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KEY=STANDARDS - WATERS JOURNEY

Miller's Anesthesia E-Book *Elsevier Health Sciences* From fundamental principles to advanced subspecialty procedures, **Miller's Anesthesia** covers the full scope of contemporary anesthesia practice. This go-to medical reference book offers masterful guidance on the technical, scientific, and clinical challenges you face each day, in addition to providing the most up-to-date information available for effective board preparation. Consult this title on your favorite e-reader, conduct rapid searches, and adjust font sizes for optimal readability. Address the unique needs of pediatric patients with guidance from an entire section on pediatric anesthesia. View more than 1,500 full-color illustrations for enhanced visual clarity. Access step-by-step instructions for patient management, as well as an in-depth analysis of ancillary responsibilities and problems. Quickly reference important concepts with 'Key Points' boxes integrated into every chapter. Stay current on today's most recent anesthetic drugs and guidelines/protocols for anesthetic practice and patient safety, and access expanded coverage on new techniques such as TEE and other monitoring procedures. Take advantage of the unique, international perspectives of prominent anesthesiologists from all over the world, including the UK, Australia, India, Brazil, and Germany. Remain at the forefront of new developments in anesthesia with coverage of hot topics including Non-OR Anesthesia; Role of the Anesthesiologist in Disasters; Sleep Medicine in Anesthesia; Perioperative and Anesthesia-related Neurotoxicity; Anesthetic Implications of Complementary and Alternative Medicine; and Robotics. Study brand-new chapters on Perioperative Fluid Management; Extracorporeal Support Therapies; Anesthesia for Organ Donation/Procurement; and Malignant Hyperthermia and other Genetic Disorders. **Clinical Calculations - E-Book With Applications to General and Specialty Areas** *Elsevier Health Sciences* Learn to calculate drug dosages safely, accurately, and easily with Kee's **Clinical Calculations, 9th Edition!** This market-leading text covers all four major drug calculation methods, including ratio & proportion, formula, fractional equation, and dimensional analysis. It also includes practice problems for both general care as well as specialty areas such as pediatrics, labor and delivery, critical care, and community nursing. With its market-leading, comprehensive coverage; strong emphasis on patient safety; and the incorporation of the latest information on antidiabetic agents, anticoagulant agents, drug administration techniques, and devices; Kee remains the winning choice for easy drug calculation mastery. Coverage of all four major drug calculation methods includes ratio & proportion, formula, fractional equation, and dimensional analysis to help you learn and apply the method that works best for you. The latest information on drug administration techniques and devices helps you master the most up-to-date techniques of drug administration, including oral, intravenous, intra-muscular, subcutaneous, and other routes. Caution boxes provide alerts to problems or issues related to various drugs and their administration. Information on infusion pumps covers enteral, single, multi-channel, PCA, and insulin; and explains their use in drug administration. Calculations for Specialty Areas section addresses the drug calculations needed to practice in pediatric, critical care, labor and delivery, and community settings. Detailed, full-color photos and illustrations show the most current equipment for IV therapy, the latest types of pumps, and the newest syringes. Comprehensive post-test lets you test your knowledge of key concepts from the text. **NEW!** Updated information on Antidiabetic Agents (orals and injectables) has been added throughout the text where appropriate. **NEW!** Updated content on Anticoagulant Agents is housed in an all-new chapter. **NEW!** Colorized abbreviations for the four methods of calculation (BF, RP, FE, and DA) appear in the Example Problems sections. **NEW!** Updated content and patient safety guidelines throughout the text reflects the latest practices and procedures. **NEW!** Updated practice problems across the text incorporate the latest drugs and dosages. **Foundations of Maternal-Newborn and Women's Health Nursing - E-Book** *Elsevier Health Sciences* With easy-to-read coverage of nursing care for women and newborns, **Foundations of Maternal-Newborn & Women's Health Nursing, 6th Edition** shows how to provide safe, competent care in the clinical setting. Evidence-based guidelines and step-by-step instructions for assessments and interventions help you quickly master key skills and techniques. Also emphasized is the importance of understanding family, communication, culture, client teaching, and clinical decision making. Written by specialists in maternity nursing, Sharon Smith Murray and Emily Slone McKinney, this text reflects the latest QSEN competencies, and the accompanying Evolve website includes review questions to prepare you for the NCLEX® exam! **Nursing Care Plans** help you apply the nursing process to clinical situations. Procedure boxes provide clear instructions for performing common maternity skills, with rationales for each step. **UNIQUE!** Therapeutic Communications boxes present realistic nurse-patient dialogues, identifying communication techniques and showing to respond when encountering communication blocks. **Communication Cues** offer tips for interpreting patients' and families' verbal and nonverbal communication. **Critical Thinking** exercises focus on clinical situations designed to test your skills in

prioritizing and critical thinking. Updated drug guides list important indications, adverse reactions, and nursing considerations for the most commonly used medications. Check Your Reading helps you assess your mastery of key content. Critical to Remember boxes highlight and summarize need-to-know information. Want to Know boxes provide guidelines for successful client education. Glossary provides definitions of all key terms. NEW! Safety Alerts help you develop competencies related to QSEN and safe nursing practice. NEW! Unfolding case studies help you apply what you've learned to practice. UPDATED Evidence-Based Practice boxes highlight the latest research and the most current QSEN (Quality and Safety Education for Nurses) practice guidelines for quality care. UPDATED content includes the late preterm infant, fetal heart rate pattern identification, obesity in the pregnant woman, and the QSEN competencies.

