

Pt. Name:	ريحانة مصلح محمد حسين		Lab Number:	2368-2026	
Pt. Age:	62 years.	Gender:	Female	Received date:	2026-04-15
Referred By:	د/ منصور التويتي		Reported date:	2026-04-22	

PATHOLOGY REPORT

Clinical Information.	Incidentally discovered Rt mid to lower pole renal mass.
Nature of specimen.	Rt. radical nephrectomy.

GROSS:

Rt. radical nephrectomy: The right kidney measured 10.5 x 8.5 x 7.5 cm, with attached ureteric stump measured 5.5 cm in length. External capsular surface showed a ruptured area measuring 3.5 cm in maximum dimension. Serial sectioning of the kidney revealed a solid, firm mass with a creamy coloration, measured 6.3 x 6 x 5.5 cm. ?Additionally, a separate single soft tissue mass was identified, measuring 5 x 4 x 3 cm.

MICROSCOPIC:

Tumor Summary:

Tumor site: Right kidney, mid and lower zones

- Tumor size: 6.3 x 5.5 x 6 cm, greatest dimension 6.3 cm

Histologic type: Clear cell renal cell carcinoma.

- Histologic grade WHO/ISUP: Grade 2

Tumor extension:

- Invades renal capsule
- Invades perinephric fat
- Invades renal pelvis/ pelvicalyceal system

Margins:

- Ureteral margin uninvolved by invasive carcinoma
- Other margins cannot be assessed

Lymphovascular invasion: Present

Separate tumor soft tissue mass: positive for tumor

Regional lymph nodes: Cannot be determined pNX

- Note: If the separate mass represents a completely replaced lymph node, this would be pN1

Pathologic stage classification AJCC 8th edition

- pT category: pT3a, tumor extends into the renal vein or its muscle containing branches, or invades the pelvicalyceal system, or invades perirenal or renal sinus fat but not beyond Gerota fascia
- pN category: pNX, regional lymph nodes cannot be assessed
- pM category: Not applicable, cannot be determined from the submitted specimen alone, though the separate soft tissue mass may represent a distant metastasis depending on its anatomic origin

DIAGNOSIS:

Right kidney, radical nephrectomy:

- Clear cell renal cell carcinoma, WHO/ISUP nuclear grade 2.
- Tumor invades the renal pelvis and perinephric fat.
- Lymphovascular invasion is present.
- Ureteral margin is negative for tumor.
- Separate soft tissue mass positive for metastatic or infiltrating clear cell renal cell carcinoma.

Pathologist

Prof. Dr. Neveen Tahoun, MD, PhD
22-04-2026

Nerveen Tahoun

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