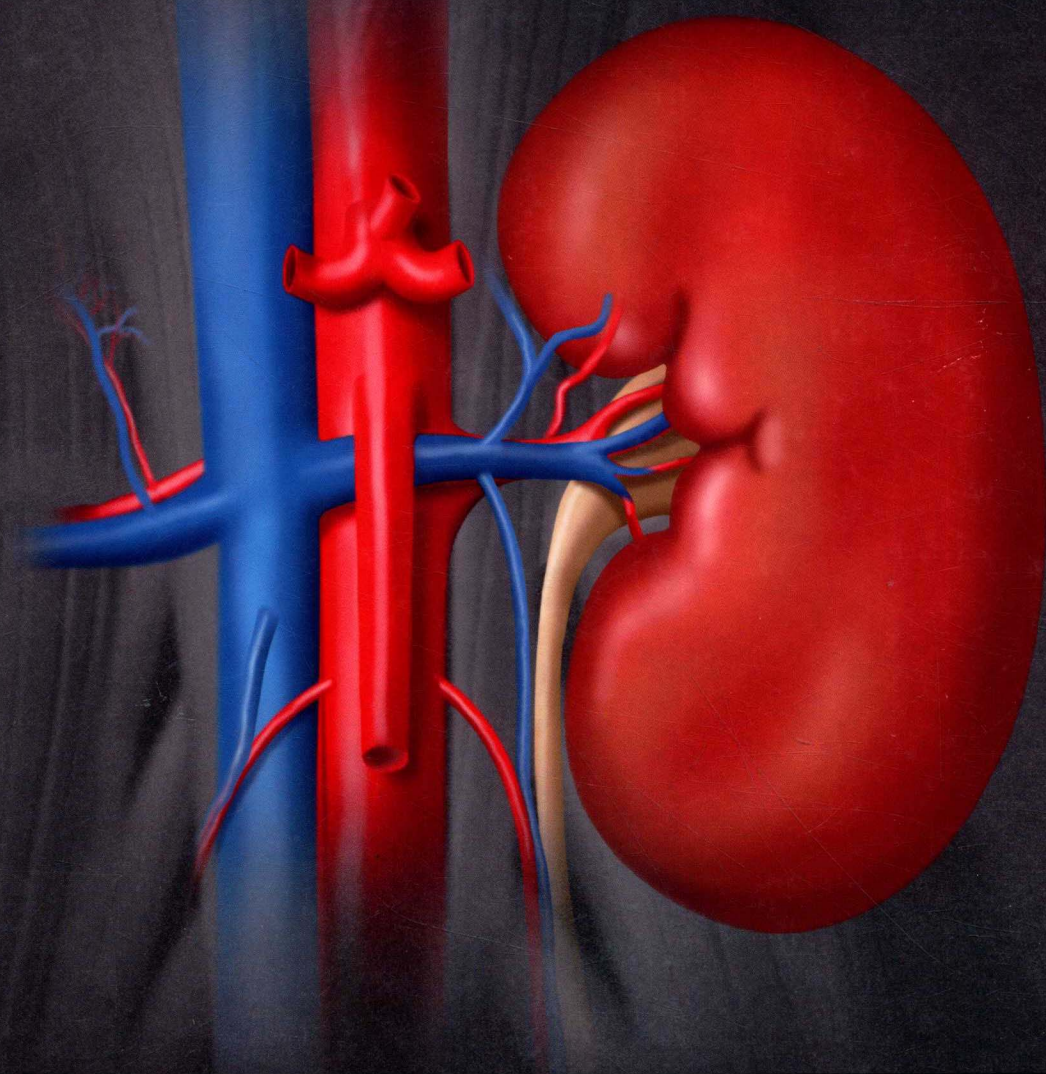


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Genitourinary
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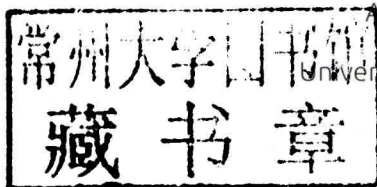
THIRD EDITION

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Dedications

To the home team: My wonderful wife, Mary, and our sons, Daniel, Josh, and Andrew. The Tublin mantra: Good things happen with drive, commitment, and integrity...but it's really your love and support that make everything possible.

MT

I would like to dedicate this book to my wonderful wife, Goli, and to my beloved parents who have supported me in every second of my life.

