

SURGICAL PATHOLOGY REPORT

PATIENT:	Davis, Michael P.	DATE OF BIRTH:	11/05/1962
MEDICAL RECORD NUMBER:	MRN9988776	GENDER:	Male
SPECIMEN COLLECTION DATE/TIME:	04/19/2024 09:00h	CASE NUMBER:	SP-24-1101
SPECIMEN RECEIPT DATE/TIME:	04/19/2024 10:15h		
ORDERING PHYSICIAN:	Dr. Evelyn Reed (Urology)		

SPECIMEN LABEL(s):
1: Kidney, Left Upper Pole; Partial Nephrectomy

PATIENT HISTORY / CLINICAL DIAGNOSIS:
Incidental 3 cm left upper pole renal mass.

DIAGNOSIS:

1. Kidney, Left Upper Pole; Partial Nephrectomy:

- Tumor Type: Renal cell carcinoma - Conventional (clear cell) type.
- Fuhrman Nuclear Grade: Grade II/IV.
- Tumor Size: Greatest diameter is 2.4 cm.
- Local Invasion: Not Identified. Tumor appears confined to kidney.
- Renal Vein Invasion: Not identified.
- Surgical Margins: Free of tumor.

- **Non-Neoplastic Kidney:** Shows focal chronic inflammation and focal superficial glomerulosclerosis.
 - **Adrenal Gland:** Not identified.
 - **Lymph Nodes:** Not identified.
 - **Pathologic Stage (AJCC 8th Ed.):** pT1a NX MX (Nodes not submitted, M status cannot be assessed).
-

NOTE:

The tumor shows classic clear cell morphology. Margins are negative.

GROSS DESCRIPTION:

1. Received fresh labeled "Left Upper Pole; Partial Nephrectomy". The specimen consists of a portion of kidney weighing 65 g and measuring 6.6 X 3.7 x 2.9 cm with attached perinephric fat (up to 2.7 cm thick). The parenchymal resection margin is inked blue, the capsular margin is inked black. Serial sectioning reveals a well-circumscribed, cortically-based, yellow, focally hemorrhagic tumor measuring 2.4 x 2.0 x 1.9 cm. The tumor appears grossly confined to the renal parenchyma and is 1.1 cm from the nearest (parenchymal) resection margin. The surrounding renal parenchyma is tan-brown and unremarkable. Representative sections submitted including frozen section control (FSC), tumor (T), margin (M), and representative sections (RS). A photograph is taken. Portions submitted for TPS (Tissue Procurement Service).

MICROSCOPIC DESCRIPTION:

Sections show a renal cortical neoplasm composed of cells with abundant clear cytoplasm arranged in nests and alveolar patterns with a delicate capillary network. Nuclei are round with finely granular chromatin and inconspicuous nucleoli consistent with Fuhrman Grade II. The tumor is confined within a fibrous pseudocapsule. No invasion into perinephric fat or renal vein is identified. The inked surgical margins are free of tumor. Background kidney shows mild chronic inflammation and focal glomerulosclerosis.

INTRAOPERATIVE CONSULTATION:

1. Frozen Section Diagnosis: Left upper pole renal tumor - Renal cortical neoplasm with benign margin. (Permanent diagnosis: Same).

Attestation: I attest that the above diagnosis is based upon my personal examination of the slides (and/or other material), and that I have reviewed and approved this report.

Electronically Signed: Dr. Benjamin Carter, MD - Staff Pathologist | **Date/Time:** 21/04/2024 10:30h