Hematology E-Book Basic Principles and Practice, Expert Consult Premium Edition - Enhanced Online Features *Elsevier Health Sciences Hematology, 6th Edition* encompasses all of the latest scientific knowledge and clinical solutions in the field, equipping you with the expert answers you need to offer your patients the best possible outcomes. Ronald Hoffman, MD, Edward J. Benz, Jr., MD, Leslie E. Silberstein, MD, Helen Heslop, MD, Jeffrey Weitz, MD, John Anastasi, MD, and a host of world-class contributors present the expert, evidence-based guidance you need to make optimal use of the newest diagnostic and therapeutic options. Consult this title on your favorite e-reader with intuitive search tools and adjustable font sizes. Elsevier eBooks provide instant portable access to your entire library, no matter what device you're using or where you're located. Make confident, effective clinical decisions by consulting the world's most trusted hematology reference. Access the complete contents online at www.expertconsult.com, with a downloadable image collection, regular updates, case studies, patient information sheets, and more. Apply all the latest knowledge on regulation of gene expression, transcription splicing, and RNA metabolism; pediatric transfusion therapy; principles of cell-based gene therapy; allogeneic hematopoietic stem cell transplantation for acute myeloid leukemia and myelodysplastic syndrome in adults; hematology in aging; and much more, thanks to 27 brand-new chapters plus sweeping updates throughout. Find the information you need quickly and easily thanks to a completely reworked organization that better reflects today's clinical practice. Visualize clinical problems more clearly with new and updated images that reflect the pivotal role of hematopathology in modern practice. Benefit from the experience and fresh perspective of new editor Dr. Jeffrey Weitz, Professor of Medicine at McMaster University School of Medicine and Executive Director of the Thrombosis and Atherosclerosis Research Institute in Ontario. **Hematology: Diagnosis and Treatment** *Elsevier Health Sciences The Hematology: Diagnosis and Treatment eBook* is the ideal mobile resource in hematology! It distills the most essential, practical information from *Hematology: Basic Principles and Practice, 6th Edition* - the comprehensive masterwork by Drs. Hoffman, Benz, Silberstein, Heslop, Weitz, and Anastasi - into a concise, clinically focused resource that's optimized for reference on any e-reader. Focusing on the dependable, state-of-the-art clinical strategies you need to optimally diagnose and manage the full range of blood diseases and disorders, this eBook is a must-have for every hematologist's mobile device! Apply the latest know-how on heparin-induced thrombocytopenia, stroke, acute coronary syndromes, hematologic manifestations of liver disease, hematologic manifestations of cancer, hematology in aging, and many other hot topics. Get quick, focused answers on the diagnosis and management of blood diseases - in a portable digital format that you can carry and consult anytime, anywhere. View abundant images that mirror the pivotal role hematopathology plays in the practice of modern hematology. Count on all the authority that has made *Hematology: Basic Principles and Practice, 6th Edition*, edited by Drs. Hoffman, Benz, Silberstein, Heslop, Weitz, and Anastasi, the go-to clinical reference for hematologists worldwide. Consult this title on your favorite e-reader, conduct rapid searches, and adjust font sizes for optimal readability. Compatible with Kindle®, nook®, and other popular devices.

Campbell-Walsh Urology E-Book *Elsevier Health Sciences Internationally lauded as the preeminent text in the field, Campbell-Walsh Urology continues to offer the most comprehensive coverage of every aspect of urology. Perfect for urologists, residents, and practicing physicians alike, this updated text highlights all of the essential concepts necessary for every stage of your career, from anatomy and physiology through the latest diagnostic approaches and medical and surgical treatments. The predominant reference used by The American Board of Urology for its examination questions. Algorithms, photographs, radiographs, and line drawings illustrate essential concepts, nuances of clinical presentations and techniques, and decision making. Key Points boxes and algorithms further expedite review. Features hundreds of well-respected global contributors at the top of their respective fields. A total of 22 new chapters, including Evaluation and Management of Men with Urinary Incontinence; Minimally-Invasive Urinary Diversion; Complications Related to the Use of Mesh and Their Repair; Focal Therapy for Prostate Cancer; Adolescent and Transitional Urology; Principles of Laparoscopic and Robotic Surgery in Children; Pediatric Urogenital Imaging; and Functional Disorders of the Lower Urinary Tract in Children. Previous edition chapters have been substantially revised and feature such highlights as new information on prostate cancer screening, management of non-muscle invasive bladder cancer, and urinary tract infections in children. Includes new guidelines on interstitial cystitis/bladder pain syndrome, uro-trauma, and medical management of kidney stone disease. Anatomy chapters have been expanded and reorganized for ease of access. Boasts an increased focus on robotic surgery, image-guided diagnostics and treatment, and guidelines-based medicine. Medicine eBook is accessible on a variety of devices.*

Industrial Automated Systems: Instrumentation and Motion Control *Cengage Learning INDUSTRIAL AUTOMATED SYSTEMS: INSTRUMENTATION AND MOTION CONTROL*, is the ideal book to provide readers with state-of-the art coverage of the full spectrum of industrial maintenance and control, from servomechanisms to instrumentation. Readers will learn about components, circuits, instruments, control techniques, calibration, tuning and programming associated with industrial automated systems. **INDUSTRIAL AUTOMATED SYSTEMS: INSTRUMENTATION AND MOTION CONTROL**, focuses on operation, rather than mathematical design concepts. It is formatted into sections so that it can be used for a variety of courses, such as electrical motors, sensors, variable speed drives, programmable logic controllers, servomechanisms, and various instrumentation and process classes. This book also offers readers a broader coverage of industrial maintenance and automation information than other

