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Offering a comprehensive guide, the Oxford Textbook of Urological Surgery is a practical resource mapped to the curriculum for urological training as approved by the General Medical Council (GMC), making it particularly useful in preparation for the Intercollegiate Examination. Presented in a clear and accessible way, this evidence based volume covers all major areas, including functional urology, stone disease, infection, andrology, nephrology, transplantation, uroradiology, and paediatric urology. This highly illustrated full colour textbook has an innovative and user-friendly style, including over 500 photographs, clinical images, and line drawings. Bringing together the expertise of over 100 specialist contributors in the field, the Oxford Textbook of Urological Surgery is a highly valuable source of information, and will become the standard reference text for all who study urological disease and its treatment.

Pediatric Urology has rapidly developed as a separate subspecialty in the last decade. During this time, significant advances in technology and instrumentation has meant that increasingly more procedures can be performed by the minimally invasive route. However, access to and availability of adequate training facilities and resources continues to hinder surgeons in achieving experience and expertise in the minimally invasive techniques in paediatric urology. Pediatric Endourology Techniques 2nd edition is a fully illustrated text with an accompanying web application which addresses these issues. The aim of this 2nd edition is to enable surgeons to carry out commonly performed minimally invasive pediatric urological procedures. This book has been organised systematically to enable quick reference to the topic of interest. It encompasses not only the majority of commonly performed pediatric endourological procedures in a standardised format but also newer techniques and procedures that have developed since publication of the first edition. A list of specific relevant reading material is given at the end of each chapter. Pediatric Endourology Techniques 2nd Edition is a valuable tool for pediatric urologists as well as pediatric surgeons, general surgeons, adult urologists and those with an interest in minimally invasive surgery.

Since 1954, Campbell-Walsh Urology has been internationally recognized as the pre-eminent text in its field. Edited by Alan J. Wein, MD, PhD(hon), Louis R. Kavoussi, MD, Alan W. Partin, MD, PhD, Craig A. Peters, MD, FACS, FAAP, and the late Andrew C. Novick, MD, it provides you with everything you need to know at every stage of your career, covering the entire breadth and depth of urology - from anatomy and physiology through the latest diagnostic approaches and medical and surgical treatments. 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. Be certain with expert, dependable, accurate answers for every stage of your career from the most comprehensive, definitive text in the field! Required reading for all urology residents, Campbell-Walsh Urology is the predominant reference used by The American Board of Urology for its board examination questions. Visually grasp and better understand critical information with the aid of algorithms, photographs, radiographs, and line drawings to illustrate essential concepts, nuances of clinical presentation and technique, and decision making. Stay on the cutting edge with online updates. Get trusted perspectives and insights from hundreds of well-respected global contributors, all of whom are at the top and the cutting edge of their respective fields. Stay current with the latest knowledge and practices. Brand-new chapters and comprehensive updates throughout include new information on perioperative care in adults and children, premature ejaculation, retroperitoneal tumors, nocturia, and more! Meticulously revised chapters cover the most recent advancements in robotic and laparoscopic bladder surgery, open surgery of the kidney, management of metastatic and invasive bladder cancer, and many other hot topics! Reference information quickly thanks to a new, streamlined print format and easily searchable online access to supplemental figures, tables, additional references, and expanded discussions as well as procedural videos and more at [www.expertconsult.com](http://www.expertconsult.com).

Ureteroscopy: Indications, Instrumentation & Technique provides a comprehensive and state-of-the-art review of ureteroscopy and will serve as a valuable resource for urologists throughout the world. The volume provides evidence based outcomes to support the expanding indications for ureteroscopy as well as a strong emphasis on appropriate patient selection. The book also provides detailed recommendations for the step-by-step approach to ureteroscopy from both an instrumentation and techniques perspective. The work is extensively illustrated with endoscopic images and accompanied by a web site of video clips which further highlight the clinical application of available endoscopic techniques. The text also includes highly practical presentations of complex endourologic case presentations with expert analysis and editorial commentary. Example cases would include common but challenging cases of ureteroscopy for transitional cell cancer, horseshoe kidneys, hutch diverticulum, and pregnancy. Ureteroscopy: Indications, Instrumentation & Technique provides a unique and valuable resource in the field of ureteroscopy and will include basic instructions for those currently in training or those who have yet to adapt

