1. Record Nr. UNINA9910300207403321 Essentials of Pharmacology for Anesthesia, Pain Medicine, and Critical Titolo Care [[electronic resource] /] / edited by Alan David Kaye, Adam M. Kaye, Richard D. Urman New York, NY:,: Springer New York:,: Imprint: Springer,, 2015 Pubbl/distr/stampa **ISBN** 1-4614-8948-2 Edizione [1st ed. 2015.] Descrizione fisica 1 online resource (890 p.) Disciplina 610 616.0472 616028 617.96 Soggetti Anesthesiology Pain medicine Critical care medicine Pain Medicine Intensive / Critical Care Medicine Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Description based upon print version of record. Note generali Part I. Basic Pharmacologic Principles -- 1. Pharmacokinetics and Nota di contenuto Pharmacodynamics of Anesthetics -- 2. A Review of Mechanisms of Inhalational Anesthetic Agents -- 3. Pharmacokinetics, pharmacodynamics and physical properties of Inhalational agents -- 4. Principles of Total Intravenous Anesthesia -- 5. Perioperative Considerations in Pharmacology -- Part II. Drug Classes -- 6. Anesthetic Induction Agents -- 7. Analgesics: Opiate agonists, mixed agonist/antagonists and antagonists for acute pain management -- 8. Analgesics: Opioids for chronic pain management and surgical considerations -- 9. Nonopioid Analgesic and Adjunct Drugs -- 10. Benzodiazepines and muscle relaxants -- 11. Pharmacology of Local Anesthetics -- 12. Neuromuscular Blockers -- 13. Reversal agents --14. Drugs acting on the autonomic nervous system -- 15. Antihypertensives, diuretics and antidysrhythmics -- 16. Peripheral

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Sommario/riassunto

In anesthesiology, pain medicine, and critical care, practitioners at all levels need help to stay current with the continually evolving drug knowledge-base, and trainees need tools to prepare for in-training and board exams that increasingly test their knowledge of pharmacology. This practical book is aimed at both readerships. It features a unique and practical chapter on the United States Food and Drug Administration (FDA) "black box" warnings that describe what safety precautions should be taken with commonly used drugs. The editors and contributors are pharmacology experts representing a cross-section of clinical specialties and institutions in the United States and include pharmacologists, pharmacists, as well as physicians.