



Pathology Report

**Final Diagnosis**

- A. LEFT KIDNEY, PARTIAL NEPHRECTOMY:  
Renal cell carcinoma, papillary type II. See Key Pathologic Findings.  
Pathologic stage: pT1a NX MX.
- B. DEEP MARGIN:  
Renal parenchyma, no evidence of malignancy.

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

ICD-O-3

Carcinoma, papillary renal cell  
8260/3  
Site R Kidney NOS  
C64.9

JFJ 4/28/14

**Key Pathological Findings**

A: Kidney Resection

PROCEDURE:

Partial nephrectomy

SPECIMEN LATERALITY:

Left

TUMOR SIZE (largest tumor if multiple):

Dimension: 2.2 cm

MACROSCOPIC EXTENT OF TUMOR:

Tumor limited to kidney

HISTOLOGIC TYPE:

Papillary renal cell carcinoma

SARCOMATOID FEATURES:

Not identified

TUMOR NECROSIS:

< 2%

HISTOLOGIC GRADE (Fuhrman Nuclear Grade):

II-III, predominantly III

MICROSCOPIC TUMOR EXTENSION:

Tumor limited to kidney

MARGINS:

Final surgical margin, free of malignancy

PERINEURAL INVASION:

Absent

ANGIOLYMPHATIC INVASION:

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 LEFT PARTIAL NEPHRECTOMY FS  
B DEEP MARGIN FS

### Preoperative Diagnosis

Left renal tumor

### Intraoperative Consultation

FSA1. LEFT PARTIAL NEPHRECTOMY:  
Renal cell carcinoma, margin free of tumor.

FSB1. DEEP MARGIN:  
Negative for malignancy.

This frozen section diagnosis was communicated to

I, \_\_\_\_\_, M.D., have performed the intraoperative consultation (s) and issued the above diagnosis.

### Gross Description

A. The specimen is received fresh labeled "left partial nephrectomy" and consists of a 3.0 g, 2.5 x 2.0 x 2.0 cm partial nephrectomy specimen. The specimen has been oriented by the surgeon with ink. The margin of resection is re-inked in black. The capsule is irregular, tan to tan-red. When sectioning the specimen a tan-yellowish, partially hemorrhagic and necrotic mass is noted measuring 2.2 x 1.5 x 1.0 cm located at 0.1 cm from closest inked parenchymal margin of resection. The margin of resection is submitted for frozen section evaluation as FSA1 and the remaining tissue is entirely submitted in cassettes A2 and A3.

Representative tissue was submitted to Tissue Procurement.

B. The specimen is received fresh labeled "deep margin". The specimen consists of a fragment of dark red-brown soft tissue measuring 1.6 x 1.4 x 0.2 cm. The margin of resection had been marked by the surgeon with ink and re-inked in blue. The specimen is entirely submitted for frozen section evaluation as FSB1.

Criteria	1/3/14	Yes	No
Diagnosis Discrepancy			
Primary Tumor Site Discrepancy			
HIPAA Discrepancy			
Prior Malignancy History			
Dual/Synchronous Primary Noted			
Case is Circle:	QUALIFIED	/ DISQUALIFIED	
Reviewer Initials	1/22/13	Date Reviewed:	1/22/13