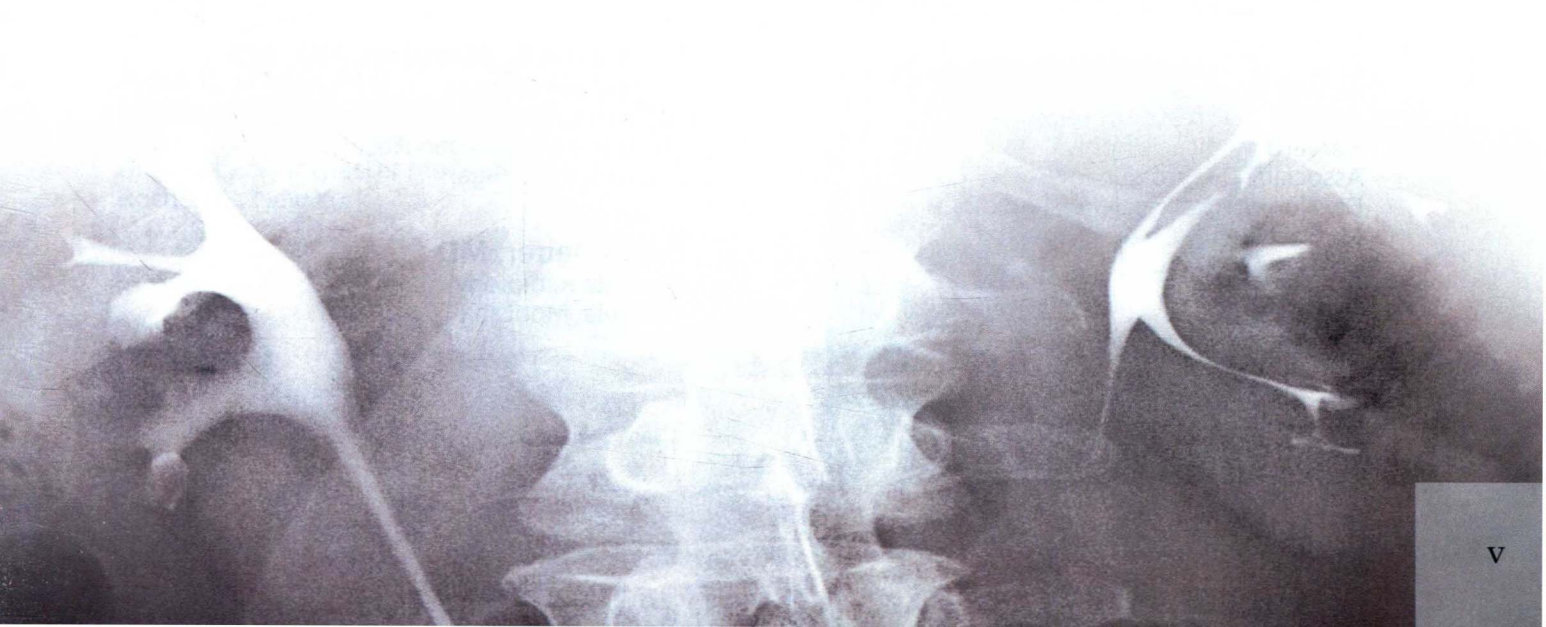
AB

To Liz, for her patience, support, and love.

AF

*To Chiara, Sofia, and Oscar for their unwavering love and support.
To my mentor, Mitch Tublin, and my AI colleagues.
To my parents, Michelene and Tom.*

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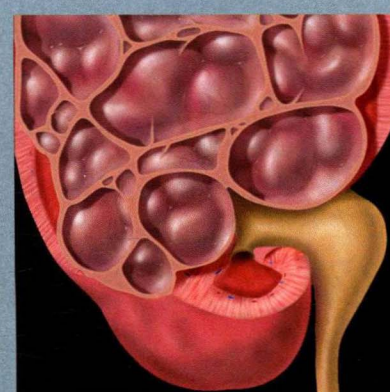