books and provides them with a more extensive collection of supplements, including a lab manual and two hundred animated multimedia lessons on a CD. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version. **Rosen's Emergency Medicine - Concepts and Clinical Practice E-Book 2-Volume Set** *Elsevier Health Sciences* Rely on Rosen's Emergency Medicine for the latest answers on every facet of emergency medicine practice. For decades, this medical reference book has set the standard in emergency medicine, offering unparalleled comprehensiveness, clarity, and authority - to help you put the latest and best knowledge to work for your patients in the ER. Consult this title on your favorite e-reader, conduct rapid searches, and adjust font sizes for optimal readability. Compatible with Kindle®, nook®, and other popular devices. Practice confidently with easily actionable, dependable guidance on the entire breadth of emergency medicine topics. Get expert guidance on how to approach specific clinical presentations in the ER. The "Cardinal Presentations Section" provides quick and easy reference to differential diagnosis and directed testing for fever in the adult patient; dizziness and vertigo; chest pain; and over 20 other frequently seen presentations in the emergency department. Effectively apply the newest emergency medicine techniques and approaches, including evidence-based therapies for shock; high-cost imaging; evaluation and resuscitation of the trauma patient; cardiovascular emergencies; evaluation and risk stratification for transient ischemic attack (TIA) patients; and much more. Locate the answers you need quickly thanks to a user-friendly, full-color design, complete with more illustrations than ever before. Access the complete contents on the go from your laptop or mobile device at Expert Consult, fully searchable, with links to PubMed. **Brenner and Rector's The Kidney E-Book** *Elsevier Health Sciences* Overcome the toughest clinical challenges in nephrology with the new 9th edition of Brenner/Rector's The Kidney! A brand-new editorial team of Drs. Maarten W. Taal, Glenn M. Chertow, Philip A. Marsden, Karl Skorecki, Alan S. L. Yu, and Barry M. Brenner,, together with a diverse list of international contributors bring you the latest knowledge and best practices on every front in nephrology worldwide. Brand-new sections on Global Considerations in Nephrology and Pediatric Nephrology, as well as new chapters on recent clinical trials, cardiovascular and renal risk prediction in chronic kidney disease, identification of genetic causes of kidney disease, and many others, keep you at the forefront of this rapidly growing, ever-changing specialty. Brenner/Rector remains the go-to resource for practicing and training nephrologists and internists who wish to master basic science, pathophysiology, and clinical best practices. Broaden your knowledge base with expert, dependable, comprehensive answers for every stage of your career from the most comprehensive, definitive clinical reference in the field! Prepare for certification or recertification with a review of the basic science that underpins clinical nephrology as well as a comprehensive selection of the most important bibliographical sources in nephrology. Visually grasp and better understand critical information with the aid of over 700 full-color high-quality photographs as well as carefully chosen figures, algorithms, and tables to illustrate essential concepts, nuances of clinical presentation and technique, and decision making. Get internationally diverse, trusted guidance and perspectives from a team of well-respected global contributors, all of whom are at the top and the cutting edge of your field. A new editorial team headed by Dr. Taal and hand-picked by Dr. Brenner ensures the ongoing adherence to previous standards of excellence. Access information quickly thanks to a new, reorganized format and supplemental figures, tables, additional references, and expanded discussions. Keep current with the rapid development of care and research worldwide. A new section, "Global Considerations", focuses on regions outside Europe and North America. Leading experts from Latin America, Africa, Near and Middle East, Indian Subcontinent, Far East, Oceania and Australia present their expert insights into specific conditions, as well as progress and challenges in the development of the specialty. Improve therapy and outcomes for children with renal disease. New to this edition, "Pediatric Nephrology" addresses renal pathologies that usually present in childhood and covers topics such as Maturation of Kidney Structure and Function; Fluid; Electrolyte and Acid-Base Disorders in Children; Diseases of the Kidney and Urinary Tract in Children; Dialysis in Children; and Kidney Transplantation in Children. Stay up to date with all the latest clinical information including recent clinical trials, genetic causes of kidney disease, and cardiovascular and renal risk prediction in chronic kidney disease. **Munro Kerr's Operative Obstetrics E-Book** *Elsevier Health Sciences* A highly illustrated, practical book covering the obstetric and surgical procedures used in intrapartum care, including commonly used procedures such as assisted vaginal delivery (forceps and vacuum delivery) and more rare techniques such as major vessel ligation and embolization and internal podalic version. The authors take a step-by-step approach to each technique and includes 'tips' and 'pointers' that only an experienced obstetrician would be able to describe. The book is enlivened by the inclusion of short, relevant 'historical highlights'- readers should find these enlightening and entertaining, providing a link with the original Munro Kerr text. Focuses on the intrapartum aspects of obstetric practice - the focus of medico-legal and clinical audit attention Highly illustrated to show techniques in detail Offers tips and advice to the trainee Emphasis on practical matters - a step-by-step approach Includes historical boxes to enliven and entertain Completely re-written from the 10th edition - new authors, new, crisp approach, using short paragraphs and bullet points Over 150 line drawings and black and white clinical photos 10-20 photos to show actual soft-tissue structures **Nathan and Oski's Hematology and Oncology of Infancy and Childhood E-Book** *Elsevier Health Sciences* Written by the leading names in pediatric oncology and hematology, Nathan and Oski's Hematology and Oncology of Infancy and Childhood offers you the essential tools you need to overcome the unique challenges and complexities of childhood cancers and hematologic disorders. Meticulously updated, this exciting full-color set brings together the pathophysiology of disease with detailed clinical guidance to provide you with the most comprehensive, authoritative, up-to-date information for diagnosing and treating children. Consult this title on your favorite e-reader, conduct rapid searches, and adjust font sizes for optimal readability. Form a definitive diagnosis and create the best treatment plans possible with comprehensive coverage of all pediatric cancers, including less-common tumors, as well as all hematologic disorders, including newly recognized ones. Develop a thorough, understanding of the underlying science of diseases through summaries of relevant pathophysiology balanced with clear, practical clinical guidance. Nathan and Oski's is

the only comprehensive product on the market that relates pathophysiology in such depth to hematologic and oncologic diseases affecting children. Quickly and effortlessly access the key information you need with the help of a consistent organization from chapter to chapter and from volume to volume. Stay at the forefront of your field thanks to new and revised chapters covering topics such as paroxysmal nocturnal hemoglobinuria, lysosomal storage diseases, childhood genetic predisposition to cancer, and oncology informatics. Learn about the latest breakthroughs in diagnosis and management, making this the most complete guide in pediatric hematology and oncology. Discover the latest in focused molecularly targeted therapies derived from the exponential growth of knowledge about basic biology and genetics underlying the field. Rely on it anytime, anywhere! *Maternal Child Nursing Care - E-Book Elsevier Health Sciences* Written by the foremost experts in maternity and pediatric nursing, *Maternal Child Nursing Care, 5th Edition* offers the accurate, practical information you need to succeed in the classroom, the clinical setting, and on the NCLEX® examination. This new edition offers numerous content updates throughout the text to keep you up-to-date on the latest topics and best practices. Plus hundreds of illustrations, alert boxes, and tables clarify key content and help you quickly find essential information. Atraumatic Care boxes in the pediatric unit teach you how to provide competent and effective care to pediatric patients with the least amount of physical or psychological stress. Community Focus boxes emphasize community issues, supply resources and guidance, and illustrate nursing care in a variety of settings. Critical thinking case studies offer opportunities to test and develop your analytical skills and apply knowledge in various settings. Emergency boxes in the maternity unit guide you through step-by-step emergency procedures. Expert authors of the market-leading maternity and pediatric nursing textbooks combine to ensure delivery of the most accurate, up-to-date content. Family-Centered Care boxes highlight the needs or concerns of families that you should consider to provide family-centered care. NEW! Content updates throughout the text give you the latest information on topics such as the late preterm infant, fetal heart rate pattern identification, obesity in the pregnant woman, shaken baby syndrome/traumatic brain injury, Healthy People 2020, car restraints, immunizations, and childhood obesity. NEW! Updated Evidence-Based Practice boxes including QSEN KSAs (knowledge, skills, attitudes) provide the most current practice guidelines to promote quality care. NEW! Medication Alerts stress medication safety concerns for better therapeutic management. NEW! Safety Alerts highlighted and integrated within the content draw attention to developing competencies related to safe nursing practice. *Nurse Anesthesia - E-Book Elsevier Health Sciences* Gain the knowledge and skills you need for clinical anesthesia practice! Written specifically for nurse anesthetists, *Nurse Anesthesia, 7th Edition* provides a solid foundation in scientific principles and evidence-based practice. Coverage includes a review of pharmacology, pharmacokinetics and pharmacodynamics, drug receptor concepts, intravenous agents, neuromuscular blocking agents, and more, followed by a discussion of anesthesia equipment and clinical monitoring, preoperative preparation of the patient, and the use of anesthesia for a variety of surgical procedures. From a team of expert authors led by Sass Elisha, Jeremy S. Heiner, and John J. Nagelhout, this text helps you prepare for certification and also provides a key reference for CRNAs to use in daily practice. Updated information on pharmacology includes pharmacokinetics, drug delivery systems, opiate antagonists, and key induction drugs. Interactions with other anesthetic agents are integrated where appropriate, along with other important considerations. Overview of basic science provides a thorough basis for understanding nurse anesthesia. Information on Joint Commission (TJC) standards covers monitoring and administering moderate sedation/analgesia, also adding coverage of patient safety, monitoring, and pharmacology. More than 800 full-color photos and illustrations depict anatomy, procedures, concepts, and equipment. Logical organization of the text covers basic principles first, and builds on those with individual chapters for each surgical specialty. More than 800 tables and boxes summarize essential information in a quick, easy-to-reference format. UNIQUE! Expert CRNA authors provide the most up-to-date clinical information for CRNAs to use in daily practice. Handy references make it quick and easy to find the latest and most important research in the field. NEW! Updated content reflects the latest changes in the industry. NEW! Two new chapters include Crisis Resource Management and Patient Safety and Infection Control and Prevention. *Basics of Anesthesia E-Book Elsevier Health Sciences* With the most authoritative and complete overview of anesthesia theory and practice, the latest edition of *Basic Anesthesia*, edited by noted anesthesiologist Ronald D. Miller, MD and Manuel C. Pardo, Jr., MD, continues to serve as an excellent primer on the scope and practice of anesthesiology. Widely acknowledged as the foremost introductory text, the new edition—now presented in full color throughout—has been thoroughly updated to reflect new and rapidly changing areas in anesthesia practice including new chapters on awareness under anesthesia, quality and patient safety, orthopedics, and expanded coverage of new ultrasound techniques in regional anesthesiology with detailed illustrated guidance. Obtain a clear overview of everything you need to know about the fundamentals of anesthesia, including basic science and emerging clinical topics. Efficiently retain and synthesize information more easily thanks to a concise, at-a-glance format with numerous illustrations and tables throughout the book that condense complex concepts, and ‘Questions of the Day’ to assist you in understanding key material presented in each chapter. Discover the newest in anesthesiology with rigorously updated chapters and the addition of appropriate new chapters on important emerging topics such as awareness under anesthesia; quality and patient safety; orthopedics; and expanded coverage of new ultrasound techniques in regional anesthesiology. Learn from one of the very best. World-renowned anesthesiologist Dr. Ronald D. Miller, along with new co-editor Dr. Manuel Pardo, presents definitive coverage on new and rapidly changing areas in anesthesia practice. Grasp vital concepts easily thanks to concise, easy-to-read, masterfully edited chapters and a user-friendly format—now presented in full color throughout. Gain a detailed visual understanding on how to perform ultrasound techniques in regional anesthesiology (Peripheral Nerve Blocks) using illustrations and high-quality images. *Hematology: Basic Principles and Practice E-Book Elsevier Health Sciences* Get the expert guidance you need to offer your patients the best possible outcomes with *Hematology: Basic Principles and Practice, 7th Edition*. This thoroughly up-to-date text contains both unparalleled scientific content and must-know clinical guidance, so you can enhance your problem-

