



## LABORATORY MEDICINE PROGRAM

ICD-O-3

Carcinoma, adrenal cortical  
8370/3Site Adrenal Gland, cortex  
JW 1/8/13 C74.0

## Surgical Pathology Consultation Report

Patient Name:

MRN:

DOB:

Service:

Visit #:

Accession #:

Collected:

Received:

Gender:

M

Reported:

HCN:

Ordering MD:

Copy To:

Location:

Facility:

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

**CYTOLGY:** 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	dw 1/4/13	Yes	No
Diagnosis Discrepancy			✓
Primary Tumor Site Discrepancy			✓
HIPAA Discrepancy			✓
Prior Malignancy History			✓
Dual/Synchronous Primary			✓
Carcis (circle):	QUALIFIED / DISQUALIFIED		
Reviewed by:	Date reviewed:	12/28/12	