

Contents

- 1 Evaluation of the Urologic Patient: History, Physical Examination, Laboratory Tests, Imaging, and Hematuria Workup** **1**
LAUREN H. PONIATOWSKI, JONATHAN T. WINGATE
AND ROBERT M. SWEET
- 2 Principles of Urologic Surgery: Perioperative Management** **53**
JESSICA C. DAI AND ROBERT M. SWEET
- 3 Principles of Endourology and Fundamentals of Laparoscopic and Robotic Urologic Surgery** **93**
PETER SUNARYO AND ROBERT M. SWEET
- 4 Urologic Evaluation of the Child** **107**
CAITLIN T. COCO AND CRAIG A. PETERS
- 5 Urinary Tract Infections and Vesicoureteral Reflux** **135**
CHRISTOPHER S. COOPER
- 6 Lower Urinary Tract Dysfunction and Anomalies in Children** **163**
ANGELA M. ARLEN AND CHRISTOPHER S. COOPER
- 7 Congenital Anomalies of the Upper Urinary Tract: UPJ Obstruction, Duplication Anomalies, Ectopic Ureter, Ureterocele, and Ureteral Anomalies** **187**
MATTHEW D. TIMBERLAKE AND CRAIG A. PETERS
- 8 Management of Pediatric Kidney Stone Disease** **211**
DOUGLAS W. STORM AND CHRISTOPHER S. COOPER
- 9 Conditions of the External Genitalia** **228**
DANA A. WEISS AND CRAIG A. PETERS
- 10 Disorders of Sexual Development** **254**
GINA M. LOCKWOOD AND CHRISTOPHER S. COOPER
- 11 Pediatric Urologic Oncology** **278**
NICHOLAS G. COST AND CRAIG A. PETERS
- 12 Infections and Inflammatory Conditions of the Genitourinary System** **308**
MICHAEL C. CHEN, AARON KRUG, AND POLINA REYBLAT

- 13 Male Infertility** 340
RICHARD J. FANTUS AND ROBERT E. BRANNIGAN
- 14 Evaluation and Management of Sexual Dysfunction in Men and Women** 351
JAMES ANAISSIE AND MOHIT KHERA
- 15 Integrated Men's Health: Androgen Deficiency, Cardiovascular Risk, and Metabolic Syndrome** 380
ERNEST TONG AND ALEXANDER GOMELSKY
- 16 Urinary Incontinence and Pelvic Prolapse: Pathophysiology, Evaluation, and Medical Management** 391
ELIZABETH ROURKE AND W. STUART REYNOLDS
- 17 Surgical Management of Urinary Incontinence and Pelvic Organ Prolapse** 405
ELISABETH SEBESTA AND W. STUART REYNOLDS
- 18 Surgery for Benign Disorders of the Penis, Urethra, and Scrotal Contents** 449
EMILY F. KELLY AND ALEXANDER GOMELSKY
- 19 Neoplasms of the Male Genitalia** 479
BOGDANA SCHMIDT AND KIRSTEN L. GREENE
- 20 Tumors of the Bladder** 514
SUMIT ISHARWAL, KIRSTEN L. GREENE, AND ALAN W. PARTIN
- 21 Benign Prostatic Hyperplasia** 542
JONATHAN T. WINGATE, ALAN W. PARTIN AND KIRSTEN L. GREENE
- 22 Prostate Cancer** 574
SAMUEL WASHINGTON III, ALAN W. PARTIN AND KIRSTEN L. GREENE
- 23 Urologic Complications of Renal Transplantation** 602
RAMASAMY BAKTHAVATSALAM AND ROBERT M. SWEET
- 24 Principles and Acute Management of Upper Urinary Tract Obstruction** 616
MICHAEL S. BOROFKY AND ROBERT M. SWEET
- 25 Definitive Treatment Options for Ureteral Obstruction** 635
MICHAEL S. BOROFKY AND ROBERT M. SWEET
- 26 Urological Trauma in Adults and Children** 656
GREGORY M. AMEND AND BENJAMIN N. BREYER
- 27 Pathophysiology, Evaluation, and Management of Urinary Lithiasis** 680
DAVID A. LEAVITT AND ROBERT M. SWEET

28	Evaluation and Management of Localized Renal Tumors	709
	ATREYA DASH AND ROBERT M. SWEET	
29	Evaluation and Management of Advanced Renal Cell Carcinoma and Upper Tract Urothelial Tumors	748
	ATREYA DASH AND ROBERT M. SWEET	
30	Pathophysiology, Evaluation, and Management of Adrenal Disorders	769
	BRADLEY F. SCHWARTZ AND ROBERT M. SWEET	
31	Complications of Urologic Surgery	809
	JESSICA C. DAI, PETER SUNARYO, CRAIG A. PETERS, AND ROBERT M. SWEET	
	Index	835

CONTRIBUTORS OF CAMPRELL-WALSH-WEIN, 15TH EDITION

Nancy E. Eisenra, Erik P. Castle, Christopher E. Walter, Michael E. Wood, Jay T. Bishoff, Ardeshir R. Rastinehad, Bruce R. Gilbert, Pat A. Palgham, Michael A. Gorin, and Steven P. Rowe

PATIENT HISTORY AND PHYSICAL EXAMINATION

A proper history and physical examination is essential in evaluating the urologic patient. Completing this assessment reliably and comprehensively allows for gathering information essential for diagnosis, counseling, treatment, and next steps.

CLINIC VISIT SET-UP

The clinic visit should be comforting and nonthreatening to the patient. The patient room or telehealth visit set-up should include ideal patient positioning and ability to make proper eye contact.

PATIENT HISTORY

Chief Complaint (CC)

The CC is the reason why a patient is seeking urologic care and is the starting point for the visit.