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Epithelial and Mesenchymal Tumors; Cystic Nephroma; General Information; Imaging; Pathology; Mixed Epithelial and Stromal Tumor of Kidney (MESTK); Pathology; Malignant Renal Neoplasms; Renal Cell Carcinoma (RCC); General Information; Imaging; Staging of RCC Role of CT and MRI in Staging RCC Role of Ultrasound in Staging RCC; Postsurgical Follow-Up; Familial Renal Cell Carcinomas; Von Hippel-Lindau Disease; Tuberous Sclerosis Complex (TSC); Hereditary Papillary Renal Cancer Syndrome; Hereditary Leiomyomatosis and Renal Cell Carcinoma (HLRCC Syndrome); Oncocytomatosis; Birt-Hogg-Dube Syndrome; Lynch Type II Syndrome; Histological Subtypes of RCC; Clear Cell Carcinoma; General Information; Imaging; Pathology; Papillary Renal Cell Carcinoma; General Information; Imaging; Pathology; Chromophobe Renal Cell Carcinoma; General Information; Imaging Pathology Multilocular Cystic Renal Cell Carcinoma; General Information; Imaging; Pathology; Collecting Duct Carcinoma; General Information; Imaging; Pathology; Medullary Carcinoma; General Information; Imaging; Pathology; Translocation Carcinoma; General Information; Pathology; Mucinous Tubular and Spindle Cell Carcinoma; General Information; Imaging; Pathology; Malignant Nephroblastic Neoplasms; Nephroblastoma (Wilms' Tumor); General Information; Imaging; Pathology; Cystic Partially Differentiated Nephroblastoma; Malignant Mesenchymal Tumors Occurring Mainly in Children Clear Cell Sarcoma of Kidney General Information; Imaging; Pathology; Rhabdoid Tumor of Kidney; General Information; Imaging; Pathology; Renal Sarcoma; General Information; Imaging; Leiomyosarcoma; General Information; Imaging; Pathology; Renal Lymphoma; General Information; Imaging; Pathology; Metastases; General Information; Imaging; Other Kidney Neoplasms; Pathology; Role of PET in Renal Neoplasms; Suggested Reading; 2: Inflammatory Conditions of the Kidney; Introduction; Acute Pyelonephritis; Acute Bacterial Renal Infection in Children; General Information; Imaging; Differential Diagnosis Pearls and Pitfalls

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## Sommario/riassunto

Genitourinary Radiology: Kidney, Bladder and Urethra: The Pathologic Basis provides a lavishly illustrated guide to the radiologic and pathologic features of a broad spectrum of genitourinary diseases of the urinary tract, including the entities most commonly encountered in day to day practice. The editors are authorities in the fields of genitourinary radiology and pathology, and the authors of each chapter are renowned radiologists. The pathology content of the chapters has been provided by an internationally recognized genitourinary pathologist. Genitourinary Radiology: Kidney, Bladder and Urethra: The Pathologic Basis covers inflammatory conditions, vascular disorders and cystic disease of the kidney; neoplasms of the kidney, renal pelvis, bladder and urethra; non-neoplastic disorders of the renal pelvis, bladder and urethra; kidney and bladder trauma; calculus disease; and medical renal disease. General, plain film, intravenous pyelography, ultrasound, computed tomography, magnetic resonance imaging, nuclear medicine imaging and PET imaging of each disease entity are included. Accompanying the majority of the radiological narratives are complementary descriptions of the gross and microscopic features of the disease entities. Genitourinary Radiology: Kidney, Bladder and Urethra: The Pathologic Basis is aimed at radiologists in private and academic practice, radiology residents, urologists, urology trainees, pathology trainees and fellows specializing in genitourinary pathology. Both experts and beginners can use this excellent reference book to enhance their skills in the fields of genitourinary radiology and pathology.

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