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This issue of Anesthesiology Clinics, edited by Dr. Michael T. Walsh in collaboration with Consulting Editor Lee Fleisher, is focused on Ambulatory Anesthesia. Topics in this issue include: Preoperative evaluation for ambulatory anesthesia; Obesity and obstructive sleep apnea in the ambulatory patient; Pediatric ambulatory anesthesia challenges; Safety in dental anesthesia for office-based practitioners; Office-based anesthesia; Regional anesthesia for the ambulatory anesthesiologist; Anesthesia for same-day total joint; Enhanced recovery in outpatient surgery; Outcomes in ambulatory anesthesia: Measuring what matters; ASC Medical director issues; NORA: Anesthesia in the GI suite; MACRA/MIP-S/APM, etc: Payment issues in ambulatory anesthesia; Emergency response in the ASC; and Quality Improvement in ambulatory anesthesia.

Practical Ambulatory Anesthesia covers all aspects of sedation, anesthesia, and pain relief for patients undergoing day (ambulatory) surgery. Written and edited by leading clinical anesthesiologists from the USA and Europe, it provides clear guidance on how to handle particular patients in particular situations. Comprehensive in scope, each chapter summarizes major studies and review papers, followed by practical advice based on the authors' and editors' clinical and scientific expertise. This combination of authoritative evidence-based guidance and personal advice ensures the reader benefits from the latest scientific knowledge and the authors' wealth of experience. Chapters discuss how to plan, equip and staff an ambulatory unit, pharmacology, key concepts of ambulatory care, pre- and post-operative issues, quality assurance, and current controversies. There are also dedicated chapters for topics including regional anesthesia for ambulatory surgery and pediatric ambulatory anesthesia. This text provides a much-needed comprehensive and evidence-based guide for clinical anesthesiologists.

An evidence-based guide that describes how to lead an effective operating room,

ensuring safety and efficiency while maximizing resources.

Anesthesia Outside of the Operating Room is a comprehensive, up-to-date textbook that covers all aspects of anesthesia care in OOR settings, from financial considerations to anesthetic techniques to quality assurance. With increasing numbers of procedures such as cardiac catheterization and imaging taking place outside of the main OR, anesthesia providers as well as non-anesthesia members of the patient care team will find this book critical to their understanding of the principles of anesthesia care in unique settings which may have limited physical resources. Topics include patient monitoring techniques, pre-procedure evaluation and post-procedure care, and procedural sedation performed by non-anesthesia providers. The authors address problems of anesthesia that have unique answers in OOR settings, such as patient transport and cardiac arrest, and discuss technological progress and considerations for the future. The text also covers surgical procedures and anesthetic considerations by procedure location, such as radiology, infertility clinics, field and military environments, and pediatric settings, among many others. Select guidelines from the American Society of Anesthesiologists (ASA) are provided as well. Edited by the senior faculty from Harvard Medical School and with contributions from other academic institutions, Anesthesia Outside of the Operating Room provides a unique and convenient compendium of expertise and experience.

This book features a collection of guidelines for anesthesia in day care surgery, covering all medical specialties that may look to venture into the ambulatory surgery domain. It provides various practical tips that can be used in day-to-day practice by anesthesiologists and surgeons alike, and covers various anesthetic protocols used by the stalwarts of the industry to illustrate the ideal techniques for anesthesia in day care surgery.

Keywords: Postoperative nausea and vomiting, PONV, implementation of clinical practice guidelines, Society for Ambulatory

Anesthesia, American Society of Anesthesiologists.

This book discusses the provision of anaesthesia for day case patients from the pre-operative period until discharge and patient follow-up. Provides information on patient selection, management of pain and sickness, the recovery process and problems which may occur after surgery. All forms of anaesthesia are covered, including local anaesthesia and nerve blocks, general anaesthesia (with inhaled and injected drugs) and the use of sedatives to supplement local anaesthesia. The special needs of the child are also addressed.

