

ASSOCIATION OF DIRECTORS OF ANATOMIC AND SURGICAL PATHOLOGY

Final Anatomic Diagnosis Checklist

RENAL PELVIS AND URETER NEOPLASMS

(Ver 1.1, 11/03)

Accession No.: _____ **Part No.:** _____ **Date:** _____

Patient Name: _____

| ORGAN, | SITE, | OPERATION: |
|----------------------------|--------------|---------------------|
| Kidney | Right | Nephrectomy |
| Kidney and Adrenal | Left | Nephrectomy and |
| Kidney and Ureter | | Adrenalectomy |
| Kidney, Adrenal and Ureter | | ..Ureterectomy |
| Ureter | | Partial Nephrectomy |
| Other _____ | | |

-Primary Tumor Diagnosis: *Required*

- Papillary urothelial carcinoma
- Papillary urothelial carcinoma with urothelial carcinoma in-situ (intraurothelial neoplasia, high grade)
- Urothelial carcinoma, non-papillary
- Urothelial carcinoma, non-papillary, with urothelial carcinoma in-situ (intraurothelial neoplasia, high grade)
- Squamous cell carcinoma
- Adenocarcinoma
- Other _____

A. Size of Tumor: *Required* _____ cm x _____ cm x _____ cm

B. Tumor Grade: *Required* **Low Grade** **High Grade** (*for urothelial tumors*)
I **II** **III** (*for non-urothelial tumors*)

C. Extent of Tumor: *Required*
Tumor is multicentric, present in _____
(specify locations)
Tumor invades subepithelial connective tissue
Tumor invades muscularis
Tumor invades beyond muscularis into peripelvic adipose tissue or into renal parenchyma
Tumor invades beyond muscularis into periureteric adipose tissue
Tumor invades through the kidney into perinephric adipose tissue
Tumor invades _____ *(list adjacent organs)*

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-Margins of Excision: *Required*

No tumor identified at margins

Invasive carcinoma/In-situ carcinoma is present at the ureteral margin

Invasive carcinoma is present at perinephric margin

Other _____

-Lymph Nodes **(specify):** *Required*

A. Number examined: _____

B. Number positive: _____

C. Comment: _____

NOTE: Regional lymph nodes include (for kidney) renal hilar, paracaval, para-aortic, peri-aortic, and retroperitoneal and (for ureter) renal hilar, iliac, paracaval, periureteral and pelvic.

-Additional Tumor Features: *Optional*

A. **Lymphatic Invasion:** **Absent** **Present**

B. **Vascular Invasion:** **Absent** **Present**

C. **Other:** _____

-Adrenal Gland: *Optional*

No histopathologic changes are present

Tumor invades the adrenal gland

Nodular/diffuse cortical hyperplasia is present

Cortical adenoma is present _____ *(specify size)*

Other _____

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-Additional Findings and Comments: *Optional*

Renal Cortical Adenoma _____
(specify size and location)
Pyelonephritis _____
(specify degree of severity)
Cortical Infarct _____
(specify approximate number or multiple)
Arterio/arteriolonephrosclerosis _____
(specify degree of severity)
Other _____

-Ancillary Studies: *Optional*

Special stains are performed, the results are as follows:

A. _____
B. _____
C. _____
D. _____
Interpretation _____

Immunohistochemical studies are performed, the results are as follows:

A. _____
B. _____
C. _____
D. _____
Interpretation _____

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- pTN Stage: *Required*

A. Primary Tumor:

- pTX** Primary tumor cannot be assessed.
- pT0** No evidence of primary tumor.
- pTa** Papillary non-invasive carcinoma
- pTis** Urothelial carcinoma in-situ (intraurothelial neoplasia, high grade)
- pT1** Tumor invades subepithelial connective tissue
- pT2** Tumor invades muscularis
- pT3** (for renal pelvis only) Tumor invades beyond muscularis into peripelvic fat or into renal parenchyma
- pT3** (for ureter only) Tumor invades beyond muscularis into periureteric adipose tissue
- pT4** Tumor invades adjacent organs or through the kidney into the perinephric fat

B. Lymph Node:

- pNX** Regional lymph nodes cannot be assessed
- pN0** No regional lymph node metastasis
- pN1** Metastasis in a single lymph node, 2 cm or less in greatest dimension
- pN2** Metastasis in a single lymph node, more than 2 cm but not more than 5 cm in greatest dimension; or multiple lymph nodes, none greater than 5 cm in greatest dimension.
- pN3** Metastasis in a lymph node, more than 5 cm in greatest dimension

C. Distant Mestastasis:

- pMX** Distant metastasis cannot be assessed
- pM0** No distant metastasis
- pM1** Distant metastasis

References:

1. AJCC Cancer Staging Manual. Lippincott-Raven Press, 6th edition, 2002 (pg. 329-331).