intrarenal ureteroscopy into their surgical armamentarium. Advanced ureteroscopic approaches are also covered for those wishing to enrich their current clinical expertise. The most established, internationally acclaimed textbook on the subject of pediatric urology, this completely updated fifth edition is published on the thirtieth anniversary of its original launch. Totally revised, and with all-new editors who are at the forefront of clinical and surgical research in pediatric urology, The Kelalis-King-Belman Textbook of Clinical Pediatric Urology presents state-of-the-art of knowledge and common sense practice in all areas of clinical pediatric urology, from diagnosis to treatment. Clinical in orientation and practical in presentation, it covers every disorder and disease, diagnostic method and appropriate treatment in pediatric urology from the embryo onwards. Expanded to cover the latest developments in technology and surgical technique, each chapter is lavishly illustrated with photographs and medical artwork. All in a single, easily accessed volume, tables, graphs and charts lend further support to the detailed and comprehensive text, therefore making this a useful and informative reference for residents and specialists alike.

This text explores the history and development of the many technologies that have led to how we treat contemporary urologic problems. From the development of the cystoscope, the advances in laparoscopy, the birth of the field of endourology, to the era of robotics today, urologists have pushed the envelope in technologic innovation. The editors highlight the development of the cystoscope and the early tools used to treat ureteral stones, the development of ureteroscopy, and the applications of lasers and shock wave lithotripsy in the treatment of urolithiasis. Furthermore, they explore the history of minimally invasive treatments in urologic oncology from the story behind the first laparoscopic nephrectomy, the application of hand-assisted technology to the development of robotics and percutaneous treatment approaches (radiofrequency ablation and cryoablation). As the field of urology continues to evolve, urologists will continue to look to the future with the recent applications of histotripsy and regenerative medicine. This text chronicles the creativity, innovation and discovery of the developments of the instruments that allow to practice urology today, as well as glimpse what the future of urology holds.

Endourology is a dynamic subspecialty involving closed, controlled manipulation within the genitourinary tract. In the past decade the creative efforts of many urologists, radiologists, and engineers have vastly expanded endoscopic technique, to the great benefit of patients with stones, obstruction, cancer, diverticula, cysts, adrenal disease, varices, and diseases of the bladder. This definitive text addresses every aspect of endourologic procedure including methods of access, operative techniques, complications, and postoperative care. The reader is taken, step-by-step, through cutaneous surgery, ureteroscopy, extracorporeal shock wave lithotripsy, laparoscopy, and lower urinary tract procedures. The principles and function of state-of-the-art endourologic instruments are outlined for each procedure. The authorship reads like a Who's Who in endourology. The breadth and depth of their experience is evident throughout the text.

PNL is the gold standard for the management of large and/or otherwise complex renal stones. Since its introduction in the seventies PNL has undergone considerable evolution, mainly driven by the improvement in access techniques, endoscopic instrument technology, lithotripsy devices and drainage management. The conventional prone position for PNL has been challenged in the last two decades by a variety of modifications, including the supine and Galdakao-modified supine Valdivia positions, which make simultaneous retrograde working access to the collecting system possible and have proven anesthesiological advantages. The Galdakao-modified supine Valdivia position allowed the development of ECIRS (Endoscopic Combined IntraRenal Surgery), a technique exploiting a combined antegrade and retrograde approach to the upper urinary tract, using both rigid and flexible endoscopes with the related accessories. The synergistic teamwork of ECIRS provides a safe and efficient, minimally-invasive procedure for the treatment of all kinds of urolithiasis. The aim of this book is to share with the urologic community worldwide our experience, our standardization of all the steps, and tips and tricks for the procedure.

Percutaneous Renal Surgery will provide surgeons and urologists/nephrologists with a well-illustrated, full-colour expert guide to performing these complex and difficult surgical procedures safely and effectively. Focus throughout is on percutaneous management of three major conditions: large renal calculi (percutaneous nephrolithotomy), transitional cell cancer (percutaneous resection of tumor) and renal cell cancer (percutaneous cryotherapy and radiofrequency ablation). For each of these conditions, leading surgeons and urologists will cover: Epidemiology of the disease Evolution of evidence-based outcomes for percutaneous management Patient selection and informed consent Instrumentation Surgical technique 10 high-quality videos of surgery in action will provide an excellent visual guide to best practice and tips/tricks while performing surgery, making this a perfect multi-media teaching tool.

The book will serve as on demand reference for consultation when one is faced with such special scenario in the field of endourology. It's easy to read and easy to understand format should give an easy access to all chapters right from the beginning, so there is no need to read previous chapters for understanding the current one. Furthermore it will serve as a textbook for problem oriented approach, which will be an interesting and attractive method of teaching.