This book describes the state of the art concerning some of the most hotly debated topics in anesthesia and intensive care and is at the same time intended to serve as a useful practical guide that will assist in improving outcomes. The topics covered are wide ranging and include, for example, the use of antibiotics during renal replacement therapy, the role of video laryngoscopy, management of mechanical ventilation in the operating room, use of high-frequency ventilation in patients with respiratory failure, management of the potentially brain dead patient, perioperative delirium, cardiac protection during general anesthesia, single-lung ventilation, and use of lung imaging in critically ill patients. Written by recognized experts in the field, the book will offer a comprehensive and easy to understand update for specialists and students of anesthesia and intensive care.

Relied on for over 20 years by resident and practicing anesthesiologists and CRNAs, this best-selling pocket reference is now in its Seventh Edition. In easy-to-scan outline format, it provides current, comprehensive, concise, consistent, and clinically relevant guidelines for anesthesia procedures throughout the preoperative, intraoperative, and postoperative periods and in the ICU. The book has been written, reviewed, updated, and field-tested by the internationally recognized anesthesia department of the Massachusetts General Hospital. This edition includes new information

on quality assessment, patient safety, the electronic medical record, and new techniques and medications. A new design makes information easier to access. An alphabetical drug appendix is also included. A PDA version of this edition will be available in November. Look for details in our 4th-Quarter 2006 New Publication Announcement and on LWW.com.

This is the second edition of the 2014 best-selling medical-legal novel. Dr. Nico Antone, an anesthesiologist at Stanford University, is married to Alexandra, a high-powered real estate agent obsessed with money. Their son, Johnny, an 11th-grader with immense potential, struggles to get the grades he'll need to attend an Ivy League college. After a screaming match with Alexandra, Nico moves himself and Johnny from Palo Alto, California, to his frozen childhood home of Hibbing, Minnesota. The move helps Johnny improve his grades and thus seem more attractive to universities, but Nico loves the freedom from his wife. Hibbing also happens to be the hometown of music icon Bob Dylan. Joining the hospital staff, Nico runs afoul of a psychotic nurse anesthetist who calls himself Bobby Dylan, who plays Dylan songs twice a week in a bar called Heaven's Door, and who believes he is the real Bob Dylan. As Nico and Johnny settle in at Hibbing, their lives turn around, until the soulless Alexandra dies, which accelerates the downfall of Dr. Antone, who is accused of her murder. The medical realism and subsequent courtroom realism and big university atmosphere versus small Minnesota town make this novel ring true. The author's medical expertise is central to the plot, and the author's career as a medical expert witness brings sizzling energy to the concluding courtroom scenes.

This volume in The Requisites in Anesthesiology Series concisely presents all of the knowledge essential to the safe practice of ambulatory anesthesia. It covers anesthetic agents and adjunctive techniques that provide rapid recovery with fewer side effects, all the while maintaining the same high safety standards we have come to expect in a hospital operating room suite. You'll find coverage of everything from patient selection to administration of anesthesia outside the typical operating room setting to cost-effective practice. Case studies in each chapter demonstrate the clinical relevance of the material and test your comprehension. Tightly focused, user-friendly chapters make this book ideal both as a refresher for certification or recertification, and as a reference for everyday clinical practice. Includes case studies in each chapter demonstrate the clinical

relevance of the material and test your comprehension. Covers everything from patient selection to administration of anesthesia outside the typical operating room setting to cost-effective practice. Uses a logical, consistent chapter format to facilitate reference. Presents special boxes that highlight relevant case studies · key points · controversies · advantages/disadvantages of drugs, tests, techniques, monitoring approaches, and more. Emphasizes current practice guidelines throughout to ensure the safe and efficacious use of techniques as approved by leading anesthesia societies. Features up to three case studies in each chapter, consisting of a clinical vignette followed by several questions (with answers) that probe your mastery of the relevant knowledge.

