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Review of Cardiac Anesthesia & Cardiac Critical Care - Poonam Malhotra Kapoor - 2017-07-17
This new edition has been fully revised to provide trainees with the latest advances and technologies in cardiac anesthesia and cardiac critical care. Divided into three sections, the book begins with discussion on cardiovascular anesthesia, covering preoperative assessment and management, antiarrhythmic drugs, anesthesia for surgery, paediatric cardiology, and more. The second section describes the use of echocardiography for numerous cardiac disorders, enhanced by formulas, schematic diagrams, and videos. The final chapter in this section features MCQs based on videos from the accompanying DVD ROM. Section three covers extracorporeal membrane oxygenation and critical care, and includes Michigan-based Extracorporeal Life Support Organisation (ELSO) guidelines. Key points Fully revised, second edition providing trainees with latest advances in cardiac anaesthesia and cardiac critical care Includes MCQs based on accompanying DVD ROM videos Covers ELSO guidelines Previous edition (978935096590) published in 2013

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Review of Cardiac Anesthesia with 2100 MCQs - Poonam Malhotra Kapoor - 2013-09-30
This comprehensive guide is a complete revision tool for trainees preparing for examinations in cardiac anaesthesia. Presented in a question and answer format, the book covers all aspects of the subject, from traditional topics such as drugs for cardiovascular diseases, to congenital heart disease, embryology, and rheumatic problems with valves. Section two provides in depth coverage of echocardiography, with each chapter based on the accompanying DVD ROM of 70 echocardiography and echocardiogram videos. The final section presents 250 questions on important topics such as critical care and infection control. Key points Complete revision tool for trainees preparing for cardiac anaesthesia examinations Presented in question and answer format, with detailed explanations of answers Includes chapter based on accompanying DVD ROM of 70 echocardiography videos More than 330 images, diagrams, tables and figures

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Anesthesia. For easy reference, the book is indexed in three ways—alphabetically, by rotation or organ system, and according to the Boards organization. A companion Website offers the fully searchable online text.

Core Topics in Cardiac Anesthesia - Jonathan H. Mackay - 2012-03-15
Since the publication of the first edition of Core Topics in Cardiac Anesthesia, the clinical landscape has undergone significant change. Recent developments include the increased use of electrophysiology, the resurgence of primary percutaneous intervention in acute coronary syndromes, the use of percutaneous devices in patients previously considered inoperable, and the withdrawal of aprotinin. Against this landscape, this invaluable resource has been fully updated. New chapters are dedicated to right heart valves, pulmonary vascular disease, cardiac tumours and cardiac trauma. All other chapters have been updated according to the latest international guidelines. Written and edited by an international author team with a wealth of expertise in all aspects of the perioperative care of cardiac patients, topics are presented in an easy to digest and a readily accessible manner. Core Topics in Cardiac Anesthesia, Second Edition is essential reading for residents and fellows in anesthesia and cardiac surgery and clinical perfusionists.

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Obstetric, Thoracic and Cardiac Anesthesia - Robert Gaiser - 2009
Never before has essential been so quick and convenient to access on the go! "Obstetric, Thoracic and Cardiac Anesthesia: Handbook and iPod" truly puts the answers you need at your fingertips. Under the superb leadership of Series Editor Lee A. Fleisher, MD, experts from the University of Pennsylvania present practical coverage of obstetric, thoracic and cardiac anesthesia in a concise, a-glance manner. A consistent, bulletted format and concise images make it remarkably easy to review and learn even the most difficult procedures and quickly resolve thorny clinical questions. Whether you consult the pocket-sized handbook, or download the content onto your standard click-wheel iPod, you'll be amazed how easy it is to look up vital information quickly. The content is simple to download and review on any standard click-wheel iPod. The paperback version is 5" x 8" in size—so it can be carried and consulted anytime, anywhere. A consistent, bulletted format and concise images make it remarkably easy to look up even the most difficult procedures and quickly resolve thorny clinical questions.

