



Patient Name:

Sex: Female

## Macroscopy

Two vessels containing a material immersed in formaldehyde solution, described as following: 1. product of en-bloc resection of the right kidney and an adrenal mass, weighting 503 g and measuring 18 x 12 x 7 cm, previously sectioned. The tumor mass measures 12 x 7.5 x 7 cm (and weights 503 g). The cut surface is characterized by a partially encapsulated mass, infiltrating the surrounding fatty tissue, very close to the surgical margins. The tumor mass is multilobulated, brownish-yellow colored with necrotic areas. The normal adrenal tissue is not clearly distinguishable. The right kidney is attached to the mass, but no signs of invasion are seen. The surgical margins were stained with green indian ink. 2. Hepatic margin, consisting of two brownish fragments, measuring 2 x 1 x 0.4 cm.

### Conclusion:

Product of right nephrectomy and right adrenal mass resection: Adrenocortical carcinoma with the following features:

- Largest diameter – 12 cm.
- Nuclear grade (Fuhrman) – 4
- Diffuse architectural pattern – present
- Clear cells in < 25% of the neoplasm – present
- Areas on necrosis – present
- Mitotic count – 3 in 50 H.P.F.
- Atypical mitosis – present
- Capsular invasion – present
- Venous invasion – present

ICD-0-3

Carcinoma, adrenal  
cortical 8370/3

Site: (B) Adrenal gland  
cortex 174.0  
9/20/13

Criteria	Yes	No
Unusual Discrepancy		
Primary Tumor Site Discrepancy		
Metastasis Discrepancy		
Pathologic History		
Stage, which differs from clinical		
Stage in (circle):		
Pathologic stage, which differs from clinical		

DATE REVIEWED: 1/9/13

DATE REVISOR: [Signature]