This authoritative reference focuses specifically on the rapidly growing subspecialty of endoscopic urology. All of the latest minimally invasive and noninvasive techniques for urologic diagnosis and surgery are presented in detail. Features over 900 illustrations (72 in color) that demonstrate, step-by-step, how the techniques should be performed. Focuses on the latest developments in the four main areas of endourology: stone disease/percutaneous surgery, laser surgery, laparoscopy and lithotripsy. Combines, in a single source, information that is found in separate texts. Offers clear, concise guidance on patient selection, indications for surgery, equipment, access and exit techniques, surgical



methods, results, and complications for a full range of procedures. Covers cutting-edge laparoscopic procedures such as lymphadenectomy, varix ligation, nephrectomy, and bladder neck suspension. Features more than 685 outstanding illustrations (140 of them in full color) that demonstrate, step by step, how all techniques should be performed. The fourth edition of this internationally acclaimed, seminal textbook on the subject of clinical pediatric urology is completely updated. World-renowned experts in the field present state-of-the-art developments in all areas of clinical pediatric urology, from diagnosis to treatment and from theory to practice. Clinical Pediatric Urology is clinical in orientation and practical in presentation, covering every illness, diagnostic method and appropriate treatment in pediatric urology from the embryo onwards. Each chapter is lavishly illustrated with full color photographs and medical artwork. Tables, graphs and charts lend further support to the detailed and comprehensive text, all in a single, easily accessed volume. This is a useful and informative reference for students and specialists alike.

In consultation with Consulting Editor, Dr. Samir Taneja, Guest Editors Dr. Brian Matlaga and Dr. Ojas Shah have put together a timely look at Emerging Technologies in Renal Stone Management. The issue focuses on techniques and newer generation of lasers, fiberoptics, and imaging techniques. Clinical review articles are specifically devoted to the following: Next Generation Reusable Ureterscopes: Fiberoptic and Digital; Single-Use Ureterscopes; Disposable Stone Retrieval Devices; New Generation Laser Fibers; Emerging Laser Techniques for Stone Management; Ultrasonic and Pneumatic Lithotripters; Emerging technologies in lithotripsy; New technologies to aid in percutaneous access; Innovations in Ureteral Stent Technology; New imaging techniques in the Management of Stone Disease; Radiation Mitigation Techniques; Ultrasound Technology in the Management of Stone Disease; Emerging Mobile Platforms to Aid in Stone Management; and Assessing Cost-Effectiveness of New Technologies in Stone Management.

Readers will come away with the latest information they need to optimize treatment and management outcomes in the patient with stone disease.

With the rising incidence of urolithiasis, the management of ureteral stones continues to become a larger component of urologic practice. Though almost all urologists deal with ureteral stones, there have been many recent improvements in instrumentation and adjunctive equipment as well as improvements in imaging and the data we can obtain from radiologic imaging in order to guide stone management. Newer topics such as how to limit radiation exposure to both the patient and the urologist, the accuracy and limitations of low-dose computed tomography as well as a review of the most recent studies will be covered in this book. The purpose of this book is to provide a complete updated roadmap to treating ureteral stones, from early management decisions from information found on radiologic studies to adjusting to intra-operative challenges.

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.

Urolithiasis: Basic Science and Clinical Practice is a comprehensive text that assists urologists in defining the best choice of treatment for each case through a balanced presentation of underlying science, diagnostic methods and practical tips, with additional discussions on educational issues, costs and management of resources. This user-friendly practical resource is replete with full-color illustrations and radiographs, covering all aspects of stone disease, and offering perspectives from Europe, the Americas, China, South Asia, Africa, and Australia. Topics include the biochemical and physiological basis of stone formation, treatment options, complications, assessment of techniques and technologies available, and guidelines on the prevention of stone recurrence. Urolithiasis: Basic Science and Clinical Practice is the definitive text on stone disease and is a must read for young consultants starting a new practice, and urologists in residence and training.