Actual case studies in a Q & A format explore contemporary problems in anesthesia, and provide practical solutions based on a careful examination of all of the important scientific and clinical principles for each case. The 3rd Edition offers brand-new coverage of key topics in the cardiovascular, respiratory, central nervous system, abdomen, and post-anesthesia care sections as well as a completely new section on trauma. It also addresses important topics such as hemophilia, infant anesthesia, lower extremity anesthesia, and celiac plexus blocks. All of the existing cases are thoroughly revised to include new treatments and practice guidelines, and new knowledge of the relevant pharmacology. It's an ideal review tool for board preparation, and a handy resource for practice. Offers solutions to frequently occurring practical problems through discussions of pathophysiology, pharmacology, preoperative evaluation, and intraoperative care. Facilitates the proper identification of both common and rare clinical problems. Examines the crucial scientific and clinical principles for each case study. A completely new section on trauma features five new cases: blunt vs. penetrating trauma - neck and airway trauma - thoracic trauma - closed head injury with open femur fracture - and burns. The cardiovascular section offers new cases relating to: cardiac tamponade - cardiomyopathy - noncardiac surgery after heart transplantation - coronary artery bypass grafting - and do-not-resuscitate. The respiratory section features new cases on post-thoracotomy complications and thoracoscopy. The central nervous system content is enriched with cases on monitoring in spinal injury - transsphenoidal hypophysectomy - and magnetic resonance imaging. The abdominal section offers new cases on endovascular surgery - morbid obesity - laparoscopy - carcinoid and kidney transplant. Im-

portant topics such as hemophilia - infant anesthesia - lower extremity anesthesia - and celiac plexus blocks are now covered. Postanesthesia care is expanded to include pulmonary function testing - respiratory failure - delayed emergence - coma and brain death - and anaphylaxis. The existing cases are thoroughly revised to include the new treatments, treatment guidelines, and the relevant pharmacology.

Spanish version also available, ISBN: 84-8174-124-8

This key resource provides insight and guidance to managing ambulatory surgery centers (ASCs) from a broad spectrum of expertise. Intended for a wide audience of healthcare professionals, this book covers topics such as regulatory issues, outpatient pediatric anesthesia, inventory management, personnel training, the culture of safety, and sedation standards. The format found in each chapter is designed intentionally to function as an educational manual. Many chapters are supplemented by high quality figures and tables to aid in visual learning. This text brings together authors from diverse professions including lawyers, administrators, surgeons, anesthesiologists and architects - all of whom have contributed their expertise to address the multitude of subjects that pertain to ASCs. Manual of Practice Management for Ambulatory Surgery Centers: An Evidence-Based Guide is a concise and evidence-based guide to successfully operating the modern health care facilities that have transformed the outpatient experience for millions of people.

This concise, evidence-based board review book, organized according to the ABA keyword list, covers all the fundamental concepts needed to pass written and re-certification board examinations. Each chapter begins with a case scenario or clinical problem from everyday practice, followed by concise discussion and clinical review questions and answers. Discussion progresses logically from preoperative assessment and intraoperative management to postoperative pain management, enhancing the reader's knowledge and honing diagnostic and clinical management skills. New guidelines and recently developed standards of care are also covered. Serving as a companion to the popular textbook Essential Clinical Anesthesia, this resourceful work reflects the clinical experiences of anesthesia experts at Harvard Medical School as well as individually known national experts in the field of anesthesiology. This practical review is an invaluable resource for anesthesiologists in training and practice, whether studying for

board exams or as part of continuing education and ABA recertification.

A comprehensive guide that offers up-to-date, evidence-based advice on how to provide optimal anesthesia care for ambulatory surgery.

This issue brings the anesthesiologist up to date on current essential topics in ambulatory anesthesia. Topics covered include obstructive sleep apnea, pediatric ambulatory anesthesia, supraglottic airway devices, issues in office-based ambulatory anesthesia, complex sedation, the role of regional anesthesia in the ambulatory environment, regional catheters, postoperative pain management for the ambulatory patient, and updates on PONV and PDNV. Authors also explore the questions of how much testing should be done, how to make yourself ASC desirable to patients and surgeons, and more.

This text presents the basic and clinical foundations of anesthesiology. It is easy to read and is comprehensive without being lengthy. Readers can test their knowledge with the "Clinical Review" questions at the end of chapters and will appreciate the abundance of color illustrations, clinical images, and practical tables. Chapters are highly organized and make liberal use of bulleted text where appropriate. Everything needed in a single source is here, from clinically important basic science to the full range of anesthetic practice: pain management and regional anesthesia, including ultrasound-guided peripheral nerve blocks; specialty anesthesia; preoperative evaluation and intraoperative management; ambulatory and non-operating room anesthesia; and critical care. The book also includes topical chapters on the obese patient, infectious diseases, alternative medicine, substance abuse, cosmetic surgery, robotic surgery, the hazards of working in the operating room, and residency requirements and guidelines.