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Cardiac Anesthesia - Fawzy G. Estafanous - 2001

This review book is based on the keyword list distributed to residency program directors each year. Each of the 316 entries begins with a keyword, followed by a list of key points and a one- or two-page discussion written by a resident and reviewed by Yale University faculty. Entries cover all areas of anesthesiology, including pediatric anesthesia. For easy reference, the book is indexed in three ways—alphabetically, by rotation or organ system, and according to the Boards organization. A companion Website offers the fully searchable online text.

Anesthesiology Keywords Review - Raj K. Modak - 2008
This review book is based on the keyword list distributed to residency program directors each year. Each of the 316 entries begins with a keyword, followed by a list of key points and a one- or two-page discussion written by a resident and reviewed by Yale University faculty. Entries cover all areas of anesthesiology, including pediatric anesthesia. For easy reference, the book is indexed in three ways—alphabetically, by rotation or organ system, and according to the Boards organization. A companion Website offers the fully searchable online text.

Lippincott's Anesthesia Review: 1000 Questions and Answers - Paul Sikka - 2014-07-28
Ace your anesthesiology in-training exam, written board exam, or recertification exam with Lippincott's Anesthesia Review: 1001 Questions and Answers! This anesthesiology exam preparation resource offers you 1,001 multiple-choice questions and answers spanning all essential topics that challenge your mastery of all the information you need to know. Key Features Review every key content area thanks to 21 chapters that cover preoperative evaluation and management • airway management • anesthesia machine • patient monitoring • fluid management and blood transfusion • anesthetic pharmacology • spinal and epidural anesthesia • peripheral nerve blocks • pain management • orthopedic anesthesia • cardiovascular anesthesia • thoracic anesthesia • neuroanesthesia • gastrointestinal, liver, and renal disease • endocrine diseases • ophthalmic, ear, nose & throat surgery • obstetric anesthesia • pediatric anesthesia • critical care • postoperative anesthesia care • and more! Practice using questions that follow the same format as the ones on the actual exams, incorporating tables, drawings, and photographs. Remedy gaps in your knowledge thanks to thorough answer explanations.

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Cardiac Anesthesia - Fawzy G. Estafanos - 2001
The thoroughly updated Second Edition of this highly acclaimed text provides a concise yet comprehensive reference on the clinical and scientific principles of cardiovascular and thoracic anesthesia. The foremost authorities in cardiac anesthesia cover topics particular to this specialized field, such as extracorporeal circulation, transesophageal echocardiography, the physiology and pharmacology of anticoagulation, cardiac catheterization, invasive cardiology, and congenital heart disease. Ideal for residents, fellows, and practicing anesthesiologists, this important text provides comprehensive, practical guidance for all aspects of cardiac anesthesia.

Pediatric Cardiac Anesthesia - Carol L. Lake - 2005
Long established as the #1 reference on pediatric cardiac anesthesia, this definitive text is now in its thoroughly revised Fourth Edition. The book provides comprehensive guidelines on preoperative evaluation, perioperative management, and postoperative care for all pediatric cardiac surgical procedures and includes quick-reference summaries of perioperative management for each procedure. For this edition, Dr. Lake is joined by an eminent British co-editor, Peter D. Booker, and an international group of distinguished contributors. Coverage includes cutting-edge information on echocardiography, fast tracking, and the newest surgical techniques. New chapters cover teaching, practice management, anesthesia for cardiac MIS, and hemostasis, coagulation, and transfusion.

Anesthesia Review: 1000 Questions and Answers to Blast the BASICS and Ace the ADVANCED - Sheri Berg - 2018-06-04
With contributors from Massachusetts General Hospital and Harvard Medical School, the unique and thorough Anesthesia Review: 1000 Questions and Answers to Blast the BASICS and Ace the ADVANCED covers both BASIC or ADVANCED levels of Anesthesiology training in a single volume. Any resident in Anesthesiology will find a gold mine of material—including topic-specific chapters with exam-like questions, answers with explanations, and references for further, in-depth review—for fast, efficient preparation.

