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Accelerated Partial Breast Irradiation David E. Wazer 2006-08-02 This text is a concise handbook designed to assist the clinician in the implementation of Accelerated Partial Breast Irradiation (APBI). It includes a review of the principles that underlie APBI, a practical and detailed description of each technique for APBI, a review of current clinical results of APBI, and a review of the incidence and management of treatment related complications. The book encompasses a number of different techniques and approaches that include brachytherapy, intraoperative, and external beam techniques. There is currently no single source that describes these techniques and their clinical implementation.

Intermittent self-catheterization 1986

Medical-Surgical Nursing Susan C. deWit 2016-02-05 Providing a solid foundation in medical-surgical nursing, Susan deWit's Medical-Surgical Nursing: Concepts and Practice, 3rd Edition ensures you have the information you need to pass the NCLEX-PN® Examination and succeed in practice. Part of the popular LPN/LVN Threads series, this uniquely understandable, concise text builds on the fundamentals of nursing, covering roles, settings, and health care trends; all body systems and their disorders; emergency and disaster management; and mental health nursing. With updated content, chapter objectives, and review questions, this new edition relates national LPN/LVN standards to practice with its integration of QSEN competencies, hypertension, diabetes, and hypoglycemia. Concept Maps in the disorders chapters help you visualize difficult material, and illustrate how a disorder's multiple symptoms, treatments, and side effects relate to each other. Get Ready for the NCLEX® Examination! section includes Key Points that summarize chapter objectives, additional resources for further study, review questions for the NCLEX® Examination, and critical thinking questions. Nursing Care Plans with critical thinking questions provide a clinical scenario and demonstrate application of the nursing process with updated NANDA-I nursing diagnoses to individual patient problems. Anatomy and physiology content in each body system overview chapter provides basic information for understanding the body system and its disorders, and appears along with Focused Assessment boxes highlighting the key tasks of data collection for each body system. Assignment Considerations, discussed in

Chapter 1 and highlighted in feature boxes, address situations in which the RN delegates tasks to the LPN/LVN, or the LPN/LVN assigns tasks to nurse assistants, per the individual state nurse practice act. Gerontologic nursing presented throughout in the context of specific disorders with Elder Care Points boxes that address the unique medical-surgical care issues that affect older adults. Safety Alert boxes call out specific dangers to patients and teach you to identify and implement safe clinical care. Evidence-based Practice icons highlight current references to research in nursing and medical practice. Patient Teaching boxes provide step-by-step instructions and guidelines for post-hospital care - and prepare you to educate patients on their health condition and recovery. Health Promotion boxes address wellness and disease prevention strategies that you can provide in patient teaching. NEW! Content updated with the most current health care standards, including QSEN competencies, hypertension, diabetes, and hypoglycemia, to relate national standards to LPN/LVN practice. UPDATED! Revised chapter objectives and content reflects higher-level critical thinking, communication, patient safety, and priority setting. UPDATED! Get Ready for the NCLEX®! review questions updated per the 2014 NCLEX-PN® test plan.

Guide for All-Hazard Emergency Operations Planning Kay C. Goss 1998-05 Meant to aid State & local emergency managers in their efforts to develop & maintain a viable all-hazard emergency operations plan. This guide clarifies the preparedness, response, & short-term recovery planning elements that warrant inclusion in emergency operations plans. It offers the best judgment & recommendations on how to deal with the entire planning process -- from forming a planning team to writing the plan. Specific topics of discussion include: preliminary considerations, the planning process, emergency operations plan format, basic plan content, functional annex content, hazard-unique planning, & linking Federal & State operations.

Peripherally Inserted Central Catheters Janet Pettit 2007

Vignettes in Patient Safety Michael S. Firstenberg 2017-09-13 It is clearly recognized that medical errors represent a significant source of preventable healthcare-related morbidity and mortality. Furthermore, evidence shows that such complications are often the result of a series of smaller errors, missed opportunities, poor communication, breakdowns in established guidelines or protocols, or system-based deficiencies. While such events often start with the misadventures of an individual, it is how such events are managed that can determine outcomes and hopefully prevent future adverse events. The goal of Vignettes in Patient Safety is to illustrate and discuss, in a clinically relevant format, examples in which evidence-based approaches to patient care, using established methodologies to develop highly functional multidisciplinary teams, can help foster an institutional culture of patient safety and high-quality care delivery.