The clinical practice of anesthesia has undergone many advances in the past few years, making this the perfect time for a new state-of-the-art anesthesia textbook for practitioners and trainees. The goal of this book is to provide a modern, clinically focused textbook giving rapid access to comprehensive, succinct knowledge from experts in the field. All clinical topics of relevance to anesthesiology are organized into 29 sections consisting of more than 180 chapters. The print version contains 166 chapters that cover all of the essential clinical topics, while an additional 17 chapters on subjects of interest to the more advanced practitioner can be freely accessed at www.cambridge.org/vacanti. Newer techniques such as ultrasound nerve

blocks, robotic surgery and transthoracic echocardiography are included, and numerous illustrations and tables assist the reader in rapidly assimilating key information. This authoritative text is edited by distinguished Harvard Medical School faculty, with contributors from many of the leading academic anesthesiology departments in the United States and an introduction from Dr S. R. Mallampati. This book is your essential companion when preparing for board review and recertification exams and in your daily clinical practice.

This concise, easy-to-use manual presents the most current and safe anesthesia formulas, protocols, and guidelines for office-based surgical procedures. It offers guidance on how to set up and maintain a safe office-based anesthesia practice in line with standards of the American Association for Accreditation of Ambulatory Surgery Facilities, the American Society of Anesthesiologists, and the American Medical Association. The book covers all procedures commonly performed in an office setting, including cosmetic surgery, dentistry, ophthalmology, obstetrics and gynecology, gastrointestinal endoscopy, and post-bariatric surgery.

Complete Clinical and Practice Management Guidance in one handy reference! 5 STAR DOODY'S REVIEW! "Using an evidence-based approach, the authors provide a balanced and novel view of anesthesia techniques applied to the ambulatory setting. Their ultimate goal is to impart to others the knowledge of numerous experts, thereby improving ambulatory anesthesia outcomes. It succeeds in outstanding fashion....Although the book is aimed at anesthesiologists, medical students and other students of anesthesia will find many of the historical references interesting. It works on many levels, including current accepted practice, a historical perspective and a glimpse of the future. The contributor list reads like a 'Who's Who' in ambulatory anesthesia."--Doody's Review Service This hands-on guide provides anesthesiology practitioners with essential clinical information on the increasingly utilized and important subject of ambulatory anesthesia. What's more, it also provides practical guidance for clinicians and institutions that are establishing or expanding an ambulatory surgical clinic. Gain clinical expertise: Clinical content addresses all subjects a clinician needs to know, from how to assess the ambulatory patient for anesthesia care, to pharmacological principles, to the procedures and techniques used in specific disease conditions, and much more Includes expert guidance on timely issues such as advanced regional anesthesia in-

cluding peripheral nerve blocks, multimodal analgesia, postoperative pain management, anesthesia for laparoscopic surgery, anesthesia for cosmetic procedures, and more. Also includes practical pearls regarding anesthesia in the pediatric patient, anesthesia in special situations, such as patients with morbid obesity or pacemakers, adverse event recognition and treatment, prevention and treatment of postoperative nausea, and much more. Includes practice management strategies on: Structure and function of the ideal ambulatory surgery center Regulatory and accreditation requirements Business management strategies Quality improvement in ambulatory anesthesia Cost containment in ambulatory surgery centers Much more

A comprehensive, practical approach to a new subspecialty, discussing a panorama of issues in outpatient anesthesia and surgery, including preoperative evaluation, selection of anesthesia, perioperative monitoring, germane surgical considerations, recovery room challenges, postoperative complications, pain management, and a panoply of administrative demands. For anesthesiologists and anesthesiologists, both in training and in practice, as well as other physicians, nurses, and health care professionals involved in caring for patients having outpatient surgery. Annotation copyright by Book News, Inc., Portland, OR

Ambulatory anesthesia is used for surgical procedures where the patient does not need to stay overnight in the hospital. The same anesthetics that are used in the operating room setting are used in the ambulatory setting, including general, regional and local anesthetics. Sedation anesthetics are also given in the ambulatory setting. This issue will cover best practices and procedures for perioperative care, regional anesthesia, pediatric anesthesia, administering office anesthesia, and more.