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Interactive Cardiac Anesthesia Library - Scott T. Reeves - 2003-10-01
This CD-ROM provides instant access to the full content of four leading cardiac anesthesia texts: Estafanos, Barash and Reeves' Cardiac Anesthesia, Second Edition; Estafanos, Barash and Reeves' A Practical Approach to Cardiac Anesthesia, Third Edition; Gravlee, Davis, Kurusz and Utey's Cardiopulmonary Bypass, Second Edition; and Perrino and Reeves' A Practical Approach to Transesophageal Echocardiography. Also included are Alpert and Ewy's Manual of Cardiovascular Diagnosis and Therapy, Fifth Edition, relevant multiple-choice questions from Connelly and Silverman's Review of Clinical Anesthesia, Third Edition, and relevant cases from Yao and Artusio's Anesthesiology, Fifth Edition—plus interactive self-testing software and over 30 minutes of video. Windows / Macintosh Compatible

Review of Clinical Anesthesia - Neil Roy Connelly - 2009
Keyed to the newly revised and updated Sixth Edition of Barash, Cullen, Stoelting, Cahanal and Stock's Clinical Anesthesia, this comprehensive review book is an excellent study tool for preparing for written and oral board exams. It contains over 1,000 questions following the format of the actual exams, with answers and succinct, clearly written explanations. The chapters in the review book correspond to the chapters in Clinical Anesthesia, Sixth Edition. The page number in the textbook where more detailed information can be found is cited in the answer to each question. A companion Website will offer an online question bank for easier self-study.

Kaplan's Cardiac Anesthesia E-Book - Joel A. Kaplan - 2016-10-20
Now in a revised and expanded 7th Edition, Kaplan’s Cardiac Anesthesia helps you optimize perioperative outcomes for patients undergoing both cardiac and noncardiac surgery. Dr. Joel L. Kaplan, along with associate editors, Drs. John G. T. Augoustides, David L. Reich, and Gerard R. Manecke, guide you through today’s clinical challenges, including the newest approaches to perioperative assessment and management, state-of-the-art diagnostic techniques, and cardiovascular and coronary physiology. Complete coverage of echocardiography and current monitoring techniques. Guidance from today’s leaders in cardiac anesthesia, helping you avoid complications and ensure maximum patient safety. More than 800 full-color illustrations. A new section on anesthetic management of the cardiac patient undergoing noncardiac surgery. New availability as an eBook download for use the in OR. Online-only features, including quarterly updates, an ECG atlas, increased number of videos, including 2-D and 3-D TEE techniques in real time and an Annual Year End Highlight from the Journal of Cardiovascular Anesthesia that’s posted each February.
Kaplan’s Essentials of Cardiac Anesthesia E-Book - Joel A. Kaplan - 2017-10-13

Trusted authorities deliver the key cardiac anesthesia knowledge you need to know. A concise, user-friendly format and key points in each chapter help you quickly locate crucial information. Annotated references guide you to the most practical additional resources. A portable size and clinical emphasis facilitates and enhances bedside patient care. Designed as a companion to Kaplan’s Cardiac Anesthesia. Includes new topics vital to the current practice of cardiac anesthesiologists, such as transesophageal echocardiography; percutaneous valve procedures; new pacemakers and automatic internal defibrillators used for cardiac resynchronization therapy; left ventricular assist devices and extracorporeal membrane oxygenation therapy of heart failure; and patient safety issues. Focuses on today’s most current and relevant therapies, including New Cardiac Drugs, and Heart Mate, Heart Ware, and Impella LVADs. Describes care of the cardiac patient in Hybrid Operating Rooms, Catheterization Laboratories, and Electrophysiology Laboratories, as well as the Cardiac Operating Rooms. Perfectly suited for residents, fellows, nurse anesthetists and anesthesiologists in practice.

