

APPENDIX

Appendix 1: Sample pathology report

PROCEDURE

- Partial nephrectomy
- Radical nephrectomy
- Other (specify): _____
- Not specified

SPECIMEN LATERALITY

- Right
- Left
- Not specified

+ TUMOR SITE (SELECT ALL THAT APPLY)

- + Upper pole
- + Middle
- + Lower pole
- + Other (specify): _____
- + Not specified

TUMOR SIZE (LARGEST TUMOR IF MULTIPLE)

- Greatest dimension: ___ cm
- + Additional dimensions: ___ x ___ cm
- Cannot be determined (see “Comment”)

TUMOR FOCALITY

- Unifocal
- Multifocal

MACROSCOPIC EXTENT OF TUMOR

- Primary tumor cannot be assessed
- No evidence of primary tumor
- Tumor limited to kidney
- Tumor extension into perinephric tissues
- Tumor extension into renal sinus
- Tumor extension beyond Gerota’s fascia

Tumor extension into major veins (renal vein or its segmental (muscle containing) branches, inferior vena cava)

Tumor extension into pelvicaliceal system

+ Major calyx

+ Minor calyx

Tumor extension into adrenal gland

Direct invasion (T4)

Noncontiguous (M1)

Tumor extension into other organ(s)/structure(s) (specify): _____

Histologic Type

Clear cell renal cell carcinoma

Multilocular clear cell renal cell carcinoma

Papillary renal cell carcinoma

Chromophobe renal cell carcinoma

Carcinoma of the collecting ducts of Bellini

Renal medullary carcinoma

Translocation carcinoma (Xp11 or others)

Carcinoma associated with neuroblastoma

Mucinous tubular and spindle cell carcinoma

Tubulocystic renal cell carcinoma

Renal cell carcinoma, unclassified

Other (specify): _____

SARCOMATOID FEATURES

Not identified

Present

Specify percentage of sarcomatoid element: _____ %

+ TUMOR NECROSIS (ANY AMOUNT)

+ Not identified

+ Present

HISTOLOGIC GRADE (FUHRMAN NUCLEAR GRADE)

Not applicable

GX: Cannot be assessed

G1: Nuclei round, uniform, approximately 10 μ m; nucleoli inconspicuous or absent

- G2: Nuclei slightly irregular, approximately 15 µm; nucleoli evident
- G3: Nuclei very irregular, approximately 20 µm; nucleoli large and prominent
- G4: Nuclei bizarre and multilobated, 20 µm or greater, nucleoli prominent, chromatin clumped
- Other (specify): _____

MICROSCOPIC TUMOR EXTENSION (SELECT ALL THAT APPLY)

- Primary tumor cannot be assessed
- No evidence of primary tumor
- TUMOR LIMITED TO KIDNEY**
- Tumor extension into perinephric tissue (beyond renal capsule)
- Tumor extension into renal sinus
- Tumor extension beyond Gerota's fascia
- Tumor extension into major vein (renal vein or its segmental (muscle containing) branches, inferior vena cava)
- Tumor extension into pelvicalyceal system
- Tumor extension into adrenal gland
 - Direct invasion (T4)
 - Noncontiguous (M1)
- Tumor extension into other organ(s)/structure(s) (specify): _____

MARGINS (SELECT ALL THAT APPLY)

- Cannot be assessed
- Margins uninvolved by invasive carcinoma
- Margin(s) involved by invasive carcinoma
 - Renal parenchymal margin (partial nephrectomy only)
 - Renal capsular margin (partial nephrectomy only)
 - Perinephric fat margin (partial nephrectomy only)
 - Gerota's fascial margin
 - Renal vein margin
 - Ureteral margin
 - Other (specify): _____

+ LYMPH-VASCULAR INVASION

(excluding renal vein and its muscle containing segmental branches and inferior vena cava)

- + Not identified
- + Present
- + Indeterminate

PATHOLOGIC STAGING (PTNM)

TNM Descriptors (required only if applicable) (select all that apply)

m (multiple primary tumors)

r (recurrent)

y (posttreatment)

PRIMARY TUMOR (PT)

pTX: Primary tumor cannot be assessed

pT0: No evidence of primary tumor

pT1: Tumor 7 cm or less in greatest dimension, limited to the kidney

pT1a: Tumor 4 cm or less in greatest dimension, limited to the kidney

pT1b: Tumor more than 4 cm but not more than 7 cm in greatest dimension, limited to the kidney

pT2: Tumor more than 7 cm in greatest dimension, limited to the kidney

pT2a: Tumor more than 7 cm but less than or equal to 10 cm in greatest dimension, limited to the kidney

pT2b: Tumor more than 10 cm, limited to the kidney

pT3: Tumor extends into major veins or perinephric tissues but not into the ipsilateral adrenal gland and not beyond Gerota's fascia

pT3a: Tumor grossly extends into the renal vein or its segmental (muscle containing) branches, or tumor invades perirenal and/or renal sinus fat but not beyond Gerota's fascia

pT3b: Tumor grossly extends into the vena cava below the diaphragm

pT3c: Tumor grossly extends into vena cava above diaphragm or invades the wall of the vena cava

pT4: Tumor invades beyond Gerota's fascia (including contiguous extension into the ipsilateral adrenal gland)

REGIONAL LYMPH NODES (PN)

pNX: Regional lymph nodes cannot be assessed

pN0: No regional lymph node metastasis

pN1: Metastasis in regional lymph node(s)

No nodes submitted or found

Number of Lymph Nodes Examined

Specify: _____

Number cannot be determined (explain): _____

Number of Lymph Nodes Involved

Specify: _____

Number cannot be determined (explain): _____

DISTANT METASTASIS (PM)

Not applicable

pM1: Distant metastasis