Atlas of Cardiac Catheterization for Congenital Heart Disease Gianfranco Butera 2019-03-11 This atlas depicts and describes catheter-based interventions across the entire pediatric age range, from fetal life through to early adulthood, with the aim of providing an illustrated step-by-step guide that will help the reader to master these techniques and apply them in everyday practice. Clear instruction is offered on a wide range of procedures, including vascular access, fetal interventions, valve dilatation, angioplasty, stent implantation, defect closure, defect creation, valve implantation, hybrid approaches, and other miscellaneous procedures. The atlas

complements the previously published handbook, *Cardiac Catheterization for Congenital Heart Disease*, by presenting a wealth of photographs, images, and drawings selected or designed to facilitate the planning, performance, and evaluation of diagnostic and interventional procedures in the field of congenital heart disease. It will assist in the safe, efficient performance of these procedures, in decision making, and in the recognition and treatment of complications.

Comprehensive Pediatric Hospital Medicine Lisa B. Zaoutis 2007-01-01 This new, comprehensive reference not only brings readers the most up-to-date, evidence-based approaches to hospital-based pediatric care, but also covers issues related to staffing a unit; financial, legal, and ethical practices; and how to maintain effective communication between referring providers and consulting staff.

The EBMT Handbook Nicolaus Kröger 2020-10-08 This Open Access edition of the European Society for Blood and Marrow Transplantation (EBMT) handbook addresses the latest developments and innovations in hematopoietic stem cell transplantation and cellular therapy. Consisting of 93 chapters, it has been written by 175 leading experts in the field. Discussing all types of stem cell and bone marrow transplantation, including haplo-identical stem cell and cord blood transplantation, it also covers the indications for transplantation, the management of early and late complications as well as the new and rapidly evolving field of cellular therapies. This book provides an unparalleled description of current practices to enhance readers' knowledge and practice skills. This work was published by Saint Philip Street Press pursuant to a Creative Commons license permitting commercial use. All rights not granted by the work's license are retained by the author or authors.

Clinical Management of Complicated Urinary Tract Infection Ahmad Nikibakhsh 2011-09-06 Complicated urinary tract infections (cUTIs) are a major cause of hospital admissions and are associated with significant morbidity and health care costs. Knowledge of baseline risk of urinary tract infection can help clinicians make informed diagnostic and therapeutic decisions. Prevalence rates of UTI vary by age, gender, race, and other predisposing risk factors. In this regard, this book provides comprehensive information on etiology, epidemiology, immunology, pathology, pathogenic mechanisms, symptomatology, investigation and management of urinary tract infection. Chapters cover common problems in urinary tract infection and put emphasis on the importance of making a correct clinical decision and choosing the appropriate therapeutic approach. Topics are organized to address all of the major complicated conditions frequently seen in urinary tract infection. The authors have paid particular attention to urological problems like the outcome of patients with vesicoureteric reflux, the factors affecting renal scarring, obstructive uropathy, voiding dysfunction and catheter associated problems. This book will be indispensable for all professionals involved in the medical care of patients with urinary tract infection.

Adult Short Bowel Syndrome Mandy L. Corrigan 2018-10-09 *Adult Short Bowel Syndrome: Nutritional, Medical, and Surgical Management* serves as a practical guide to the medical, surgical and nutritional care of complex patients with Short Bowel Syndrome (SBS), providing information on SBS with the most up-to-date, evidence-based data available. Additionally, the book presents global perspectives and highlights emerging areas of research that are influencing the care of patients with SBS. Intended for nutritionists, dieticians,

physicians (specifically, general practitioners, gastroenterologists, and surgeons), nurse practitioners, pharmacists, students and researchers, this book serves as a quick reference on the medical, surgical and nutritional care of complex patients with short bowel syndrome. Presents emerging areas of research related to Short Bowel Syndrome (gut microbiome, pre/probiotics), as well as current applications in clinical practice Compiles an overview, classification and complications of the Short Bowel Syndrome disease state Contains effective dietary concepts (including rationale and use of oral rehydration solutions) for managing malabsorption caused by Short Bowel Syndrome Includes medical and pharmaceutical management techniques to compliment nutrition interventions Discusses surgical options for consideration in patients with Short Bowel Syndrome Highlights international perspectives on treatment and care

