



## Final Diagnosis

Right kidney, partial nephrectomy (with frozen section):

Papillary renal cell carcinoma.

Fuhrman grade 3.

Tumor size: 4.5 cm in greatest dimension.

No angiolymphatic invasion.

No capsular invasion.

Margin is free of tumor.

AJCC pathologic staging data: pT1b, NX.

Right kidney margin:


Negative for malignancy.



## Clinical Information

Right lower lobe renal mass.

## Frozen Section Diagnosis

FSA, Right partial nephrectomy – 6 x 5 x 4.5 cm segment of kidney, capsule intact. Margin inked black and capsule orange. Sections show 4.5 x 4.5 x 4.0 cm yellow-red mass focally to within 0.2 cm of inked margin, sampled as FSA. Portion obtained for EXPO study and remainder for permanents. Margins free 

## Gross Description

"NFSA." Received after frozen section is a 53 gram, 6.0 x 5.0 x 4.5 cm segment of kidney. The resection margin has been previously inked black and the capsule has been previously inked orange. The specimen has been previously sectioned to reveal a 4.5 x 4.5 x 4.0 cm yellow-red friable mass. The mass grossly appears to come to within 0.2 cm of the inked margin at frozen section. A portion of the specimen has been submitted for frozen section in cassette "FSA,". "A1-A2," mass to include resection margin; "A3," mass to include capsule.

"B, Right kidney margin." Received are 3 kidney tissue fragments which are less than 1 gram and range from 0.9 to 1.5 cm in greatest dimension. All of the tissue fragments will be inked black and submitted in toto. "B," all 