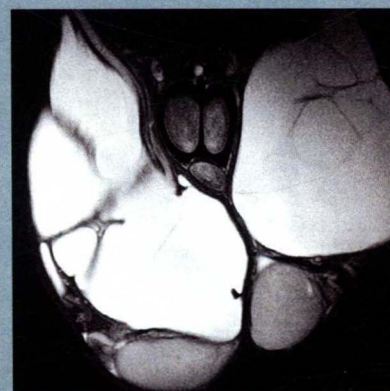
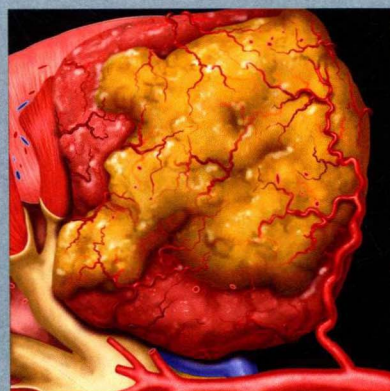
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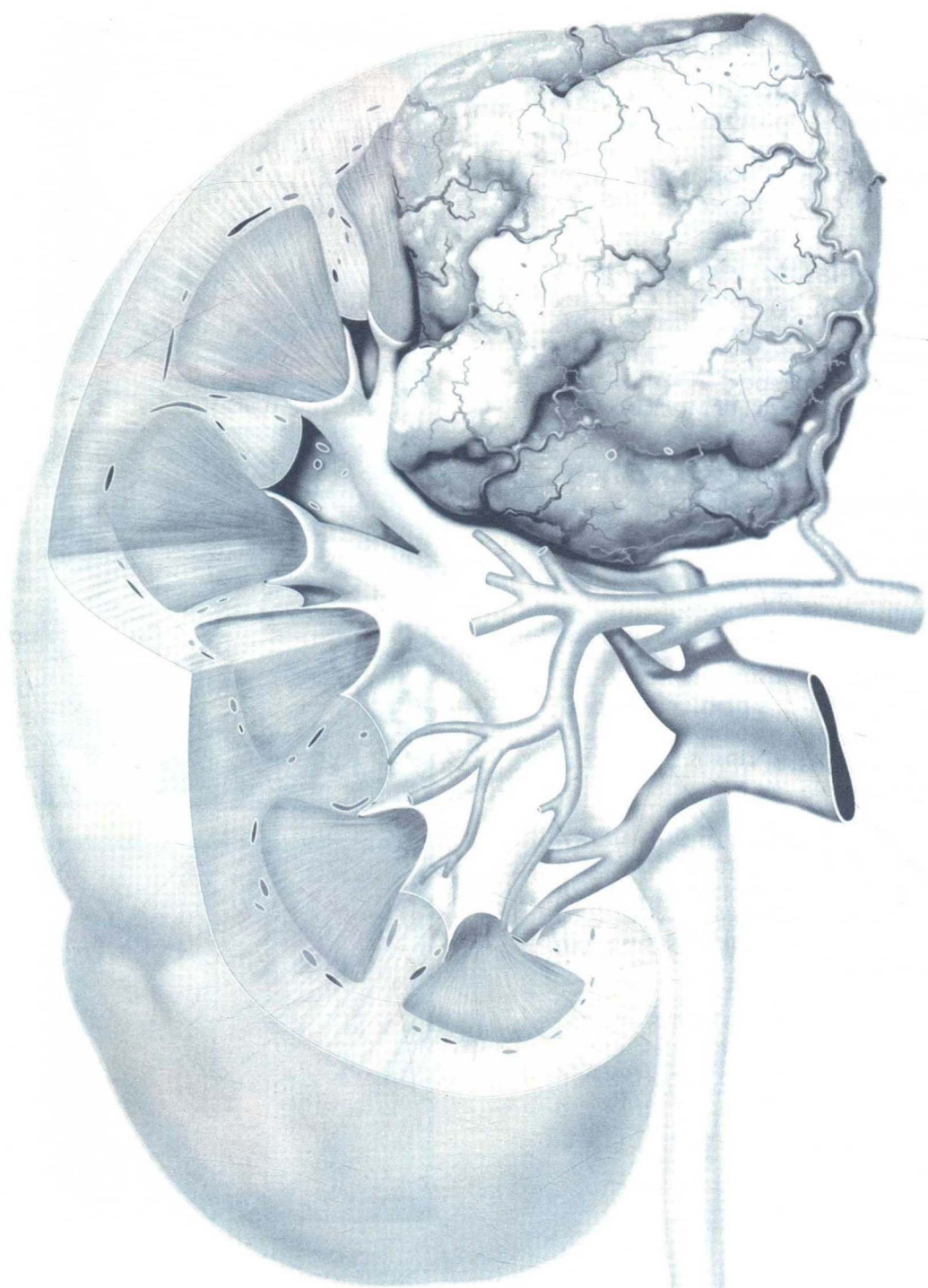
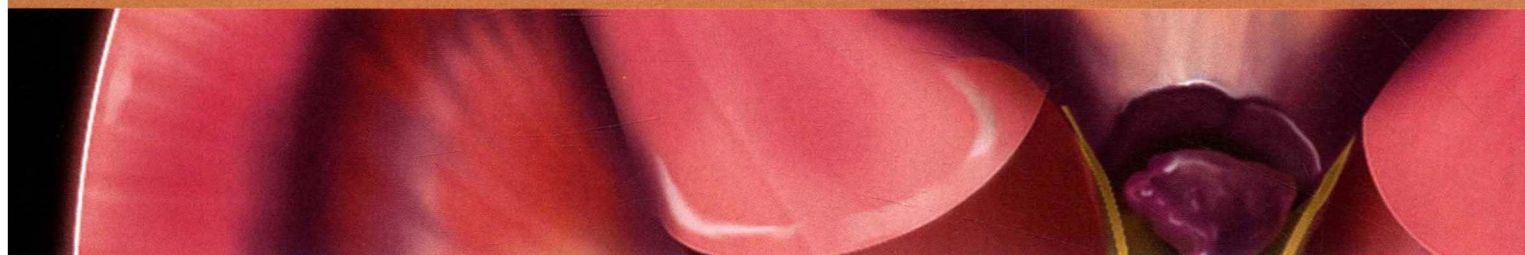
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Preface