Learn the fundamentals of anesthesiology in the context of real patients. 4 STAR DOODY'S REVIEW! "The book targets medical students, but even junior anesthesia trainees would find it very compelling....Although it has the appearance of a handbook, this book is an overview of clinical anesthesiology. It takes a simulation approach to drive home essential concepts of anesthesia management in different disease conditions. Of all the handy books out there, this is perhaps the only one that teaches anesthesia in the context of real patients rather than merely stating facts. It would be an invaluable aid to medical students doing anesthesia clerkships or junior anesthesia trainees who need a quick review for an emergency case in the middle of the night."--Doody's Review Ser-

vice Case Files: Anesthesiology contains 53 high-yield cases with open-ended questions. Each case includes an extended discussion, definitions, clinical Pearls, 3-5 USMLE-style comprehension questions, and references to the most current literature for further reading. Features: 53 high-yield clinical situations tailored for management of the anesthetic patient Clear and easy-to-follow case-based format helps readers develop clinical thinking skills Clinical pearls give evidence-based recommendations for patient management USMLE-style comprehension questions accompany each case Content enhanced by numerous tables, illustrations, and clinical images Content that makes learning easy: Preoperative evaluation: Preoperative evaluation: cardiac and pulmonary disease, Preoperative evaluation in an obese patient, Anesthesia in Patients with Heart Disease: Coronary artery disease, Pulmonary hypertension, R heart failure, Left Heart failure, Mitral stenosis, mitral insufficiency, Aortic stenosis, Subacute Aortic Hypertrophy, Congestive heart failure, AICD, Abdominal aortic aneurysm/stent, open Cardiac tamponade, Protamine reaction Anesthesia for the Patient with Pulmonary Disease: Anesthesia in a patient with reactive airway disease, Anesthesia in a patient with COPD, Thoracotomy, Aspiration, Anesthesia for the Patient with Neurological or Neurosurgical Conditions: Subdural hematoma/head injury, Craniotomy for mass excision, Craniotomy for aneurysm, The quadriplegic, Cervical fracture, Myasthenia gravis, Anesthesia for obstetrics: For caesarian section, Appendectomy or cholecystectomy in a pregnant patient, Total spinal, Local anesthetic toxicity, Anesthesia in the Pediatric Patient: Child with a Foreign Body, Cleft Palate, Anesthesia for a tonsillectomy--sleep apnea, and hemorrhage, Pyloric stenosis, Anesthesia in Patients with Hematologic Disorders: Hemoglobinopathy, Transfusion reaction, Coagulopathies, Anesthesia for Patients with Endocrinologic or Metabolic Disorders: Diabetes--hyperglycemia/hypoglycemia, Malignant hypertension/pheochromocytoma, Malignant hyperthermia, Cholinesterase deficiency, Anesthesia Special Situations: Complication of laparoscopy--ptx, air embolism, Complication of laparoscopy--occult hemorrhage, Burns, Trauma, MRI, Hypoxia of unknown etiology (equipment failure), Monitoring (including PA line, TEE), Awareness under anesthesia, End of life/ethics

Ambulatory care can be a challenging setting in which to provide anesthesia - not all patients are suitable for rapid discharge post-operatively and opinions differ as to which types of surgery should be per-

formed as day cases. This comprehensive guide delivers up-to-date, evidence-based advice on how to provide optimal anesthesia care for ambulatory surgery. Written by a leading clinical anesthesiologist, it provides clear guidance about how to handle particular patients in particular situations. The evidence and scientific knowledge for each issue are presented with reference to major studies and review papers, followed by practical advice based on the author's continuous clinical and scientific experience over 30 years. Topics include planning, equipping and staffing ambulatory units, pharmacology, basic concepts of ambulatory care, pre- and post-operative issues and current controversies. Clinical Ambulatory Anesthesia is essential reading for the clinical, postgraduate anesthesiologist as well as nurse anesthetists involved with ambulatory care.

