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Nota di contenuto	Part I. Basic Pharmacologic Principles -- 1. Pharmacokinetics and 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 vasodilators -- 17. Nitric oxide and Pulmonary Vasodilators -- 18. Asthma and COPD agents -- 19. Hormones, Part 1: Thyroid and

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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.