Abdominal imagers recognize that a formal rigid split between GU and GI radiology no longer works with the rapid advancements in cross-sectional imaging that have occurred over the past generation. Nonetheless, when we began planning for the third edition of *Diagnostic Imaging: Abdomen*, we realized that it was no longer possible to encompass the imaging and management of the entire spectrum of abdominal disorders in one text. Thus we decided to separate diagnoses considered to be largely genitourinary (highlighted in this updated and expanded text) from topics judged to be gastrointestinal (covered in a corresponding, companion book).

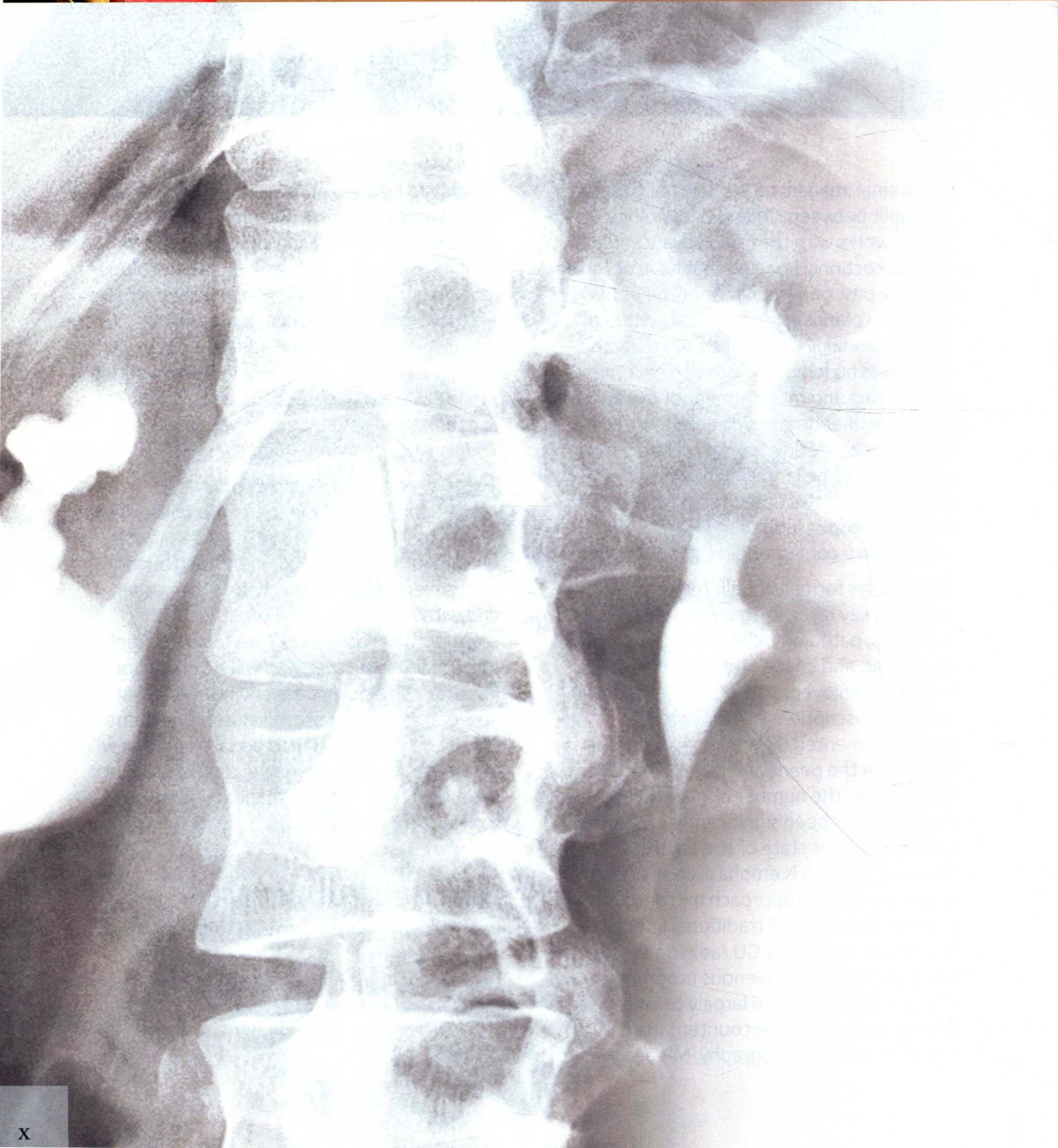
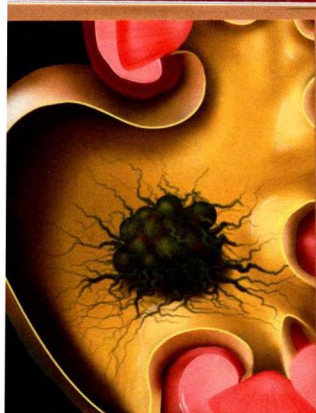
The Amirsys format of bulleted text — including key facts, imaging features, exam protocols, pathology, clinical manifestations/treatment, and image interpretation pearls — is still employed. Succinct but exhaustive outlined descriptions of GU diagnoses are supplemented by image galleries that emphasize the pearls and pitfalls of modern GU imaging. The number of genitourinary diagnoses has been significantly expanded, and the utility of state of the art cross-sectional imaging is emphasized in updated image panels. The approach mirrors current practice: Examples of traditional imaging techniques utilized by GU radiologists decades ago (retrograde, intravenous urography, angiography, etc.) have largely been replaced by their cross-sectional counterparts (MDCT, MR, CTA, MRA, CT urography, MR urography)

employed by present day abdominal imagers. Introductory narrative overview chapters describe relevant GU anatomy, physiology, imaging protocols and work-up. GU oncology staging and interventional technique chapters —crucial material for current abdominal imagers—have also been added. Finally, additional images and references are included in the Elsevier Expert Consult eBook that accompanies the print version of *Diagnostic Imaging: Genitourinary, Third Edition*.

This new edition of *Diagnostic Imaging: Genitourinary* was compiled by members of the Abdominal Imaging Division of the University of Pittsburgh. The division has a long history of excellent collaboration with one another, and with referring clinical services. This collaboration has resulted in a legacy of clinical and academic success, and will be even more important in a healthcare environment that appropriately emphasizes value over volume. We are confident that this updated edition will be a go-to, readily accessible, clinically relevant resource for abdominal imagers and trainees for years to come.

