowa, : Blackwell Pub., c2006
ISBN	1-280-74834-6 9786610748341 0-470-76210-1 0-470-75324-2 1-4051-7275-4
Descrizione fisica	1 online resource (378 p.)
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Disciplina	636.1089796
Soggetti	Horses - Surgery Veterinary anesthesia
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Includes index.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Manual of Equine Anesthesia and Analgesia; Contents; Preface; Acknowledgments; Contributors; List of abbreviations; Chapter 1 Preoperative Evaluation; The risk of equine anesthesia; Preoperative evaluation and patient preparation; Serum chemistry testing prior to anesthesia; Chapter 2 The Cardiovascular System; Physiology of the cardiovascular system; Evaluation of the cardiovascular system; Chapter 3 The Respiratory System; Evaluation of the respiratory system; Anatomy of the respiratory system; Physiology of the respiratory system; Airway management; Temporary tracheostomy Ventilation of the horse with recurrent airway obstructionChapter 4 The Renal System; Anesthesia and the renal system; Chapter 5 Neurophysiology and Neuroanesthesia; Neuroanesthesia; Chapter 6 The Autonomic Nervous System; Chapter 7 Fluids, Electrolytes, and Acid-Base; Fluid therapy; Electrolytes; Acid-base physiology; Physicochemical approach; Chapter 8 Hemotherapy and Hemostasis; Hemostasis; Hemotherapy; Chapter 9 The Stress Response; Chapter 10 Thermoregulation; Chapter 11 Pharmacology of Drugs used in Equine

Anesthesia; Definitions of anesthetic terms; Phenothiazines
Alpha2 adrenergic agents Opioids; Benzodiazepines; Guaiphenesin;
Tramadol; Barbiturates; Ketamine; Tiletamine and zolazepam (TZ);
Propofol; Inhalational anesthetics; Nitrous oxide; Local anesthetics;
Intravenous lidocaine; Muscle relaxants; Non-steroidal anti-
inflammatory drugs (NSAIDs); Drugs used in endotoxemia; Chapter 12
The Anesthetic Machine; Chapter 13 Positioning the Anesthetized
Horse; Chapter 14 Monitoring the Anesthetized Horse; Monitoring the
central nervous system; Monitoring respiratory function; Monitoring
cardiovascular function; Anesthetic agent monitoring
Monitoring neuromuscular blockade Chapter 15 Management of
Sedation and Anesthesia; Standing sedation; General anesthesia
techniques; Inhalational anesthesia; Total intravenous anesthesia
(TIVA); Partial intravenous anesthesia (PIVA); Anesthesia of foals;
Anesthesia of horses with intestinal emergencies (colic); Anesthesia of
donkeys and mules; Anesthesia of the geriatric horse; Anesthesia and
pregnancy; Remote capture of equids; Chapter 16 Anesthesia of the
Limbs; Chapter 17 Epidural Analgesia and Anesthesia; Chapter 18
Anesthesia of the Head and Penis; Anesthesia of the head
Anesthesia of the penis and pudendal region Chapter 19 Anesthesia of
the Eye; Chapter 20 Analgesia; Physiological basis of pain management;
Recognition of pain; Analgesia for acute pain; Chapter 21
Complications and Emergencies; Anaphylactic and anaphylactoid
reactions; Intraoperative hypotension; Intraoperative hypertension;
Hypoxemia and hypoxia; Hypercapnia; Intra-arterial and perivascular
injections; Cardiopulmonary resuscitation; Postoperative myopathy;
Neuropathy; Hyperkalemic periodic paralysis; Equine malignant
hyperthermia; Delayed awakening; Chapter 22 Assisted Recovery
Chapter 23 Euthanasia

Sommario/riassunto

In recent years, a number of important developments have been made in equine anaesthesia and analgesia. These include new methods of monitoring the patient, the availability of new drugs and the implementation of new procedures. This book not only covers all the traditional methods of anaesthesia and recent developments, but it provides students and practitioners with essential information on the scientific basis of anaesthesia, as well as giving handy tips on more practical aspects of anaesthesia, such as drug regimens for field anaesthesia. Covers all the latest developments in equine