solving skills and make optimal use of the newest diagnostic techniques and therapeutic options in this fast-changing field. Delivers state-of-the-art information and guidance from editors and global contributors who are at the forefront of their respective subspecialty areas. Features sweeping content updates throughout, including basic science research which serves as a foundation for modern hematology, recent advances in stem cell transplantation, clinical advances in the treatment of each of the hematologic malignancies, immune checkpoint inhibitors, molecular diagnostics, transfusion medicine, and much more. Includes several new chapters including Epigenetics and Epigenomics, Stem Cell Model of Hematologic Diseases, Multiple Myeloma, IND Enabling Processes for Cell-Based Therapies, and Immune Checkpoint Blockade in Hematologic Malignancies. **Nelson Textbook of Pediatrics E-Book Elsevier Health Sciences** Welcome to the 21st Edition of Nelson Textbook of Pediatrics - the reference of choice among pediatricians, pediatric residents, and others involved in the care of young patients. This fully revised edition continues to provide the breadth and depth of knowledge you expect from Nelson, while also keeping you up to date with new advances in the science and art of pediatric practice. Authoritative and reader-friendly, it delivers the information you need in a concise, easy-to-use format for everyday reference and study. From rapidly changing diagnostic and treatment protocols to new technologies to the wide range of biologic, psychologic, and social problems faced by children today, this comprehensive reference keeps you on the cutting edge of the very best in pediatric care. Includes more than 70 new chapters, including Postural Orthostatic Tachycardia Syndrome (POTS), Rare and Undiagnosed Diseases, Approach to Mitochondrial Disorders, Electronic Nicotine Delivery Systems, Zika, update on Ebola, Epigenetics, Autoimmune Encephalitis, Global Health, Racism, Media Violence, Strategies for Health Behavior Change, Positive Parenting, and many more. Features hundreds of new figures and tables throughout for visual clarity and quick reference. Offers new and expanded information on CRISPR gene editing; LGBT health care; gun violence; vaccinations; immune treatment with CAR-T cells; new technology in imaging and genomics; new protocols in cancer, genetics, immunology, and pulmonary medicine; and much more. Provides fresh perspectives from four new associate editors: Nathan J. Blum of The Children's Hospital of Philadelphia; Karen Wilson of Mt. Sinai School of Medicine in New York; Samir S. Shah of Cincinnati Children's Hospital Medical Center; and Robert C. Tasker of Boston Children's Hospital. Remains your indispensable source for definitive, evidence-based answers on every aspect of pediatric care. **Pathophysiology - E-Book Elsevier Health Sciences** A clear, comprehensive introduction to disease, Pathophysiology, 5th Edition explores the etiology, pathogenesis, clinical manifestations, and treatment of disorders. Units are organized by body system, and each begins with an illustrated review of anatomy and normal physiology. A discussion then follows on the disease processes and abnormalities that may occur, with a focus on the pathophysiologic concepts involved. Written by leading educators Lee-Ellen Copstead and Jacquelyn Banasik, Pathophysiology simplifies a rigorous subject with practical learning resources and includes coverage of the latest scientific findings and relevant research 900 full-color illustrations clarify complex pathophysiological concepts. Easy-to-read style includes many tables, boxes, and figures to highlight and simplify content. Key Questions at the beginning of each chapter highlight key objectives and help you develop and use critical thinking skills. Key Points boxes focus on the most important information. Geriatric Considerations boxes analyze the age-related changes associated with a specific body system. A chapter summary gives you a quick wrap-up of the key content in each chapter. NEW! Pediatric Considerations boxes with accompanying flow charts describe conditions and changes specific to young children. NEW! Updated content includes the latest information on new treatment advances, the relationship between stress and inflammation to cardiovascular disease, and much more throughout the text. NEW! Global Health Considerations tables include information on HIV/AIDS and depression/anxiety in women. **Avery's Diseases of the Newborn E-Book Elsevier Health Sciences** Covering the evaluation and management of every key disease and condition affecting newborns, Avery's Diseases of the Newborn, by Drs. Christine A. Gleason and Sandra E. Juul, remains your #1 source for practical, clinically relevant information in this fast-changing field. You'll find the specific strategies you need to confidently diagnose and treat this unique patient population, in a full-color, easy-to-use single volume that focuses on key areas of practice. Now in a thoroughly revised 10th Edition, this highly respected reference is an authoritative clinical resource for neonatal practitioners. Provides up-to-date information on every aspect of newborn evaluation and management in a new, visually improved format featuring more than 500 all-new, full-color illustrations integrated within each chapter. Includes greatly expanded Neurology and Hematology sections that highlight the knowledge and expertise of new co-editor, Dr. Sandra E. Juul. Features all-new chapters on Palliative Care, Gastroesophageal Reflux, Platelet Disorders, Transfusion Therapy, Hypertension, , and The Ear and Hearing Disorders, as well as expanded coverage of brain injury and neuroprotective strategies in the preterm and term infant. Contains new Key Points boxes at the beginning of every chapter. Brings you up to date on current topics such as the evolving epidemic of neonatal abstinence syndrome and the new clinical uses of ultrasound. **McCurnin's Clinical Textbook for Veterinary Technicians - E-Book Elsevier Health Sciences** Immerse yourself in every aspect of the veterinary technology field with McCurnin's Clinical Textbook for Veterinary Technicians, 9th Edition, covering small and large animals, birds, reptiles, and small mammals. With a new zoonoses theme threaded throughout each chapter, this comprehensive text describes how each disease affects the host, how it is spread, and how it is treated. Case presentations provide you with relevant, real-life scenarios so you can practice your critical thinking and decision-making skills. Introduction to the concept of the Technician Practice Model ensures that excellent nursing care is provided to each patient. Content on fluid therapy and transfusion medicine keeps you current and prepared for success in practice. Thorough coverage of electrocardiography included in the Emergency Nursing chapter to teach you how to interpret, and how to examine and differentiate, normal from abnormal and dangerous from non-dangerous. Case presentations provide you with real-life scenarios so you can practice your critical thinking and decision-making skills. Large animal care is integrated throughout the book with medical records, dentistry, physical examination, surgical instrumentation, surgical assistance, emergency care, and euthanasia, in addition to the individual Large Animal Medical Nursing chapter, to prepare you to care for large animals. A chapter

