



Pathology Report

**Final Diagnosis**

- A FAT ADJACENT TO TUMOR:  
Adipose tissue, no evidence of malignancy.
- B DEEP MARGIN LEFT KIDNEY:  
Renal parenchyma, no evidence of malignancy.
- C LEFT KIDNEY, PARTIAL NEPHRECTOMY:  
Renal cell carcinoma, papillary type II. See Key Pathologic Findings.  
Surgical margins, free of malignancy.  
Pathologic stage: pT1a NX MX.

I, the attending pathologist, personally reviewed all slides and / or materials and rendered the final diagnosis. Electronically Signed Out by

TG.O.3

**Key Pathological Findings**

C: Kidney Resection

PROCEDURE:

Partial nephrectomy

SPECIMEN LATERALITY:

Left

TUMOR SIZE (largest tumor if multiple):

Dimension: 1.5 cm

MACROSCOPIC EXTENT OF TUMOR:

Tumor limited to kidney

HISTOLOGIC TYPE:

Papillary renal cell carcinoma

SARCOMATOID FEATURES:

Not identified

TUMOR NECROSIS:

< 5%

HISTOLOGIC GRADE (Fuhrman Nuclear Grade):

G3: Nuclei very irregular, approximately 20 microns; nucleoli large and prominent

MICROSCOPIC TUMOR EXTENSION:

Tumor limited to kidney

MARGINS:

Margins uninvolved by carcinoma

ADRENAL GLAND:

Not present

PERINEURAL INVASION:

Absent

ANGIOLYMPHATIC INVASION:

Carcinoma, papillary renal cell  
8260/3

Site: ♂ Kidney NOS  
C64.9

Jan 4/28/14

Absent  
LYMPH-VASCULAR INVASION:  
Absent  
PRIMARY TUMOR (pT):  
pT1a: Tumor 4 cm or less in greatest dimension, limited to the kidney  
REGIONAL LYMPH NODES (pN):  
pNX: Regional lymph nodes cannot be assessed  
DISTANT METASTASIS (pM):  
pMX

### Specimen(s) Received

- A FAT ADJACENT TO TUMOR  
B DEEP MARGIN LEFT KIDNEY FS  
C LEFT PARTIAL NEPHRECTOMY FS

### Preoperative Diagnosis

Left renal mass

### Intraoperative Consultation

- FSB. MARGIN LEFT KIDNEY:  
No evidence of malignancy.
- FSC1. LEFT PARTIAL NEPHRECTOMY:  
Carcinoma, margin negative.

Comment: This frozen section diagnosis/result was communicated to and acknowledged by Dr.

I, [redacted], have performed the intraoperative consultation and issued the above diagnosis.

### Gross Description

- A. Specimen A is labeled "fat adjacent to tumor". The specimen is received fresh and consists of a 3 x 2 x 1 cm, soft, yellow-tan irregular fragment of adipose tissue which is sectioned and entirely submitted as A1 and A2.
- B. Specimen B is received fresh for frozen section analysis labeled "deep margin left kidney". The specimen consists of a 1 x 0.2 x 0.1 cm, soft, brown-tan irregular fragment of renal parenchyma which is entirely submitted for frozen section as FSB1.
- C. Specimen C is received fresh for frozen section analysis labeled "left partial nephrectomy". The specimen is received fresh and consists of a 2.5 x 2.5 x 1 cm, rubbery, brown-tan irregular fragment of renal parenchyma. The surgical margin of resection is marked with black ink. Serial sections reveal a soft, bright-yellow mass (1.5 x 1 x 1 cm). The remainder of the cut surface consists of a red-brown grossly unremarkable renal parenchyma. A representative section of the tumor is submitted to Tissue Procurement Laboratory. A representative frozen section is taken and submitted as FSC1. The remaining tissue is entirely submitted as:
- C2: Mirror image of tumor submitted to Tissue Bank  
C3-C7: Remainder of the specimen.

Criteria	1/3/14	Yes	No
Diagnosis Discrepancy		<input checked="" type="checkbox"/>	
Primary Tumor Site Discrepancy		<input checked="" type="checkbox"/>	
HIPAA Discrepancy		<input checked="" type="checkbox"/>	
Prior Malignancy History		<input checked="" type="checkbox"/>	
Dual/Synchronous Primary Noted		<input checked="" type="checkbox"/>	
Case is (circle):	QUALIFIED / DISQUALIFIED		
Reviewer Initials	[initials]	Date Reviewed	1/2/13