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Faust’s Anesthesiology Review E-Book - Michael J. Murray - 2014-03-10

Quickly expand your knowledge base and master your residency with Faust’s Anesthesiology Review, the world’s best-selling review book in anesthesiology. Combining comprehensive coverage with an easy-to-use format, this newly updated medical reference book is designed to efficiently equip you with the latest advances, procedures, guidelines, and protocols. It’s the perfect refresher on every major aspect of anesthesia. Take advantage of concise coverage of a broad variety of timely topics in anesthesia. Focus your study time on the most important topics, including anesthetic management for cardiopulmonary bypass, off-pump coronary bypass, and automatic internal cardiac defibrillator procedures; arrhythmias; anesthesia for magnetic resonance imaging; occupational transmission of blood-borne pathogens; preoperative evaluation of the patient with cardiac disease; and much more. Search the entire contents online at Expert Consult.com.

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Clinical Monitoring for Anesthesia & Critical Care - Carol L. Lake - 1994

Describes devices and techniques used for monitoring specific mechanical or physiologic parameters. Coupled with the functional approach to monitors is a comprehensive clinical review of the specialized monitoring used in cardiac anesthesia, neuroanesthesia, obstetric anesthesia, and intensive care units. Extensive descriptions of prominent features of this book. Demonstrates both how to work and maintain equipment and how to put the results to effective use Describes both invasive and noninvasive monitoring devices as well as automated and nonautomated monitoring methods. Reviews the applied physiology relevant to clinical care that forms the basis for monitoring each chapter.

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Anesthesia: A Comprehensive Review is an invaluable study tool for certification and recertification as well as a superb way to ensure mastery of all the key knowledge in anesthesiology. Brian A. Hall and Robert C. Chantigian present nearly 1000 completely updated review questions—vetted by Mayo residents—that cover the latest discoveries and techniques in physics, biochemistry, and anesthesia equipment; the newest drugs and drug categories; and the most recent information on all anesthesia subspecialties. They cover everything from the basic sciences to general anesthesia and subspecialty considerations, with an emphasis on the most important and clinically relevant principles. Access discussions of each question as well as page references to major anesthesia texts. You’ll have the ultimate review guide for the ABA written exam. Tests your knowledge of anesthesia through the most comprehensive coverage of basic science and clinical practice for an effective review. Features questions vetted by Mayo residents to ensure a consistent level of difficulty from trustworthy sources. Presents 997 thoroughly revised questions for the most current and comprehensive review of board material, covering the latest discoveries and techniques in physics, biochemistry, and anesthesia equipment; the newest drugs and drug categories; and the most recent information on all anesthesia subspecialties. Compiles with the new ABA format so you have an accurate representation of the new question style and can prepare effectively. Includes discussions after each question, along with references to major anesthesia texts so it’s easy to find more information on any subject.


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Essential Clinical Anesthesiology Review - Linda S. Aglio - 2015-01-08

Evidence-based board review book, organized according to the ABA keyword list, with concise discussion and clinical review questions and answers.
Review of Clinical Anesthesia - Neil Connelly - 2013-04-23

Sharing the distinguished reputation of its companion text, Clinical Anesthesia, Seventh Edition, this completely updated edition of Review of Clinical Anesthesia provides an effective and comprehensive review in preparation of written and oral exams. With the intense volume of information available today, trying to keep up with what’s new and relevant can overwhelm students and professionals alike. This text gives you the means to stop and review what you’ve learned with a sense of context and perspective. The multiple-choice questions in this text can be used as a means of self-assessment before taking a written examination. Additionally, the book may be of even greater benefit if it is incorporated throughout one’s studies; a pretest will help the novice as well as the expert focus his or her reading; a post-test will allow one to assess self-mastery of the most relevant material.