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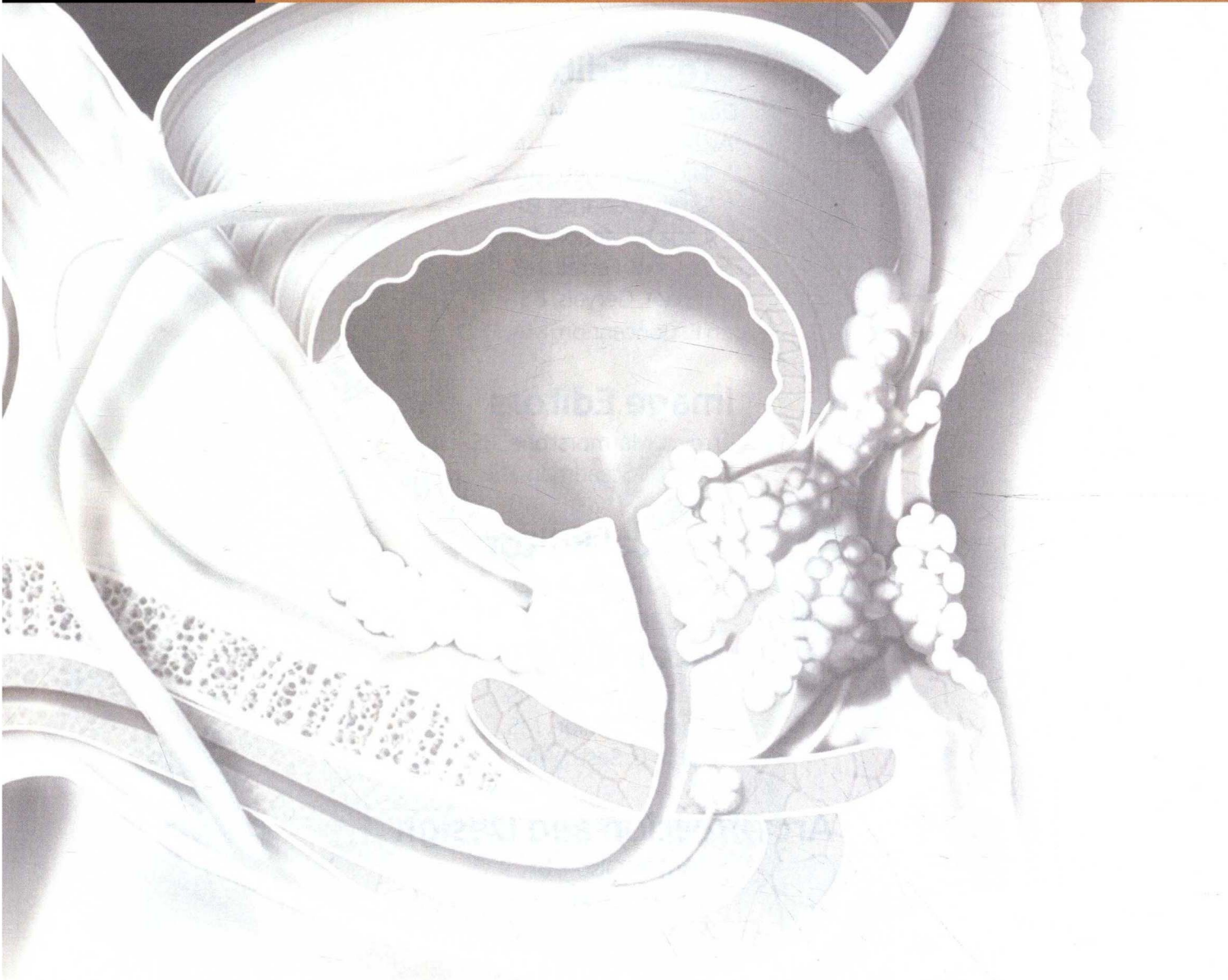
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Sections

SECTION 1: OVERVIEW AND INTRODUCTION

SECTION 2: RETROPERITONEUM

SECTION 3: ADRENAL

SECTION 4: KIDNEY AND RENAL PELVIS

SECTION 5: URETER

SECTION 6: BLADDER

SECTION 7: URETHRA/PENIS

SECTION 8: TESTES

SECTION 9: EPIDIDYMIS

SECTION 10: SCROTUM

SECTION 11: SEMINAL VESICLES

SECTION 12: PROSTATE

SECTION 13: PROCEDURES

TABLE OF CONTENTS

SECTION 1: OVERVIEW AND INTRODUCTION

- 4 **Imaging Approaches**
Mitchell Tublin, MD

SECTION 2: RETROPERITONEUM

- 12 **Introduction to the Retroperitoneum**
Matthew T. Heller, MD, FSAR

CONGENITAL

- 16 **Duplications and Anomalies of IVC**
Matthew T. Heller, MD, FSAR

INFLAMMATION

- 20 **Retroperitoneal Fibrosis**
Matthew T. Heller, MD, FSAR

DEGENERATIVE

- 24 **Pelvic Lipomatosis**
Matthew T. Heller, MD, FSAR

TREATMENT RELATED

- 26 **Coagulopathic (Retroperitoneal) Hemorrhage**
Matthew T. Heller, MD, FSAR
30 **Postoperative Lymphocele**
Matthew T. Heller, MD, FSAR

BENIGN NEOPLASMS

- 32 **Retroperitoneal Neurogenic Tumor**
Matthew T. Heller, MD, FSAR

MALIGNANT NEOPLASMS

- 36 **Retroperitoneal Sarcoma**
Matthew T. Heller, MD, FSAR and Michael P. Federle, MD, FACR
40 **Retroperitoneal and Mesenteric Lymphoma**
Matthew T. Heller, MD, FSAR
44 **Retroperitoneal Metastases**
Matthew T. Heller, MD, FSAR
48 **Hemangiopericytoma**
Matthew T. Heller, MD, FSAR
50 **Perivascular Epithelioid Cell Tumor (PEComa)**
Matthew T. Heller, MD, FSAR

SECTION 3: ADRENAL

- 54 **Introduction to the Adrenals**
Mitchell Tublin, MD and Michael P. Federle, MD, FACR

INFECTION

- 58 **Adrenal Tuberculosis and Fungal Infection**
Mitchell Tublin, MD and Michael P. Federle, MD, FACR

METABOLIC OR INHERITED

- 60 **Adrenal Hyperplasia**
Mitchell Tublin, MD and Michael P. Federle, MD, FACR
64 **Adrenal Insufficiency**
Mitchell Tublin, MD and Michael P. Federle, MD, FACR

TRAUMA

- 66 **Adrenal Hemorrhage**
Mitchell Tublin, MD and Michael P. Federle, MD, FACR

BENIGN NEOPLASMS

- 70 **Adrenal Cyst**
Mitchell Tublin, MD
74 **Adrenal Adenoma**
Mitchell Tublin, MD
80 **Adrenal Myelolipoma**
Mitchell Tublin, MD and Michael P. Federle, MD, FACR
84 **Pheochromocytoma**
Mitchell Tublin, MD

