

Contents

List of Abbreviations	XV
1 Histopathological Classification SHIGEKI TOMITA, YOSHIHIKO UEDA, and TAKAHIRO FUJIMORI	1
2 Ultrasound and Doppler in Kidney Cancer OLIVIER HÉLÉNON and JEAN-MICHEL CORREAS	15
3 CT in Kidney Cancer SHEILA SHETH and ELLIOT K. FISHMAN	29
4 Magnetic Resonance Imaging in Kidney Cancer E. SCOTT PRETORIUS	51
5 Angiography in Kidney Cancer JOCELYN A. S. BROOKES and UDAY PATEL	75
6 PET and PET/CT in Kidney Cancer CHRISTIAAN SCHIEPERS	89
7 Renal Cell Carcinoma DAVID W. BARKER and RONALD J. ZAGORIA	103
8 Transitional Cell Carcinoma RONAN F. BROWNE and WILLIAM C. TORREGGIANI	125
9 Kidney Sarcomas EMILY D. BILLINGSLEY and SANTIAGO RESTREPO	145
10 Cystic Renal Masses GARY M. ISRAEL	159
11 Collecting Duct Carcinoma SEONG KUK YOON and SEO HEE RHA	171
12 Renal Sinus Neoplasms SUNG EUN RHA and JAE YOUNG BYUN	187
13 Small Renal Neoplasms NANCY S. CURRY	203
14 Unusual Kidney Cancers KYEONG AH KIM and CHEOL MIN PARK	219

15	Hereditary Kidney Cancer TOSHIYUKI MIYAZAKI and MUTSUMASA TAKAHASHI	239
16	Extraosseous Metastases and Local Recurrence ALI GUERMAZI, IMAN EL-HARIRY, and YVES MIAUX	257
17	Imaging of Bone Metastases HEUNG SIK KANG and JUNG AH CHOI	309
18	Renal Lymphoma SHEILA SHETH and ELLIOT K. FISHMAN	321
19	Lymphoproliferative Neoplasms CLARA G. C. OOI and ALI GUERMAZI	337
20	Pediatric Kidney Cancer LISA H. LOWE and EUGENIO M. TABOADA	351
21	Percutaneous Biopsy and Radiofrequency Ablation AJAY K. SINGH, DEBRA A. GERVAIS, PETER F. HAHN, and PETER R. MUELLER	371
22	Transarterial Embolization JEAN-PIERRE PELAGE and SALAH DINE QANADLI	385
23	Preoperative Navigation of Nephron-Sparing Surgery TAKUYA UEDA, HISAO ITO, and ALI GUERMAZI	397
24	Laparoscopic Partial Nephrectomy RAID ABO-KAMIL and RIZK EL-GALLEY	415
	Subject Index	427
	List of Contributors	435



<http://www.springer.com/978-3-540-21129-7>

Imaging of Kidney Cancer

Guermazi, A. (Ed.)

2006, XVII, 439 p., Hardcover

ISBN: 978-3-540-21129-7