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Anesthesia - Brian A. Hall - 2003

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Perioperative Pharmacotherapy, an Issue of Anesthesiology Clinics, 28 - Alan Kaye - 2010-12

In this issue of the Anesthesiology Clinics, there are many exciting pharmacology reviews giving us a glimpse into future practice. It begins with a definitive review by Drs. Pamela Palmer and Ronald Miller on current and developing methods of patient-controlled analgesia. There are five focused reviews on drugs designed and utilized in pain management and drug addiction: buprenorphine, acetaminophen, an oral sufentanil preparation, and tapentadol. These reviews are timely because so many new drugs have come to market to modulate and to better target pain and inflammation. Likewise, there has been an explosion in use of a number of anticoagulants that modulate the coagulation cascade. Two reviews provide a clear understanding of how many of these newer agents work, discussion of the new recombinant activated factor VII (Novo7(R)), and guidelines for these drugs in clinical anesthesia and pain practice. Evolving understanding and clinical use of dextemetomidine, in the OR, ICU, and peripheral sites has reshaped the practice of sedation for a large population of patients. These topics describe highly clinically relevant perioperative agents. There are also reviews on pharmacological options in the management of patients with hypertension, cardiac disease, and new cardiac anesthesia agents in the OR and ICU. There is a special review on the role of statins in cardiovascular anesthesia, a very exciting and evolving topic. Also reviewed is levosimendan, a calcium sensitizer utilized for acutely compensated congestive heart failure and shown to reduce cardiac troponin release after cardiac surgery. Lastly, the future of induction and inhalation agents and structure-based modifications are examined.

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A Practical Approach to Cardiac Anesthesia - Frederick A. Hensley - 2008

The most widely used clinical reference in cardiac anesthesia, this large handbook provides complete information on drugs, monitoring, cardioisprumonary bypass, circulatory support, and anesthetic management of specific cardiac disorders. It incorporates clinically relevant basic science into a practical “what-to-do” approach and is written in an easy-to-read outline format. This edition has a new chapter on surgical ventricular restoration, LV aneurysm, and CHF-related surgical procedures. Chapters provide increased coverage of postoperative atrial fibrillation prevention and treatment, drugs in perioperative risk reduction, and the role of inhalational anesthetics in organ protection via anesthetic preconditioning. This edition also has a revamped art program.
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Anesthesia Secrets E-Book - Brian M Keech - 2020-04-23

For more than 30 years, the highly regarded Secrets Series® has provided students and practitioners in all areas of health care with concise, focused, and engaging resources for quick reference and exam review. Anesthesia Secrets, 6th Edition offers practical, up-to-date coverage of the full range of essential topics in the practice of anesthesiology. This bestselling resource features the Secrets’ popular question-and-answer format that also includes lists, tables, pearls, memory aids, and an easy-to-read style – making inquiry, reference, and review quick, easy, and enjoyable. The proven Secrets Series® format gives you the most return for your time – succinct, easy to read, engaging, and highly effective. Fully revised and updated throughout, including protocols and guidelines that are continuously evolving and that increasingly dictate best practices. New chapters on Electrocardiogram Interpretation, Cardiac Physiology, Vasoactive Agents, Volume Assessment, Blood Pressure Disturbances, Mechanical Ventilation Strategies, Perioperative Point-of-Care Ultrasound and Echocardiography, Neuromuscular Techniques, Peripheral Nerve and Trunk Blocks, Patient Safety, and Medical Ethics. Top 100 Secrets and Key Points boxes provide a fast overview of the secrets you must know for success in practice and on exams. Features bulleted lists, mnemonics, practical tips from leaders in the field – all providing a concise overview of important board-relevant content. Portable size makes it easy to carry with you for quick reference or review anywhere, anytime.


