



LABORATORY MEDICINE PROGRAM

ICD-O-3

Carcinoma, adrenal cortical  
8370/3

Site <sup>Ⓢ</sup> Adrenal Gland, cortex  
JND 1/8/13 C74.D

Surgical Pathology Consultation Report

Patient Name:	[REDACTED]	Accession #:	[REDACTED]
MRN:	[REDACTED]	Collected:	
DOB:	[REDACTED]	Received:	
Gender:	M	Location:	
HCN:	[REDACTED]	Facility:	
Ordering MD:		Reported:	
Copy To:			

**Specimen(s) Received**

1. Adrenal: Right Adrenal Gland
2. superior medial margin of tumour

**Diagnosis**

1. Adrenocortical carcinoma with atrophy of normal adrenal cortex: Adrenal (right) adrenalectomy specimen
2. Cortical atrophy, negative for malignancy: Adrenal  
No pathological diagnosis: Paraganglia and soft tissue  
(superior medial margin) resection

Electronically verified by:

**Clinical History**

None given.

**Gross Description**

1. The specimen container labeled with the patient's name and as "adrenal right adrenal gland" contains an encapsulated mass that measures 19.5 x 13.5 x 6.5 cm and weighs 870 grams. The specimen has an intact capsule and has a red to gray colour. On section, the cut surface is solid, tan-brown and focally necrotic. Representative tumor tissue is stored frozen. Representative sections are submitted as follows:  
1A-K representative sections
2. The specimen container labeled with the patient's name and as "superior medial margin of tumour" contains a single piece of unoriented brown soft tissue that measures 3.2 x 2.0 x 1.4 cm. The margins are painted with silver nitrate.  
2A,B serially sectioned and submitted in toto.

**Microscopic Description**

1. Adrenal  
DOMINANT LESION: Adrenocortical tumour  
SIZE: 19.5 cm maximum dimension  
WEIGHT: 870 grams  
ARCHITECTURE: cellular lesion with predominantly solid nesting architecture

## Surgical Pathology Consultation Report

CYTOLOGY: predominant compact cell morphology with focal clear cell change; nuclear atypia and pleomorphism with prominent nucleoli and frequent atypical mitotic figures

DEGENERATION: geographic and punctate necrosis

ENCAPSULATION: thick capsule

CAPSULAR INVASION: not identified

EXTRAADRENAL EXTENSION: not identified

RESECTION MARGINS: not involved

LYMPHOVASCULAR INVOLVEMENT: vascular invasion with thrombus identified in multiple areas

OTHER ADRENAL PATHOLOGY: atrophy of the normal cortex involving primarily the zona reticularis

LYMPH NODES: none identified

Criteria	Yes	No
Diagnosis Discrepancy		✓
Primary Tumor Site Discrepancy		✓
HIPAA Discrepancy		✓
Prior Malignancy History		✓
Dual/Synchronous Primary / Metastasis		✓
Case is (circle): QUALIFIED / DISQUALIFIED		
Reviewed by: <i>[Signature]</i> Date Reviewed: 12/28/12		