Oxygen Therapy for Children World Health Organization 2017-03-14 "Hypoxaemia is a major contributor to child deaths that occur worldwide each year; for a child with pneumonia hypoxaemia increases the risk of death by up to 5 times. Despite its importance in virtually all types of acute severe illness, hypoxaemia is often not well recognized or well managed more so in settings where resources are limited. Oxygen therapy remains an inaccessible luxury for a large proportion of severely ill children admitted to hospitals in developing countries. This is particularly true for patients in small district hospitals, where, even if some facility for delivering oxygen is available, supplies are often unreliable and the benefits of treatment may be diminished by poorly maintained, inappropriate equipment or poorly trained staff with inadequate guidelines. Increasing awareness of these problems is likely to have considerable clinical and public health benefits in the care of severely ill children. Health workers should be able to know the clinical signs that suggest the presence of hypoxaemia and have more reliable means of detection of hypoxaemia. This be achieved through more widespread use of pulse oximetry, which is a non-invasive measure of arterial oxygen saturation. At the same time oxygen therapy must be more widely available; in many remote settings, this can be achieved by use of oxygen concentrators, which can run on regular or alternative sources of power. Having effective systems for the detection and management of hypoxaemia are vital in reducing mortality from pneumonia and other severe acute illnesses. Oxygen therapy is essential to counter hypoxaemia and many a times is the difference between life and death. This manual focuses on the availability and clinical use of oxygen therapy in children in health facilities by providing the practical aspects for health workers, biomedical engineers, and administrators. It addresses the need for appropriate detection of hypoxaemia, use of pulse oximetry, clinical use of oxygen and delivery systems and monitoring of patients on oxygen therapy. In addition, the manual addresses practical use of pulse oximetry, and oxygen concentrators and cylinders in an effort to improve oxygen systems worldwide."--Publisher's description

Documentation Guidelines for Evaluation and Management Services American Medical Association 1995

Managing Complications in Pregnancy and Childbirth World Health Organization 2003 The emphasis of the manual is on rapid assessment and decision making. The clinical action steps are based on clinical assessment with limited reliance on laboratory or other tests and most are possible in a variety of clinical settings.

Vessel Health and Preservation: The Right Approach for Vascular Access Nancy L. Moureau 2019-06-10 This

Open access book offers updated and revised information on vessel health and preservation (VHP), a model concept first published in poster form in 2008 and in JVA in 2012, which has received a great deal of attention, especially in the US, UK and Australia. The book presents a model and a new way of thinking applied to vascular access and administration of intravenous treatment, and shows how establishing and maintaining a route of access to the bloodstream is essential for patients in acute care today. Until now, little thought has been given to an intentional process to guide selection, insertion and management of vascular access devices (VADs) and by default actions are based on crisis management when a quickly selected VAD fails. The book details how VHP establishes a framework or pathway model for each step of the patient experience, intentionally guiding, improving and eliminating risk when possible. The evidence points to the fact that reducing fragmentation, establishing a pathway, and teaching the process to all stakeholders reduces complications with intravenous therapy, improves efficiency and diminishes cost. As such this book appeals to bedside nurses, physicians and other health professionals.

Clinical Practice Guidelines for Vascular Access National Kidney Foundation 1997

Vaginal Hysterectomy Shirish S Sheth 2001-11-08 In recent years advances in laparoscopic technologies have led to renewed interest in the vaginal approach to hysterectomy, which has many proven benefits for patients. This volume, dedicated to explaining and promoting the vaginal route of hysterectomy, is written and edited by an international team of experts and provides a much-needed source of

Peripherally Inserted Central Venous Catheters Sergio Sandrucci 2014-07-05 Indications for central venous cannulation in critically ill patients have increased dramatically, but central venous access has the drawbacks of morbidity and a scarcity of experienced operators. Ultrasound-guided peripheral venous access offers a solution, in that it reduces morbidity and can be performed by a dedicated nursing team. The aim of this book is to teach the fundamentals of this emerging technique. Advice is provided on choice of materials; maneuvers for positioning of peripherally inserted central venous catheters (PICCs), techniques for evaluation of PICC tip placement; prevention, diagnosis, and management of complications; and organization of a dedicated team within a hospital or a supportive care program. Legal and economic issues are also considered. The book will be of interest to a wide range of professionals, including nutritionists, oncologists, anesthesiologists, surgeons, registered nurses, nurse practitioners, physicians, physician assistants, and radiologists.