This issue of Anesthesiology Clinics, edited by Dr. Karsten Bartels and Dr. Stefan Dieleman in collaboration with Consulting Editor Dr. Lee Fleisher, focuses on Cardiothoracic Anesthesia and Critical Care. Topics in this issue include: Anesthetic Management for Endovascular Repair of the Thoracic Aorta; Ethical Considerations for Mechanical Support; Modulating Perioperative Ventricular Excitability; Echocardiography Education for Anesthesia Trainees; Mitochondrial Dysfunction After Cardiac Surgery; New Approaches to Perioperative Right Ventricular Assessment; New Techniques for Optimization of Donor Lungs/Hearts; Recent Developments in Catheter-Based Cardiac Procedures; Heart Failure in Adults with Congenital Heart Disease; Optimizing Perioperative Blood and Coagulation Management During Cardiac Surgery; Advances in the Prevention of AKI Following Cardiac Surgery; Clinical Trials That Should Be Done in Cardiac Anesthesia; and Cardiac Surgery and the Blood-Brain Barrier.
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, allowing these professionals to anticipate, prevent or else treat such pathologies. The book will cover specific cardiac lesions, review their anatomy, pathophysiology, current preoperative, intraoperative and postoperative assessment and management; medical and surgical complications will be briefly described with each lesion further discussed in specific chapters. In addition, the book will have dedicated chapters to management of cardiac patients on extracorporeal membrane oxygenation, hemofiltration, hemo or peritoneal dialysis and plasma exchange. Practical guidelines for cardiovascular nursing care will be also included.

**Essential Clinical Anesthesia** - Charles Vacanti - 2011-07-11

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**Critical Care of Children with Heart Disease** - Ricardo Munoz - 2010-06-21

Critical Care of Children with Heart Disease will summarize the comprehensive medical and surgical management of the acutely-ill patient with congenital and acquired cardiac disease. The aim of the book is to teach bedside physicians, nurses and other caregivers, basic and practical concepts of anatomy, pathophysiology, surgical techniques and peri-operative management of critically ill children and adults with congenital heart disease, allowing these professionals to anticipate, prevent or else treat such pathologies. The book will cover specific cardiac lesions, review their anatomy, pathophysiology, current preoperative, intraoperative and postoperative assessment and management; medical and surgical complications will be briefly described with each lesion further discussed in specific chapters. In addition, the book will have dedicated chapters to management of cardiac patients on extracorporeal membrane oxygenation, hemofiltration, hemo or peritoneal dialysis and plasma exchange. Practical guidelines for cardiovascular nursing care will be also included.

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**Anesthesia Review** - Lorraine M. Sdrales - 2001

Hundreds of challenging review questions cover a complete range of essential topics in anesthesia – from physiological and pharmacologic principles through anesthetic machine systems, anesthetic delivery in a variety of settings, and anesthesia administration for a full range of disease states. Chapters progress from basic to advanced topics, making it easy to assess any knowledge level. The end of each chapter has complete answers as well as specific page references to Miller: Anesthesia, 5th Edition and Stoelting & Miller: Basics of Anesthesia, 4th Edition. Cross-referenced to the leading textbooks among students, residents and practitioners in anesthesiology Ideal for board preparation or as a refresher for recertification Correct answers are provided along with references to the two main texts for more detailed explanations.
complicated obstetric problems or other significant cardiovascular issues. Features a concise, easy-to-navigate format and Key Points boxes in each chapter that help you find answers quickly. Provides guidance on the anesthetic diagnosis and management of the full range of cardiac lesions, helping minimize adverse outcomes and reduce complications for patients with common, complex, or uncommon cardiac conditions. Includes complete coverage of echocardiography and current monitoring techniques needed for thorough perioperative assessment - all from the anesthesiologist’s perspective. Discusses safe and effective perioperative anesthetic management of patients presenting with advanced levels of cardiac care such as drug-eluting stents, multiple antiplatelet drugs, ventricular assist devices, multiple drugs for end-stage heart failure, and implanted electrical devices that produce cardiac resynchronization therapy, as well as patients with complicated obstetric problems or other significant cardiovascular issues. Features a concise, easy-to-navigate format and Key Points boxes in each chapter that help you find answers quickly.

The MGH Board Review of Anesthesiology - Mark Dershwitz - 1998-09
The only anesthesia board review book with a comprehensive subject index, this new edition has almost twice the number of sample board-type questions as competitive review texts. Updated to include the latest anesthesia drugs and references to current editions of standard anesthesia texts, this review is an ideal resource.

BASIC Essentials - Alopi M. Patel - 2018-11-22
A focused and practical BASIC board review book that provides comprehensive coverage for residents approaching the BASIC exam.

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