MALIGNANT NEOPLASMS

- 90 **Adrenal Carcinoma**
Mitchell Tublin, MD and Michael P. Federle, MD, FACR
94 **Adrenal Carcinoma Staging**
Marta Heilbrun, MD, MS
104 **Adrenal Lymphoma**
Mitchell Tublin, MD
106 **Adrenal Metastases**
Mitchell Tublin, MD
110 **Adrenal Collision Tumor**
Mitchell Tublin, MD and Michael P. Federle, MD, FACR

SECTION 4: KIDNEY AND RENAL PELVIS

- 114 **Introduction to Renal Physiology and Contrast**
Alessandro Furlan, MD
116 **Introduction to the Kidney and Renal Pelvis**
Alessandro Furlan, MD

NORMAL VARIANTS AND PSEUDOLESIONS

- 122 **Renal Fetal Lobation**
Amir A. Borhani, MD and Michael P. Federle, MD, FACR
124 **Junctional Cortical Defect**
Amir A. Borhani, MD

TABLE OF CONTENTS

- 126 **Column of Bertin**
Amir A. Borhani, MD and Michael P. Federle, MD, FACP

CONGENITAL

- 128 **Horseshoe Kidney**
Alessandro Furlan, MD and Michael P. Federle, MD, FACP
- 132 **Renal Ectopia and Agenesis**
Alessandro Furlan, MD and Michael P. Federle, MD, FACP
- 136 **Ureteropelvic Junction Obstruction**
Alessandro Furlan, MD and Michael P. Federle, MD, FACP
- 140 **Congenital Megacalyces and Megaureter**
Alessandro Furlan, MD
- 142 **Renal Lymphangiomatosis**
Alessandro Furlan, MD

INFECTION

- 144 **Acute Pyelonephritis**
Alessandro Furlan, MD
- 148 **Chronic Pyelonephritis/Reflux Nephropathy**
Alessandro Furlan, MD and Amir A. Borhani, MD
- 150 **Xanthogranulomatous Pyelonephritis**
Alessandro Furlan, MD and R. Brooke Jeffrey, MD
- 154 **Emphysematous Pyelonephritis**
Alessandro Furlan, MD and R. Brooke Jeffrey, MD
- 156 **Renal Abscess**
Alessandro Furlan, MD and R. Brooke Jeffrey, MD
- 160 **Pyonephrosis**
Alessandro Furlan, MD
- 162 **Opportunistic Renal Infections**
Alessandro Furlan, MD and Amir A. Borhani, MD

RENAL CYSTIC DISEASE

- 164 **Renal Cyst**
Alessandro Furlan, MD
- 168 **Parapelvic (Peripelvic) Cyst**
Alessandro Furlan, MD
- 170 **Autosomal Dominant Polycystic Kidney Disease**
Alessandro Furlan, MD
- 174 **Uremic Cystic Disease**
Alessandro Furlan, MD
- 176 **von Hippel-Lindau Disease**
Alessandro Furlan, MD
- 178 **Medullary Cystic Kidney Disease**
Michael P. Federle, MD, FACP
- 180 **Lithium Nephropathy**
Alessandro Furlan, MD and Amir A. Borhani, MD
- 182 **Localized Cystic Renal Disease**
Alessandro Furlan, MD and Michael P. Federle, MD, FACP

BENIGN NEOPLASMS

- 184 **Renal Angiomyolipoma**
Matthew T. Heller, MD, FSAR
- 190 **Renal Oncocytoma**
Matthew T. Heller, MD, FSAR
- 194 **Metanephric Adenoma**
Matthew T. Heller, MD, FSAR

- 196 **Multilocular Cystic Nephroma**
Matthew T. Heller, MD, FSAR and Michael P. Federle, MD, FACP
- 200 **Mixed Epithelial and Stromal Tumor**
Matthew T. Heller, MD, FSAR

MALIGNANT NEOPLASMS

- 202 **Renal Cell Carcinoma**
Matthew T. Heller, MD, FSAR
- 208 **Renal Cell Carcinoma Staging**
Todd M. Blodgett, MD and Karl Yaeger, MD and Vineet Krishan Khanna, MD
- 232 **Medullary Carcinoma**
Matthew T. Heller, MD, FSAR
- 234 **Collecting Duct Carcinoma**
Matthew T. Heller, MD, FSAR
- 236 **Renal Transitional Cell Carcinoma**
Matthew T. Heller, MD, FSAR
- 240 **Renal Pelvis and Ureteral Carcinoma Staging**
Akram M. Shaaban, MBBCh
- 256 **Renal Lymphoma**
Matthew T. Heller, MD, FSAR
- 258 **Renal Metastases**
Matthew T. Heller, MD, FSAR

METABOLIC

- 260 **Nephrocalcinosis**
Matthew T. Heller, MD, FSAR and Michael P. Federle, MD, FACP
- 264 **Urolithiasis**
Matthew T. Heller, MD, FSAR
- 268 **Paroxysmal Nocturnal Hemoglobinuria**
Matthew T. Heller, MD, FSAR

RENAL FAILURE AND MEDICAL RENAL DISEASE

- 270 **Hydronephrosis**
Alessandro Furlan, MD
- 272 **Glomerulonephritis**
Michael P. Federle, MD, FACP
- 274 **Acute Tubular Necrosis**
Alessandro Furlan, MD
- 276 **Renal Cortical Necrosis**
Alessandro Furlan, MD
- 278 **Renal Papillary Necrosis**
Michael P. Federle, MD, FACP
- 280 **HIV Nephropathy**
Alessandro Furlan, MD
- 282 **Chronic Renal Failure**
Alessandro Furlan, MD
- 284 **Renal Lipomatosis**
Alessandro Furlan, MD and Amir A. Borhani, MD

VASCULAR DISORDERS

- 286 **Renal Artery Stenosis**
Amir A. Borhani, MD
- 290 **Renal Infarction**
Amir A. Borhani, MD