Surgery PreTest Self-Assessment and Review, Fourteenth Edition Lillian Kao 2019-11-29 A perfect and portable way to succeed on your surgery rotation and the shelf exam *Surgery: PreTest Self-Assessment & Review* is a targeted way to prepare for the surgery clerkship. You'll find hundreds of questions that cover the content you'll encounter on the actual shelf exam. The range of question topics covers the clerkship's core competencies and each question includes high yield explanations of both correct and incorrect answers. All questions have been reviewed by students who successfully completed their clerkship to ensure that topics and questions align with directly with today's surgery clerkships. • Hundreds of questions just like you'll see on the shelf exam • High yield explanations for right and wrong answers • Targets what you really need to know for clerkship success • Updated to include all relevant advances in the surgery field • Student tested and

reviewed

Interventional Nephrology Alexander S. Yevzlin 2021-10-22 This book provides a comprehensive, state-of-the-art overview of interventional nephrology. Similar to the previous edition, this text describes a direct approach to clinical problems encountered by the community of care providers who treat chronic kidney disease and dialysis patients. Practical scenarios faced on a day-to-day basis are presented by experts in the field, utilizing the latest scientific information. The book also features updated therapeutic guidelines and fully revised and new chapters. Written by the foremost authorities in the field, *Interventional Nephrology: Principles and Practice, Second Edition* is a must-have resource for clinicians and practitioners who treat and manage patients with hemodialysis and peritoneal dialysis access problems.

Clinical Application of Urologic Catheters, Devices and Products Diane K. Newman 2017-12-09 Designed to provide a comprehensive and state-of-the-art overview of the use of urologic catheters and devices in clinical practice. Sections of the book have been structured to review the overall indication for the use of urologic catheters and devices, types available, complications and management. This text fills a critical need for resource materials on these topics. The book also includes highly practical presentations and of typical patients with catheters or devices seen in the clinical practice of geriatric urology, all in the form of case presentations with expert analysis and editorial commentary. Highlighting the integrated multidimensional aspects of care for urology patients, this book is unique in the inclusion of collaborating multidisciplinary authors who are all recognized experts in their field. Written entirely by urologic specialists, *Clinical Application of Urologic Catheters, Devices and Products* provides a unique and valuable resource in the field of practicing urology, for urologists, nurse practitioners, physician assistants, and for those currently in training.

Electroanatomical Mapping Amin Al-Ahmad 2011-08-26 Catheter ablation has become a mainstay in the therapy of cardiac arrhythmias. The development of electroanatomical mapping technologies (such as CARTO) has facilitated more complex ablation procedures. This brand new book encompasses cardiac arrhythmias and practical tips for users of electroanatomical mapping, providing a color atlas of different arrhythmias, presented as cases, that have been carefully mapped and correlated with clinical and electrogram data. Including maps from all the major mapping systems such as CARTO, NAVX, ESI, RPM as well as activation maps and voltage maps, this book is an ideal reference book and learning tool for electrophysiologists, electrophysiology fellows and electrophysiology laboratory staff.

Catheter Ablation of Atrial Fibrillation Etienne Aliot 2011-08-31 *Catheter Ablation of Atrial Fibrillation* Edited by Etienne Aliot, MD, FESC, FACC, FHRS Chief of Cardiology, Hôpital Central, University of Nancy, France Michel Haïssaguerre, MD Chief of Electrophysiology, Hôpital Cardiologique du Haut-Lévêque, France Warren M. Jackman, MD Chief of Electrophysiology, University of Oklahoma Health Science Center, USA In this text, internationally recognized authors explore and explain the advances in basic and clinical electrophysiology that have had the greatest impact on catheter ablation of atrial fibrillation (AF). Designed to assist in patient care, stimulate research projects, and continue the remarkable advances in catheter ablation of AF, the book covers: the fundamental concepts of AF, origin of signals, computer simulation, and updated reviews of ablation tools