dedicated to birds, reptiles, and small mammals keeps you up-to-date with care and treatment for these increasingly popular pets. Comprehensive chapters on pharmacology, pain management, restraint, and veterinary oncology offer a broader understanding of the responsibilities of a technician. Vet Tech Threads design emphasizes important study points and ensures you understand the content introduced to you. Step-by-step instructions and photographs show you how to perform dozens of procedures, and make information readily accessible in emergency and clinical situations. Evolve site with TEACH instructor resources, an image collection, and a test bank accompanies the text, and provides instructors with everything they need to successfully teach each chapter and evaluate students' progress. NEW! Chapter on Veterinary Oncology contains fundamental information on veterinary cancers and current therapies. NEW! Toxicology chapter provides an overview of toxic substances and treatments while helping you understand how to recognize, assess, and manage poison concerns. NEW! The theme of zoonotics is threaded throughout each chapter and emphasized appropriately to increase your understanding of how each disease affects the host, how it is spread, how it is treated, and the necessary safety precautions. NEW! A 2017 winner of the William Holmes McGuffey Longevity Award ("McGuffey") from the Text and Academic Authors Association (TAA). The "McGuffey" recognizes textbooks and learning materials whose excellence has been demonstrated over time. Comprehensive Clinical Nephrology E-Book *Elsevier Health Sciences* Consult this title on your favorite e-reader, conduct rapid searches, and adjust font sizes for optimal readability. The right amount of basic science and practical clinical guidance assists in making efficient and informed decisions. Extensive updates on key topics keep you at the forefront of the field. New chapters on glomerulonephritis associated with complement disorders, interventional treatments for hypertension, renal disease and cancer, and epidemiology and prognostic impact of acute kidney injury. Over 1,500 color illustrations highlight key topics and detail pathogenesis for a full range of kidney conditions and clinical management. Hundreds of color coded algorithms promote quick reference and to help you retain concepts. Over 400 NEW self-assessment questions available at Expert Consult. Midwifery - E-Book Preparation for Practice *Elsevier Health Sciences* Perfect for: • Bachelor of Midwifery students • Postgraduate Midwifery students • Combined Nursing degree students • Combined Nursing degree students Midwifery: Preparation for Practice 3e is the definitive midwifery text for Australian and New Zealand midwifery students. The third edition continues to reinforce the established principles of midwifery philosophy and practice—that of working in partnership with women and midwifery autonomy in practice and from this perspective, presents the midwife as a primary healthcare practitioner. It carefully examines the very different maternity care systems in Australia and New Zealand, exploring both autonomous and collaborative practice and importantly documents the recent reforms in Australian midwifery practice. Midwifery: Preparation for Practice 3e places women and their babies safely at the centre of midwifery practice and will guide, inform and inspire midwifery students, recent graduates and experienced midwives alike. • Key contributors from Australia and New Zealand • Critical Thinking Exercises and Research Activities • Midwifery Practice Scenarios • Reflective Thinking Exercises and Case Studies • Instructor and Student resources on Evolve, including Test Bank questions, answers to Review Questions and PowerPoint presentations. • New chapter on Models of Health • Increased content on cultural considerations, human rights, sustainability, mental health, obesity in pregnancy, communication in complex situations, intervention, complications in pregnancy and birth and assisted reproduction • Midwifery Practice Scenarios throughout. A Practice of Anesthesia for Infants and Children E-Book *Elsevier Health Sciences* Covering everything from preoperative evaluation to neonatal emergencies to the PACU, A Practice of Anesthesia in Infants and Children, 6th Edition, features state-of-the-art advice on the safe, effective administration of general and regional anesthesia to young patients. It reviews underlying scientific information, addresses preoperative assessment and anesthesia management in detail, and provides guidelines for postoperative care, emergencies, and special procedures. Comprehensive in scope and thoroughly up to date, this 6th Edition delivers unsurpassed coverage of every key aspect of pediatric anesthesia. Kaplan's Cardiac Anesthesia E-Book In Cardiac and Noncardiac Surgery *Elsevier Health Sciences* 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...an 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. Smith's Anesthesia for Infants and Children E-Book *Elsevier Health Sciences* Now thoroughly up to date with new chapters, Smith's Anesthesia for Infants and Children, 9th Edition, by Drs. Peter Davis and Franklyn Cladis, covers the information you need to provide effective perioperative care for any type of pediatric surgery. Leading experts in pediatric anesthesia bring you up to date with every aspect of both basic science and clinical practice, helping you incorporate the latest clinical guidelines and innovations in your practice. Quick-reference appendices: drug dosages, growth curves, normal values for pulmonary function tests, and a listing of common and uncommon syndromes. Outstanding visual guidance in full color throughout the book. Consult this title on your favorite e-reader, conduct rapid searches, and adjust font sizes for optimal readability. More than 100 video demonstrations, including new regional anesthesia videos, echocardiograms of congenital heart lesions, anatomic dissections of various congenital heart specimens with audio explanations, various pediatric surgical operative procedures, airway management, and much more. Table of Contents has been reorganized and new chapters added on statistics, sedation, pediatric obesity, and cardiac critical care pediatrics. A new chapter on regional anesthesia for pediatrics, including video and ultrasound demonstrations online. A new