Effective management of the OR is critical in all clinical settings, where ensuring that policies, systems, staff members and teams are efficient, safe and cost-effective is paramount. Operating Room Leadership and Management is a comprehensive resource for physicians and administrators involved in the day-to-day management of operating rooms in a hospital setting or smaller-scale facilities. Topics include: • OR metrics • Scheduling • Human resource management • Leadership • Economics • IT management • Quality assurance • Recovery. This practical, evidence-based text is written by leaders in the field of OR management and is relevant to medical directors, administrators and managing physicians. Specific nursing considerations, preoperative patient evaluation, financial performance measures and pain clinic management are also discussed in detail. Operating Room Leadership and Management enables all OR managers to improve the efficiency and performance of their operating rooms.

This second edition of the Handbook of Ambulatory Anesthesia has been completely updated and expanded to reflect current practice guidelines and trends in ambulatory anesthesia. This practical manual covers preoperative evaluation, patient and procedure selection, anesthetic techniques, postoperative management, and quality assurance. Additionally, the editors have included all new information on anesthesia for minimally invasive surgery as well as office-based procedures. Written and edited by experts who have developed successful practices at the world's leading institutions, Handbook of Ambulatory Anesthesia includes a broad representation of perspectives and approaches for practitioners in every ambulatory setting.

Clinical Anesthesia, Seventh Edition covers the full spectrum of clinical options, providing insightful coverage of pharmacology, physiology, co-existing diseases, and surgical procedures. This classic book is unmatched for its clarity and depth of coverage. *This version does not support the video and update content that is included with the print edition. Key Features: • Formatted to comply with Kindle specifications for easy reading • Comprehensive and heavily illustrated • Full color throughout • Key Points begin each chapter and are labeled throughout the chapter where they are discussed at length • Key References are highlighted • Written and edited by acknowledged leaders in the field • New chapter on Anesthesia for Laparoscopic and Robotic Surgery Whether you're brushing up on the basics, or preparing for a complicated case, the digital version will let you take the content wherever you go. This book provides a comprehensive review of the challenges, risk stratification, approaches and techniques needed to improve pain control in ambulatory surgery centers (ASCs). It addresses not only the management of acute perioperative pain but also describes modalities that could potentially reduce the risk of evolution of acute pain into chronic pain, in addition to weaning protocols and follow ups with primary surgical specialties and pain physicians as needed. Organized into five sections, the book begins with the foundations of managing ASCs, with specific attention paid to the current opioid epidemic and U.S. policies relating to prescribing opioids to patients. Section two and three then explore facets of multimodal analgesia and non-operating room locations, including the use of ultrasounds, sedation in specific procedures, regional anesthesia, ketamine infusions, and the management of perioperative nausea and intractable pain in outpatient surgery. Section four examines the unique challenges physicians face with certain patient demographics, such as the pediatric population, those suffering from sleep apnea, and those with a history of substance abuse. The book closes with information on discharge considerations, ambulatory surgery protocols, recovery room protocols, and mandatory pain management services. An invaluable reference for all health personnel and allied specialties, Pain Control in Ambulatory Surgery Centers (ASCs) meets the unmet need for a resource that covers optimum pain control in patients undergoing outpatient surgery as well as the urgent ASCs challenges that are presented on an immense scale with national and international impact. The best way to prepare for the American

Board of Anesthesiology's new ADVANCED Examination Anesthesiology Core Review: Part Two-ADVANCED Exam prepares you for the second of two new staged anesthesiology board certification exams. This is the first board review book tailored for the new ADVANCED examination. The book is divided into sections that match the blueprint provided by the American Board of Anesthesiology: Basic Science, Clinical

Sciences, Organ-Based Sciences, Clinical Subspecialties, and Special Problems or Issues in Anesthesiology. Anesthesiology Core Review: Part Two-ADVANCED Exam is the single best way to take the stress out of this make-or-break exam. Short 2-4 page chapters provide critical information in an easily digestible and memorable format. Each chapter succinctly summarizes key concepts, covering the nearly 200

must-know topics found on the board exam outline. The pages are heavily illustrated to help you visualize key concepts, with space conveniently provided throughout the book to add notes from other study resources. Together with the first volume (Anesthesiology Core Review Part One-BASIC), this book provides an excellent, comprehensive resource for initial board certification.