the present practical approaches to the ablation of specific targets in the fibrillating atria, including pulmonary veins, atrial neural network, fragmented electrograms, and linear lesions, as well as the strategies in paroxysmal or chronic AF or facing left atrial tachycardias the special challenge of heart failure patients, the impact of ablation on mortality, atrial mechanical function, and lessons from surgical AF ablation Richly illustrated by numerous high-quality images, Catheter Ablation of Atrial Fibrillation will help every member of the patient care team.

WHO Guidelines on Drawing Blood Neelam Dhingra 2010 Phlebotomy uses large, hollow needles to remove blood specimens for lab testing or blood donation. Each step in the process carries risks - both for patients and health workers. Patients may be bruised. Health workers may receive needle-stick injuries. Both can become infected with bloodborne organisms such as hepatitis B, HIV, syphilis or malaria. Moreover, each step affects the quality of the specimen and the diagnosis. A contaminated specimen will produce a misdiagnosis. Clerical errors can prove fatal. The new WHO guidelines provide recommended steps for safe phlebotomy and reiterate accepted principles for drawing, collecting blood and transporting blood to laboratories/blood banks.

Brunner & Suddarth's Textbook of Medical-Surgical Nursing Suzanne C. Smeltzer, R.N. 2012-06-29

Continuous Ambulatory Peritoneal Dialysis G.R. Catto 2012-12-06 For more than a generation haemodialysis has been the principal method of treating patients with both acute and chronic renal failure. Initially, developments and improvements in the system were highly technical and relevant to only a relatively small number of specialists in nephrology. More recently, as advances in therapy have demonstrated the value of haemofiltration in the intensive therapy unit and haemoperfusion for certain types of poisoning, the basic principles of haemodialysis have been perceived as important in many areas of clinical practice. In this volume, the potential advantages of bicarbonate haemo dialysis are objectively assessed, the technical and clinical aspects of both haemofiltration and haemoperfusion discussed and the continuing problems associated with such extra corporeal circuits analysed. All the chapters have been written by recognized experts in their field. The increasing availability of highly technical facilities for appropriately selected patients should ensure that the information contained in the book is relevant not only to nephrologists but to all practising clinicians. ABOUT THE EDITOR Dr Graeme R. D. Catto is Professor in Medicine and Therapeutics at the University of Aberdeen and Honorary Consultant Physician/Nephrologist to the Grampian Health Board. His current interest in transplant immunology was stimulated as a Harkness Fellow at Harvard Medical School and the Peter Bent Brighton Hospital, Boston, USA. He is a member of many medical societies including the Association of Physicians of Great Britain and Ireland, the Renal Association and the Transplantation Society.

Catheter-Related Infections Dr. Harald Seifert 1997-05-06 This timely guide details, in a highly accessible manner, the pathogenesis, epidemiology, and major complications of catheter-related infections (CRIs) as well as the types of catheters and etiological agents involved-providing practical approaches to the diagnosis, management, and prevention of CRIs.

Porth: Pathophysiology 8th Ed + Bruyere: 100 Case Studies in Pathophysiology Carol Mattson Porth 2009-03-25

Safe Management of Wastes from Health-care Activities A. Prüss 1999

Medical Care in the Nursing Home Joseph G. Ouslander 1997 Revised to include discussions of subacute care and managed care, this straightforward guide offers concise and specific recommendations regarding diagnostic and management strategies of the elderly patient. The book effectively shows how to improve the quality of care, and the critical steps to take in response to a variety of problems found in providing nursing home care, including diseases and disorders frequently encountered. Additionally, typical nursing home organization, procedures, and general management issues are examined along with the latest OSHA documentation guidelines.

Management of Short Term Indwelling Urethral Catheters to Prevent Urinary Tract Infections Sandra Dunn 2000

Wound, Ostomy and Continence Nurses Society® Core Curriculum: Ostomy Management Janice Colwell 2015-04-28 Ostomy Management, First Edition, is one of three volumes in the Series that follows the Curriculum Blueprint designed by the Wound, Ostomy and Continence Nurses Society (WOCN). It is the ideal reference for anyone seeking certification as an ostomy or continence nurse, as well as anyone who manages patients needing fecal and urinary diversions, or ostomy management.