chapter on dermatology, specifically for the anesthesiologist, with more than 100 photos. A new chapter on medical missions to third-world countries, including what you should know before you go. A new Questions chapter provides opportunities for self-assessment. New coverage includes cardiac anesthesia for congenital heart disease, anesthesia outside the operating room, and a new neonatology primer for the pediatric anesthesiologist. **Myles' Textbook for Midwives E-Book** *Elsevier Health Sciences* The most-popular midwifery textbook in the world! The sixteenth edition of this seminal textbook, **Myles Textbook for Midwives**, has been extensively revised and restructured to ensure that it reflects current midwifery practice, with an increased focus on topics that are fundamental to midwifery practice today. Well illustrated to assist visual learning Boxes highlighting significant information to aid study Introduction, Aims of the chapter and Conclusion for each chapter References, Further Reading and Useful websites to promote further learning Glossary of terms and acronyms provide simple definition of more complex terminologies Additional online resources Over 500 multiple-choice questions enable students to test their knowledge Unlabelled illustrations help reinforce learning Full image bank of illustrations to make study more visual and assist with projects. Up-to-date guidance on professional regulation, midwifery supervision, legal and ethical issues, risk management and clinical governance Recognises that midwives increasingly care for women with complex health needs, in a multicultural society Increases confidence in empowering women to make appropriate choices Looks at the dilemmas involved in caring for women with a raised body mass index Chapter on optimising care of the perineum for women with perineal trauma, including those who have experienced female genital mutilation Additional coverage of basic neonatal resuscitation, to reflect the trend for midwives to carry out the neonatal physiological examination Streamlined chapters with similar themes and content, to facilitate learning Full colour illustrations now used throughout the book, in response to student feedback. **Maternity and Women's Health Care - E-Book** *Elsevier Health Sciences* The #1 maternity book in the market is getting even better. **Maternity and Women's Health Care, 11th Edition** provides evidence-based coverage of everything you need to know about caring for women of childbearing age. Not only does this text emphasize childbearing concerns like newborn care, it also addresses wellness promotion and management of women's health problems. In describing the continuum of care, it integrates the importance of understanding family, culture, and community-based care. Boasting new medication alerts and updated content throughout, this edition covers the new maternal levels of care, and the revised AAP policy on breastfeeding and infant sleep. Expert authors of the market-leading maternity nursing textbook deliver the most accurate, up-to-date content. Clinical reasoning case studies provide you with opportunities to test and develop your analytical skills and to apply knowledge in various settings. Community Activity boxes focus on maternal and newborn activities that can be pursued in local community settings and illustrate nursing care in a variety of settings. Cultural Considerations stress the importance of considering the beliefs and health practices of patients from various cultures when providing care. Emergency boxes provide information about various emergency situations and offer a quick reference in critical situations. Family-Centered Care boxes highlight the needs and concerns of families that you should consider to provide family-centered care. Medication guides provide an important reference of drugs and their interactions. Nursing care plans include rationales for interventions and provide you with an overview of, and specific guidelines for, delivering effective nursing care. Safety alerts highlighted and integrated within the content draw attention to developing competencies related to safe nursing practice. Signs of potential complications highlight vital concerns, alerting you to signs and symptoms of complications and the immediate interventions to provide. Teaching for Self-Management boxes highlight important information that nurses need to communicate to patients and families for follow-up care. **Veterinary Anaesthesia E-Book** *Elsevier Health Sciences* This is a fully revised new edition of this essential text covering anaesthesia and analgesia in all large and small animal species. The new edition has greatly expanded sections on anaesthesia of exotic species such as small mammals, llamas, camels and many more, and also has a new section on anaesthesia of wild animals, both large and small, and birds. The book is divided into 3 sections; the first, Principles and Procedures covers pharmacology and pharmacokinetics, monitoring, sedation and premedication and much more. The second section comprises chapters on anaesthesia in all the main species and the third section covers anaesthesia in special cases, complications and crises ! Almost 200 prints and line illustrations enhance the comprehensive text, and make the new edition of **Veterinary Anaesthesia 10/e** an essential purchase for all vets ! all large and small animal species covered in one book: includes new advances in anaesthesia in horses, birds, lab animals and wild animals glossary of USA and UK drug names: up-dated coverage of all new anaesthetic agents in Europe and the USA first section covers principles of drug action, pharmacokinetics and pharmacodynamics the only book to discuss anaesthesia of individual species in detail: lot of info on anaesthesia of goats, sheep and other herbivores such as camels and llamas also covers analgesia in all species chapter on special cases such as anaesthesia in obstetrics chapter on anaesthetic accidents and crises ! the new edition will be made more student-friendly by adding special boxes in the text which will be relevant for this group. Full revision and update of content **Consultative Hemostasis and Thrombosis E-Book** *Elsevier Health Sciences* With authoritative coverage of rare and common hemostatic disorders, **Consultative Hemostasis and Thrombosis, 4th Edition**, keeps you both up to date with all that's new in this fast-moving field as well as reviewing background and development and citing pertinent classical literature. Broad differential diagnoses are provided, underscoring the editors' position that correct treatment begins with correct diagnosis. This trusted resource by Drs. Craig S. Kitchens, Craig M. Kessler, Barbara A. Konkle, Michael B. Streiff, and David A. Garcia is designed for rapid reference and critical decision making at the point of care. **The Vein Book** *Oxford University Press* The **Vein Book** provides complete, authoritative, and up-to-date information about venous function and dysfunction, bridging the gap between clinical medicine and basic science. It is the single most authoritative resource on veins and venous circulation. **Trigger Point Dry Needling E-Book** *An Evidence and Clinical-Based Approach* *Elsevier Health Sciences* This exciting new publication is the first authoritative resource on the market with an exclusive focus on Trigger Point ((TrP) dry needling. It provides a detailed and up-to-date scientific perspective against which TrP dry needling can be best