Smith's Textbook of Endourology PMPH-USA

Written entirely by surgical urologists, Surgical Management of Urolithiasis: Percutaneous, Shockwave and Ureterscopy presents a comprehensive overview of the past, present, and future of surgical techniques, with a focus on educating urologists on the full spectrum of stone procedures. In addition to the technical issues, detailed complications are described. Basic as well as advanced techniques are presented in both a didactic and visual mode with representative endoscopic images and radiographs. Recent advancements which are not routinely a core component of surgical training programs are also covered in detail. Compact and extensively illustrated, Surgical Management of Urolithiasis: Percutaneous, Shockwave and Ureterscopy is a unique and valuable resource in the field of surgical urolithiasis, essential both for those currently in training and for those already in clinical practice.

A careful review of the literature covering various aspects of applications of lasers in science and technology reveals that lasers are being applied very widely throughout the entire gamut of physical medicine. After surveying the current developments taking place in the field of medical applications of lasers, it was considered appropriate to bring together these efforts of international research scientists and experts into one volume. It is with this aim that the editors have prepared this volume which brings current research and recent developments to the attention of a wide spectrum of readership associated with hospitals, medical institutions and universities world wide, including also the medical instrument industry. Both teachers and students in the medical faculties will especially find this compendium quite useful. This book is comprised of eleven chapters. All of the important medical applications of lasers are featured. The editors have made every effort that individual chapters are self-contained and written by experts. Emphasis has been placed on straight and simple presentation of the subject matter so that even the new entrants into the field will find the book of value.

Advances in Men's Health Research and Application: 2012 Edition is a ScholarlyEditions™ eBook that delivers timely, authoritative, and comprehensive information about Men's Health. The editors have built Advances in Men's Health Research and Application: 2012 Edition on the vast information databases of ScholarlyNews.™ You can expect the information about Men's Health in this eBook to be deeper than what you can access anywhere else, as well as consistently reliable, authoritative, informed, and relevant. The content of Advances in Men's Health Research and Application: 2012 Edition has been

produced by the world's leading scientists, engineers, analysts, research institutions, and companies. All of the content is from peer-reviewed sources, and all of it is written, assembled, and edited by the editors at ScholarlyEditions™ and available exclusively from us. You now have a source you can cite with authority, confidence, and credibility. More information is available at <http://www.ScholarlyEditions.com/>.

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.

Technology seems to be an integral part of modern living. Urologists have over the years embraced new technological advances for patient benefit. On some occasions, however, the initial enthusiasm in something new has failed to endure rigorous scientific scrutiny. Thus, while being technological leaders, we urologists know better than most other surgical specialties that what is new is not necessarily good. This textbook is aimed at urologists and surgeons at all levels and has contributions from international experts. The topics vary from robotics to lasers to single port laparoscopy. The comprehensive chapters should be of equal interest to uro-oncologists and those involved in treating benign urological diseases. While the contents are meant to bring the reader up to date with technological advances, the authors have attempted to balance their enthusiasm with basic science, translational research, and clinical outcomes. It will be obvious that some of the subjects mentioned here, such as nanotechnology, are still evolving, and it will be a while before they undergo clinical trials that establish their position in clinical medicine. We hope you enjoy reading this book as much as we have enjoyed creating it. London, UK Prof. Prokar Dasgupta Dublin, Ireland Prof. John Fitzpatrick London, UK Prof. Roger Kirby CA, USA Prof. Inderbir S. Gill vii Acknowledgements The editors thank all authors for their time and valuable contributions. We are also grateful to our developmental editors Joni Fraser and Barbara Lopez-Lucio.

Edited by the father of endourology, Arthur Smith, Smith's Textbook of Endourology is the definitive reference book in the field, addressing every aspect of endourologic procedure including methods of access, operative techniques, complications, and postoperative care. The reader is taken on a step-by-step journey through percutaneous surgery, ureteroscopy, extracorporeal shock wave lithotripsy, laparoscopy, and lower urinary tract procedures, and is given a comprehensive look at the influx of and dynamic changes in robotic and laparoscopic procedures, and image-guided technologies. The principles and function of state-of-the-art endourologic instruments are outlined for each procedure. Now in full-color, the third edition contains 800 extra pages, culminating in an 1800 page, two-volume textbook reflecting the most current advances in endourology. A supplemental DVD includes over 100 high-quality surgical videos allowing you to see endourology in practice. With all chapters thoroughly revised by world-renowned authors with unrivalled expertise in the field, Smith's Textbook of Endourology 3E is an essential reference book for all urologists, particularly those who regularly perform endourology in their daily practice. This new edition, with its vast amount of extra content, will rightly cement its status as the leading urologic surgery textbook. Titles of Related Interest  
Interventional Techniques in Uro-oncology Arya, ISBN 9781405192729 Evidence-based Urology Dahm, ISBN 9781405185943