TABLE OF CONTENTS

- 296 Renal Vein Thrombosis
Amir A. Borhani, MD

TRAUMA

- 300 Renal Trauma
Matthew T. Heller, MD, FSAR
304 Urinoma
Matthew T. Heller, MD, FSAR

TRANSPLANTATION

- 306 Renal Transplantation
Mitchell Tublin, MD

TREATMENT RELATED

- 312 Postoperative State, Kidney
Amir A. Borhani, MD
316 Radiation Nephritis
Amir A. Borhani, MD
318 Contrast-Induced Nephropathy
Amir A. Borhani, MD

SECTION 5: URETER

- 324 Introduction to the Ureter
Amir A. Borhani, MD and Paula J. Woodward, MD

CONGENITAL

- 326 Duplicated and Ectopic Ureter
Amir A. Borhani, MD
330 Ureterocele
Amir A. Borhani, MD

INFLAMMATION

- 334 Ureteritis Cystica
Amir A. Borhani, MD and Michael P. Federle, MD, FACR
336 Ureteral Stricture
Amir A. Borhani, MD
338 Malakoplakia
Amir A. Borhani, MD

TRAUMA

- 340 Ureteral Trauma
Matthew T. Heller, MD, FSAR and Michael P. Federle, MD, FACR

NEOPLASMS

- 344 Polyps
Amir A. Borhani, MD
346 Ureteral Transitional Cell Carcinoma
Amir A. Borhani, MD

MISCELLANEOUS

- 350 Ureterectasis of Pregnancy
Amir A. Borhani, MD

SECTION 6: BLADDER

- 354 Introduction to the Bladder
Amir A. Borhani, MD and Paula J. Woodward, MD

CONGENITAL

- 358 Urachal Anomalies
Amir A. Borhani, MD and Michael P. Federle, MD, FACR

INFECTION

- 362 Cystitis
Amir A. Borhani, MD
364 Bladder Schistosomiasis
Amir A. Borhani, MD

DEGENERATIVE

- 366 Bladder Calculi
Amir A. Borhani, MD and Michael P. Federle, MD, FACR
368 Bladder Diverticulum
Amir A. Borhani, MD
372 Fistulas of the Genitourinary Tract
Amir A. Borhani, MD and Michael P. Federle, MD, FACR
376 Neurogenic Bladder
Amir A. Borhani, MD and Michael P. Federle, MD, FACR

TRAUMA

- 380 Bladder Trauma
Matthew T. Heller, MD, FSAR and Michael P. Federle, MD, FACR

TREATMENT RELATED

- 384 Postoperative State, Bladder
Amir A. Borhani, MD

BENIGN NEOPLASMS

- 388 Mesenchymal Bladder Neoplasms
Amir A. Borhani, MD
392 Bladder Inflammatory Pseudotumor
Amir A. Borhani, MD
394 Bladder and Ureteral Intramural Masses
Amir A. Borhani, MD

MALIGNANT NEOPLASMS

- 398 Urinary Bladder Carcinoma
Akram M. Shaaban, MBBCh
416 Squamous Cell Carcinoma
Amir A. Borhani, MD
418 Adenocarcinoma
Amir A. Borhani, MD

SECTION 7: URETHRA/PENIS

- 422 Introduction to the Urethra
Matthew T. Heller, MD, FSAR and Paula J. Woodward, MD

NEOPLASMS

- 424 Urethral Carcinoma
Christine O. Menias, MD

TABLE OF CONTENTS

INFECTION

- 436 **Urethral Stricture**
Matthew T. Heller, MD, FSAR and Michael P. Federle, MD, FACR
- 438 **Urethral Diverticulum**
Matthew T. Heller, MD, FSAR

TRAUMA

- 442 **Urethral Trauma**
Matthew T. Heller, MD, FSAR and Amir A. Borhani, MD
- 444 **Erectile Dysfunction**
Matthew T. Heller, MD, FSAR

SECTION 8: TESTES

NONNEOPLASTIC CONDITIONS

- 448 **Approach to Scrotal Sonography**
Shweta Bhatt, MD
- 450 **Cryptorchidism**
Paula J. Woodward, MD
- 452 **Testicular Torsion**
Shweta Bhatt, MD and Mitchell Tublin, MD
- 456 **Segmental Infarction**
Mitchell Tublin, MD
- 458 **Tubular Ectasia**
Mitchell Tublin, MD and Shweta Bhatt, MD
- 460 **Testicular Microlithiasis**
Mitchell Tublin, MD and Shweta Bhatt, MD

NEOPLASMS

- 464 **Germ Cell Tumors**
Mitchell Tublin, MD and Shweta Bhatt, MD
- 468 **Testicular Carcinoma Staging**
David Bauer, MD and Akram M. Shaaban, MBCh
- 480 **Stromal Tumors**
Shweta Bhatt, MD and Mitchell Tublin, MD
- 484 **Testicular Lymphoma and Leukemia**
Shweta Bhatt, MD
- 486 **Epidermoid Cyst**
Mitchell Tublin, MD and Shweta Bhatt, MD

SECTION 9: EPIDIDYMIS

- 490 **Epididymitis**
Mitchell Tublin, MD and Shweta Bhatt, MD and Amit B. Desai, MD
- 494 **Adenomatoid Tumor**
Katherine E. Maturen, MD, MS
- 496 **Spermatocele/Epididymal Cyst**
Katherine E. Maturen, MD, MS
- 498 **Sperm Granuloma**
Mitchell Tublin, MD

SECTION 10: SCROTUM

- 502 **Hydrocele**
Mitchell Tublin, MD and R. Brooke Jeffrey, MD
- 504 **Varicocele**
Mitchell Tublin, MD and R. Brooke Jeffrey, MD