understood. The first section of the book covers important topics such as the current understanding and neurophysiology of the TrP phenomena, safety and hygiene, the effect of needling on fascia and connective tissue, and an account on professional issues surrounding TrP dry needling. The second section includes a detailed and well-illustrated review of deep dry needling techniques of the most common muscles throughout the body. The third section of the book describes several other needling approaches, such as superficial dry needling, dry needling from a Western Acupuncture perspective, intramuscular stimulation, and Fu's subcutaneous needling. Trigger Point Dry Needling brings together authors who are internationally recognized specialists in the field of myofascial pain and dry needling. First book of its kind to include different needling approaches (in the context of evidence) for the management of neuromuscular pain conditions Highlights both current scientific evidence and clinicians' expertise and experience Multi-contributed by a team of top international experts Over 200 illustrations supporting the detailed description of needling techniques Kumar and Clark's Clinical Medicine E-Book *Elsevier Health Sciences* Kumar & Clark's Clinical Medicine 8 builds on the prize-winning formula that won the first prize in the BMA Book Awards Medicine Category in 2010 (7th edition) and 2006 (6th edition). 'This book is comprehensive, student friendly (if still intimidating in size!) and covers such a vast breadth of knowledge. It still remains the primary 'must-have' text book of any budding doctor, or qualified one at that. This book is stunning in its breadth and in its ease of use. It still remains as the 'gold-standard' thorough guide to clinical medicine its forefathers were.' BMA Judges 2010 'This is one of a select few books that deserves to be in most doctors' personal possession and it's as simple as that. ...' Dr Harry Brown. New to this edition: New chapter on palliative medicine. Five times the number of margin clinical photos. New echocardiography images. Double the number of dermatological images; including all the major lesion morphologies covered in a single page. 16 new authors. New sections on protein synthesis, energy production and stem cells. New members of the International Advisory Board from India, South Africa, Poland and the Middle East. 7 new online chapters from the International Advisory Board. Key online features: 30 extra short chapters online, written by members of the International Advisory Board to cover key international issues, such as malaria, envenoming and HIV. Animated practical procedures, including lumbar puncture, central venous and bladder catheterization, arterial cannulation etc. heart and lung sounds, and interactive surface anatomy available online. Full text online through StudentConsult. Add your own notes and bookmarks. Search across all the StudentConsult resources you own online in one place. New to this edition: New chapter on palliative medicine. Five times the number of margin clinical photos. New echocardiography images. Double the number of dermatological images; including all the major lesion morphologies covered in a single page. 16 new authors. New sections on protein synthesis, energy production and stem cells. New members of the International Advisory Board from India, South Africa, Poland and the Middle East. 7 new online chapters from the International Advisory Board. Nurse Anesthesia - E-Book *Elsevier Health Sciences* Gain a thorough understanding of nursing anesthesia with the most comprehensive text on the market. Written by leading expert, John Nagelhout, CRNA, PhD, FAAN, and new contributing author Sass Elisha, EdD, CRNA, Nurse Anesthesia, 6th Edition features both scientific principles and evidence-based material. Inside you'll find a solid introduction to the history, education, and legal issues of nurse anesthetist, its scientific foundations, equipment and monitoring, and preoperative evaluation and preparation of the patient. This new edition includes chapters on patient centered care and cultural competence, additional drugs of interest, blood and blood component therapy, anesthesia management for patients with cardiac devices, anesthesia for robotic surgery, anesthesia for transplant surgery and organ procurement, and physiology and management of acute and chronic pain. Not only a key reference for practicing nurse anesthetists, this bestseller prepares you for certification and today's clinical anesthesia practice. New coverage includes the latest specifics of pharmacokinetics, drug delivery systems, opiate antagonists, and key induction drugs. Updated information on patient safety, monitoring, and pharmacology. Unique! Expert CRNA authors provide the current clinical information that you will use in daily practice. Over 700 tables and boxes highlight the most essential information in a quick, easy-to-reference format. Easy-to-use organization covers basic principles first, and builds on those with individual chapters for each surgical specialty. Updated TJC standards for monitoring and administering moderate sedation/analgesia. NEW! Expanded content includes; non-OR anesthesia, acute and chronic pain management, anesthesia implications of complementary and alternative medicine, robotic surgery, new and less invasive procedures in interventional radiography, implications of modern implanted cardiac devices, and more! NEW! Full-color design and figures clarify difficult concepts and give the text a contemporary look and feel. NEW! Co-author Sass Elisha brings a fresh perspective to this edition. State of Wisconsin 2011-2012 Blue Book Textbook of Adult Emergency Medicine E-Book *Elsevier Health Sciences* Now fully revised and updated, Textbook of Adult Emergency Medicine provides clear and consistent coverage of this rapidly evolving specialty. Building on the success of previous editions, it covers all the major topics that present to the trainee doctor in the emergency department. It will also prove invaluable to the range of other professionals working in this setting - including nurse specialists and paramedics - who require concise, highly practical guidance, incorporating latest best practices and current guidelines. For the first time, this edition now comes with access to additional ancillary material, including practical procedure videos and self-assessment material. Updates throughout reflect latest practice developments, curricula requirements and essential guidelines Key point boxes highlight topic 'essentials' as well as controversial areas of treatment An expanded list of leading international contributors ensures comprehensive coverage and maximizes worldwide relevance New and enhanced coverage of important and topical areas - including latest imaging in emergency medicine; organ donation; massive transfusion protocols; medico legal issues; patient safety and quality measures All new accompanying electronic ancillary material, including procedure videos and self-assessment materials to check your understanding and aid exam preparation Expansion of administration section - especially patient safety New and enhanced coverage of important and topical areas - including latest imaging in emergency medicine; organ donation; massive transfusion protocols; medico legal issues; patient safety and quality measures All new accompanying

electronic ancillary materials - including practical procedures videos and self-assessment materials

Essence of Anesthesia Practice E-Book *Elsevier Health Sciences* Highly regarded by anesthesiologists, residents, and nurse anesthetists, *Essence of Anesthesia Practice*, 4th Edition by Drs. Lee A. Fleisher, Michael F. Roizen, and Jeffrey Roizen, is a trusted resource for point-of-care anesthesia management. Concise, easy-to-find summaries cover a single clinical topic for both common and rare conditions. A renewed focus on diseases and drugs makes this edition even more useful when formulating anesthesia plans and mastering the core knowledge of anesthesia practice. Features a unique, easy-to-follow, consistent format that covers a single clinical topic on each page, with a review of its problems, causes, comorbidities, and anesthesia implications. Helps you understand the interactions of common drugs and alternative medicine so that you can develop effective anesthesia plans. Includes more than 105 new disease topics (with more coverage of rarer diseases) and new drug information featuring 20 new drugs that patients take on an outpatient basis. Offers fresh insights on nearly 550 topics - many authored by new contributors to this edition. Keeps you current with the latest perioperative anesthetic implications including anticipated problems, drug interactions, and special concerns.