Lippincott Nursing Procedures Lippincott 2018-10-05 Publisher's Note: Products purchased from 3rd Party sellers are not guaranteed by the Publisher for quality, authenticity, or access to any online entitlements included with the product. Lippincott Nursing Procedures, 8e, is a start-to-finish guide to more than 400 nursing procedures--from basic to advanced. This reference outlines every procedure, lists equipment, details each step, and includes rationales and cautions to ensure patient safety and positive outcomes. Concise, clear content targets key information needed to perform nursing procedures safely and accurately at the bedside. Tips, alerts, checklists, illustrations, and tables provide clarity and quick access to key procedural information. Organized alphabetically for easy accessibility, the book includes basic and advanced procedures on key topics, including infection control, specimen collection, physical treatments, drug administration, IV therapy, and hemodynamic monitoring, as well as procedures related to body systems such as chest tubes, peripheral nerve stimulation, and intra-abdominal pressure monitoring.

CURRENT Procedures Surgery Rebecca Minter 2010-05-28 Learn to perform more than 50 of the most common surgical procedures with this step-by-step, superbly illustrated guide! CURRENT Procedures Surgery is a unique combination atlas and text that details everything that you must know to perform more than 50 key surgical procedures. It covers the full spectrum of general surgery in an ultra-convenient, at-a-glance format, with more than 400 beautifully rendered illustrations to guide you every step of the way. An easy to follow template for each procedure includes: Indications, Contraindications, Informed Consent, Equipment, Patient Preparation, Patient Positioning, Procedure, Postoperative Care, Potential Complications,

Pearls and Tips, References. Features: More than 400 illustrations created specifically for this book along with clear, concise text show you how to perform essential surgical procedures Coverage includes procedures for the breast, gastrointestinal tract, diaphragm, pancreas, liver, thyroid, parathyroid, adrenal, arteries and veins, and more Templated presentation facilitates rapid review Author's pearls and tips included for each procedure A must-have resource for anyone starting their surgical residency

Safe Abortion Organisation mondiale de la santé 2003-05-13 At a UN General Assembly Special Session in 1999, governments recognised unsafe abortion as a major public health concern, and pledged their commitment to reduce the need for abortion through expanded and improved family planning services, as well as ensure abortion services should be safe and accessible. This technical and policy guidance provides a comprehensive overview of the many actions that can be taken in health systems to ensure that women have access to good quality abortion services as allowed by law.

Urogenital Trauma Frank William Blaisdell 1985

The ICU Book Paul L. Marino 2012-02-13 This best-selling resource provides a general overview and basic information for all adult intensive care units. The material is presented in a brief and quick-access format which allows for topic and exam review. It provides enough detailed and specific information to address most all questions and problems that arise in the ICU. Emphasis on fundamental principles in the text should prove useful for patient care outside the ICU as well. New chapters in this edition include hyperthermia and hypothermia syndromes; infection control in the ICU; and severe airflow obstruction. Sections have been reorganized and consolidated when appropriate to reinforce concepts.

Handbook for Brunner and Suddarth's Textbook of Medical-Surgical Nursing Hilarie Surrena 2010 This concise clinical companion to the twelfth edition of Brunner and Suddarth's Textbook of Medical-Surgical Nursing presents nearly 200 diseases and disorders in alphabetical format, allowing rapid access to need-to-know information on the most commonly clinical problems nurses are likely to encounter. The content is completely cross-referenced to the main text. Pages are tabbed alphabetically for speedy reference. Online Tutoring powered by Smarthinking--Free online tutoring, powered by Smarthinking, gives students access to expert nursing and allied health science educators whose mission, like yours, is to achieve success. Students can access live tutoring support, critiques of written work, and other valuable tools.

Campbell Walsh Wein Urology Alan W. Partin 2020-03-02 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. Expert Consult eBook version included with purchase. This enhanced eBook experience allows you to search all of the text, figures, and references from the book on a variety of devices.