- 506 **Pyocele**
R. Brooke Jeffrey, MD
- 508 **Hernia**
Amir A. Borhani, MD
- 512 **Fournier Gangrene**
Mitchell Tublin, MD
- 514 **Scrotal Trauma**
Mitchell Tublin, MD and Shweta Bhatt, MD

SECTION 11: SEMINAL VESICLES

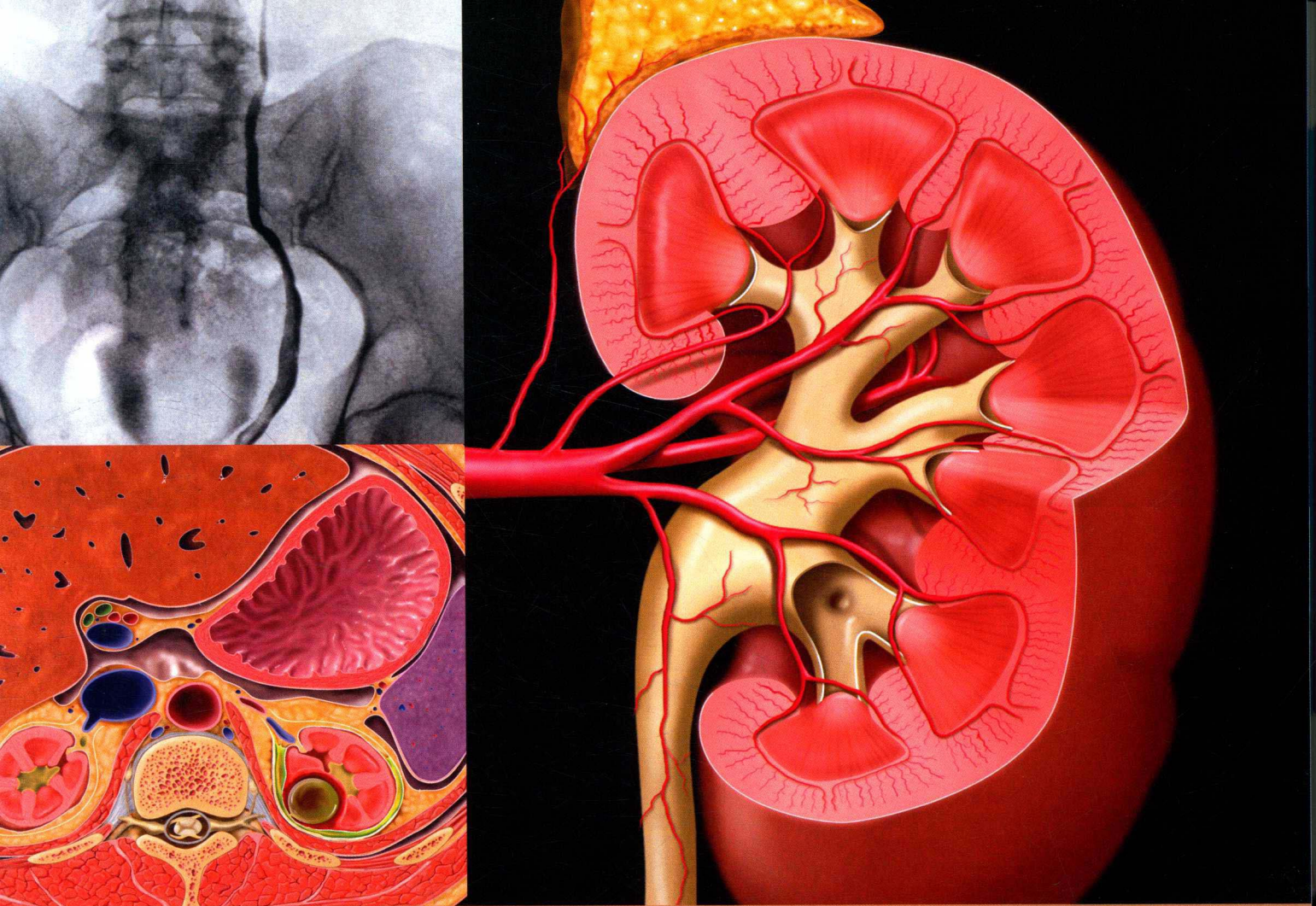
- 520 **Congenital Lesions**
Amir A. Borhani, MD
- 522 **Acquired Seminal Vesicle Lesions**
Amir A. Borhani, MD

SECTION 12: PROSTATE

- 528 **Prostatitis and Abscess**
Alessandro Furlan, MD and Paula J. Woodward, MD
- 530 **Benign Prostatic Hypertrophy**
Alessandro Furlan, MD and R. Brooke Jeffrey, MD
- 532 **Prostatic Cyst**
Alessandro Furlan, MD and Paula J. Woodward, MD
- 534 **Prostate Carcinoma**
Alessandro Furlan, MD
- 540 **Prostate Carcinoma Staging**
Marta Heilbrun, MD, MS

SECTION 13: PROCEDURES

- 554 **Percutaneous Genitourinary Interventions**
Matthew T. Heller, MD, FSAR and Ashraf Thabet, MD
- 566 **Kidney Ablation/Embolization**
Mitchell Tublin, MD and Ashraf Thabet, MD
- 578 **Post Kidney Transplant Procedures**
Mitchell Tublin, MD and Ashraf Thabet, MD
- 590 **Venous Sampling and Venography (Renal and Adrenal)**
Amir A. Borhani, MD and T. Gregory Walker, MD, FSIR
- 594 **Fertility and Sterility Interventions**
Gloria M. Salazar, MD



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