Conn's Current Therapy 2018 E-Book *Elsevier Health Sciences* Designed for busy primary care specialists and other first-line care providers, *Conn's Current Therapy 2018*, by Drs. Edward T. Bope and Rick D. Kellerman, delivers up-to-date treatment information in a concise yet in-depth format. Recognized leaders in the field provide their personal approaches and evidence-based clinical management options for the conditions you're most likely to see in your everyday practice. Follows a consistent, templated format throughout, with diagnosis, therapy, drug protocols, and treatment pearls presented in easy-to-use boxes and tables for fast reference. Focuses on the most current diagnosis and treatment protocols for common complaints, acute diseases, and chronic illnesses - more than 300 topics, all carefully reviewed and updated. Features new and significantly revised chapters on Acute Myocardial Infarction, Hypertension, Peripheral Arterial Disease, Valvular Heart Disease, Hepatitis C, Adrenocortical Insufficiency, Urethral Strictures, Obsessive Compulsive Disorder, Chronic Obstructive Pulmonary Disease, Fibromyalgia, Menopause, Travel Medicine, and much more. Provides current drug information thoroughly reviewed by PharmDs.

Electrophysiological Disorders of the Heart E-Book *Expert Consult Elsevier Health Sciences* The new edition of *Electrophysiological Disorders of the Heart* helps you diagnose and treat a full range of heart rhythm disorders using today's latest technologies and therapies. It provides practical, hands-on coverage of hot topics such as pediatric EP, imaging, echocardiography-guided EP procedures, regenerative therapies, cardiac pacing, and more. Now available in a new full-color format, the title also includes easy online access at www.expertconsult.com. Discover new ways to treat and manage the full range of heart rhythm disorders with content focused on common clinical features, diagnosis, and management. Review expert management strategies to help you handle complex patient problems. Stay current with the latest molecular and technical advances as well as new treatment options implemented over the last few years. Use the latest technologies and devices to accurately diagnose and manage heart rhythm disorders. Consult new and expanded coverage of regenerative therapies, echo-guided procedures, cardiac pacing, and CRT, as well as a new section on pediatric electrophysiology and imaging. Enjoy improved visual guidance with many new full-color images. Log on to www.expertconsult.com to easily search the complete contents online and access a downloadable image library.

Pediatric Gastrointestinal and Liver Disease E-Book *Elsevier Health Sciences* Consult the leading text in the field that delivers the information you need to diagnose and treat pediatric gastrointestinal and liver diseases effectively. In one convenient and comprehensive volume, Drs. Robert Wyllie, Jeffrey S. Hyams, and Marsha Kay provide all the latest details on the most effective new therapies, new drugs, and new techniques in the specialty. In addition, the new two-color design throughout helps you find what you need quickly and easily. Full-color endoscopy images to help improve your visual recognition. Definitive guidance from renowned international contributors who share their knowledge and expertise in this complex field. Detailed diagrams that accurately illustrate complex concepts and provide at-a-glance recognition of disease processes. More than 400 board review-style questions, answers, and rationales. New therapies for hepatitis B and C, new drugs for the treatment of inflammatory bowel disease, and an expanded discussion of the newest endoscopic and motility techniques available for pediatric patients. The most current information on diagnosing and treating abnormalities of protein, fat, and carbohydrate metabolism. New chapters on pancreatic transplantation and liver pathology. The latest surgical techniques for children with gastrointestinal conditions.

Campbell Walsh Wein Urology, E-Book *Elsevier Health Sciences* From the basic science underpinnings to the most recent developments in medical and surgical care, *Campbell-Walsh-Wein Urology* offers a depth and breadth of coverage you won't find in any other urology reference. Now in three manageable volumes, the revised 12th Edition is a must-have text for students, residents, and seasoned practitioners, with authoritative, up-to-date content in an intuitively organized, easy-to-read format featuring key points, quick-reference tables, and handy algorithms throughout. Features shorter, more practical chapters that help you find key information quickly. Includes new chapters on Urinary Tract Imaging: Basic Principles of Nuclear Medicine · Ethics and Informed Consent · Incisions and Access · Complications of Urologic Surgery · Urologic Considerations in Pregnancy · Intraoperative Consultation · Special Urologic Considerations in Transgender Individuals · and more. Covers hot topics such as minimally invasive and robotic surgery; advancements in urologic oncology, including innovative therapeutics for personalized medicine; new approaches to male infertility; technological advances for the treatment of stones; and advances in imaging modalities. Incorporates current AUA/EAU guidelines in each chapter as appropriate. Updates all chapters with new content, new advances, and current references and best practices. Extensively updated chapters include Urological Immunotherapy, Minimally Invasive Urinary Diversion, and Updated Focal Therapy for Prostate Cancer. Features more than 175 video clips, including all-new videos on perineal ultrasound, abdominoplasty in prune belly syndrome, partial penectomy, low dose rate brachytherapy, and many more. Written and edited by key opinion leaders, reflecting essential changes and controversies in the field.

Alexander's Care of the Patient in Surgery - E-Book *Elsevier Health Sciences* Prepare for success on certification exams and in perioperative nursing! *Alexander's Care of the Patient in*

Surgery, 16th Edition is the definitive text for nurses and surgical technologists training for a career in the operating room. Illustrated, step-by-step instructions cover patient care in more than 400 surgical interventions, including positioning, instrumentation, and postoperative care. New to this edition is additional coverage of robotic surgery, along with review of evidence-based guidelines for practice. From well-known educator Jane C. Rothrock — and with every chapter authored by an expert nurse — Alexander’s gives you the tools you need to provide safe, high-quality care in the surgical setting. Over 400 general and specialty surgical interventions are covered, as well as many minimally invasive surgical procedures, whether performed in a hospital, outpatient clinic, or in a doctor's office. 900 full-color photos and illustrations show surgical anatomy, procedures, and methods. Comprehensive coverage includes basic perioperative nursing principles, such as patient and environmental safety, infection prevention and control, positioning, anesthesia and pain management, the unique needs of special populations such as pediatric and geriatric patients, and more. Comprehensive practice exams on the Evolve companion website include 300 exam-style questions with rationales. Perioperative nursing considerations include assessment, nursing diagnosis, outcome identification, planning, implementation, evaluation, discharge planning, and patient and family education. Sample plans of care include nursing diagnoses, outcomes, and interventions. Surgical Pharmacology tables summarize the drugs most commonly used for each surgical procedure, including generic and trade names, indications, and pharmacokinetics. Patient and Family Education boxes include specific guidelines for preprocedural and postprocedural care, side effects and complications, home care, discharge instructions, and psychosocial care. Patient Safety boxes highlight Joint Commission initiatives for patient and staff safety in the surgical setting. Best Practice and Research Highlight boxes apply the latest scientific research to patient care. Critical thinking questions at the end of each chapter let you assess your understanding of important material. NEW! Robotic-Assisted Surgery boxes highlight a rapidly expanding surgical modality. NEW! Enhanced Recovery After Surgery boxes promote review of protocols for early recovery for patients undergoing major surgery. NEW! Patient Engagement Exemplar boxes optimize surgical outcomes by addressing AORN guidelines on the issues of patient care and involvement of the patient’s family. NEW standards and AORN toolkits cover topics ranging from enhanced post-surgical recovery to prevention of pressure ulcers.