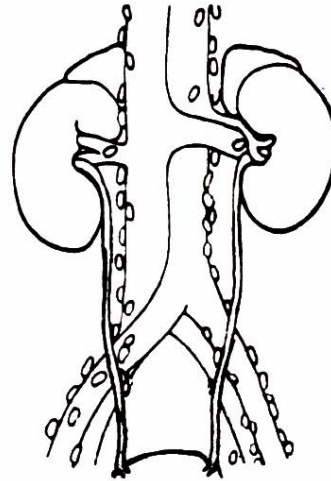
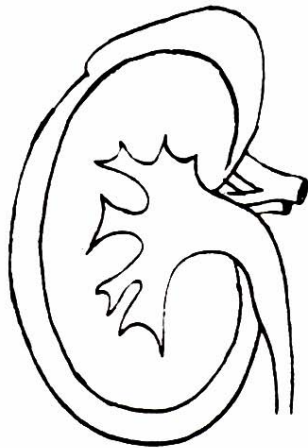




**KIDNEY  
STAGING DIAGRAM**



**SITE:** Kidney  Right  Left

**HISTOLOGY:** \_\_\_\_\_

**GRADE:** (Fuhrman system)    X                    1                    2                    3                    4

**NEW**  
Pre (No) Nephrectomy

**POST OPERATIVE**  
Post Nephrectomy

**RECURRENT DISEASE**  
Definitive treatment already received.  
Referred at recurrence.

**REFERRED FOR FOLLOW-UP**  
Previously treated and followed elsewhere  
before referral.

TNM 2002	T	X	0	1a	1b	2	3a	3b	3c	4
Clinical	N	X	0	1	2					
	M	X	0	1	Site(s) _____					
TNM 2002	T	X	0	1a	1b	2	3a	3b	3c	4
Pathological	N	X	0	1	2					
	M	X	0	1	Site(s) _____					
	pV	X	0	1	2					

Completed by: \_\_\_\_\_ Date: \_\_\_\_\_

Diagnosis/Stage amended to: \_\_\_\_\_

Reason: \_\_\_\_\_

By: \_\_\_\_\_ Date: \_\_\_\_\_

NOTIFY PATIENT INFORMATION MANAGEMENT (PIM) IF STAGE/DIAGNOSIS IS AMENDED

## KIDNEY

### TNM 2002 CLINICAL & PATHOLOGICAL CLASSIFICATION

#### **T PRIMARY TUMOUR**

TX	Primary tumour cannot be assessed
T0	No evidence of primary tumour
T1a	Tumour 4 cm or less in greatest dimension, limited to the kidney
T1b	Tumour greater than 4 cm, but not more than 7 cm, in greatest dimension, limited to the kidney
T2	Tumour more than 7.0 cm in greatest dimension, limited to the kidney
T3a	Tumour invades adrenal gland or perinephric tissues but not beyond Gerota fascia
T3b	Tumour grossly extends into renal vein(s) or vena cava below diaphragm
T3c	Tumour grossly extends into vena cava above diaphragm
T4	Tumour invades beyond Gerota fascia

#### **N REGIONAL LYMPH NODES \***

The regional lymph nodes are the hilar, abdominal para-aortic, and para caval nodes. Laterality does not affect the N categories

NX	Regional lymph nodes cannot be assessed
N0	No regional lymph node metastasis
N1	Metastasis in a single regional lymph node
N2	Metastasis in more than one regional lymph node

\* Laterality does not affect the N classification

*NOTE* If a lymph node dissection is performed, then pathologic evaluation would ordinarily include at least eight nodes

#### **M DISTANT METASTASIS**

Including extraregional lymph nodes

MX	Distant metastasis cannot be assessed
M0	No distant metastasis
M1	Distant metastasis

#### **V INVASION OF VEINS (TNM Atlas UICC 1985)**

VX	Venous invasion cannot be assessed
V0	Veins do not contain tumour
V1	Renal vein contains tumour
V2	Vena cava contains tumour

#### **GRADE (Fuhrman Nuclear Grade – ref: *Am J Surg Pathol* 6:655-663, 1982)**

1	Tumour composed of cells with small (approx. 10 $\mu$ ) round uniform nuclei with inconspicuous or absent nucleoli
2	Tumour composed of cells with larger (approx. 15 $\mu$ ) nuclei which exhibited irregularities in outline and nucleoli when examined under high (400x)power
3	Tumour composed of cells with large nuclei (approx.20 $\mu$ ) with an obviously irregular outline and prominent large nuclei even at low (100x)power
4	Tumour composed of features similar to grade 3 with the addition of bizarre, often multilobed nuclei and heavy chromatin clumps. These tumours often had areas of spindle-shaped cells resembling sarcomas
X	Unknown/not assessed