

Kidney (Adult), Partial Nephrectomy for Tumor

(5.1 Kidney_Partial_Tumor); Created October 23rd, 2019 by Craig Zuppan, MD; Last edited January 26th, 2020 by Jeremy Deisch, MD

SAMPLE DICTATION

(Labeled: ____, ____; ____) Received ____ is a ____ gram, ____ x ____ x ____ cm partial nephrectomy specimen [with/without] perirenal fat.

Major pathologic finding(s): The cut surface shows a ____ x ____ x ____ cm [white/yellow/mahogany/cystic/solid] mass, that extends to within ____ cm of the inked resection margin. The tumor [does/does not] extend [into the perirenal fat/through the renal capsule].

Other findings: Thickness of cortex, other features of the normal kidney present

Specimen Handling: (RS, ____ caps) Ink Key: Perirenal margin = [black], Parenchymal margin = [blue]

SUGGESTED SAMPLING

3-4: Tumor in relation to surgical margin (more, if indicated)

3-4: Tumor in relation to capsule

0-2: Normal kidney, any other unusual features

STAGING CRITERIA (AJCC 8TH EDITION)

- Principal pT staging criteria for renal cell carcinoma are based on the tumor size, and whether the tumor invades the capsule/perirenal fat, renal sinus fat, or the renal vein. The latter two sites will not be evaluable on most partial nephrectomy specimens.

ADDITIONAL CONSIDERATIONS

- Document multifocality if present.
- Renal sinus and hilar vessels or lymph nodes will typically not be included. If they are, document them in the gross description, and include samples in the submitted tissue blocks.