In 1968 Drs. B. E. C. Nordin and A. Hodgkinson organized the First International Symposium on Urolithiasis Research in Leeds, England. One hundred and five participants from continental Europe, Great Britain, and the United States met to review their work and exchange ideas regarding the formation of urinary calculi. This meeting achieved several important goals. It pulled together a nidus of workers in the many scientific disciplines that relate to urolithiasis. This nidus served as the seed for research growth in a complex, interdisciplinary field. It established a forum for continuing communication in urolithiasis research with subsequent symposia being held every 4 years. The Williamsburg Symposium was the fourth in the Leeds-Madrid Davos series involving 186 participants from throughout the world. A stated emphasis was on clinical research under way in the field. There were no invited speakers and for the first time the 41 papers that were presented orally at the meeting were selected from 184 submitted abstracts. A total of 134 papers were presented in the poster sessions in the afternoons where informal exchange between interested participants and investigators could occur without the restrictions of a plenary session. Virtually all areas of urolithiasis research from the most fundamental physical chemistry to clinical patterns of disease and specific modes of treatment were presented, reviewed and discussed during the meeting.

This book provides a comprehensive overview of percutaneous nephrolithotomy, covering topics including its history, anatomy, preoperative preparation, clinical operation, and postoperative treatment. It presents both basic and advanced techniques, such as micro-PNL, mini-PNL, ultra-mini-PNL, and super mini-PNL, together with representative clinical

cases. In addition, the book describes potential technical issues, complications, indications and contraindications in detail, making it a valuable reference guide for urologists, especially those who wish to improve their PCNL skills in clinical practice.

Urinary stone disease constitutes more than a quarter of urologists' workload in the Western countries and is more than half in the Middle-East and Central Asian countries. The surgical management of stone disease has changed considerably in the last five years and our understanding of mechanism of stone disease has improved with some old concepts discarded and newer theories gaining ground. Covering the entire spectrum of urinary stone disease and with contributions of more than fifty internationally recognised experts, this exhaustive and complex reference work will be invaluable to all urologists, nephrologists and non-medical scientists.

This new edition provides updated procedural recommendations and outcomes in all areas of endoscopic, robotic, and laparoscopic urology. New chapters cover alternative minimally invasive techniques for the management of benign prostatic hyperplasia, as well as an in-depth review of instrumentation for stone surgery. All chapters contain new or revised "equipment lists" and tips and tricks for the practicing urologist, covering a broad spectrum of urologic diseases. Authored by a wide array of leaders in the field known for both their clinical prowess and commitment to education, the second edition of Minimally Invasive Urology: An Essential Clinical Guide to Endourology, Laparoscopy, LESS and Robotics provides a critical resource for clinicians, surgeons, operating room technicians, operating room managers and hospital administration.

Practical and easy to use, this superbly illustrated text will provide the trainee with diagnostic and surgical guidance, tips and tricks, and a good solid background to the use of minimally invasive urological surgery techniques. The editors, all experts in urological laparoscopy, have chosen an elite team, mainly from the USA and Germany,

The aim is to define the basic techniques and review the literature, briefly, on the current status of such applications as are covered in each chapter. The authors have covered practical aspects such as instruments used, access techniques, laser settings, surgical technique and pitfalls.

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This text provides, in a single volume, an up-to-date review of the complications in urological surgery.

Written specifically for urological trainees by a distinguished team of contributors, The Scientific Basis of Urology, Second Edition provides the reader with a thorough coverage of urology.

Every area, function, illness and cure of the urinary tract, along with specific discussions of the relevant anatomy and physiology, are discussed in clearly written text, abundantly illustrated with full color photographs and diagrams. Each chapter takes the basic principles of its topic area and expands upon them to ensure maximum understanding. New Chapters in the Second Edition: Inflammation Shock Detrusor Smooth Muscle Physiology Pathophysiology of Bladder Dysfunction The Scientific Basis of Urodynamics Biology of Cancer and Metastasis Molecular Genetics and Pathology of Renal Cell Carcinomas Principles of Chemotherapy Urological and Biochemical Aspects of Transplantation Biology Perioperative Care of the Urological Patient

Kidney stones affect nearly 3 million people every year and the management of these stones can often be complicated. This issue of the Urologic Clinics covers all of the current treatments for kidney stones from medicine to surgery. There are also articles on pathology, imaging, and diet and alternative therapies.

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