



## SURGICAL PATHOLOGY REPORT

ICD-O-3  
Adenocarcinoma, NOS  
8140/3  
Site: Prostate NOS  
C61.9  
JF 3/12/14

### Clinical Diagnosis & History:

year old male with Gleason 4+5=9, PSA 55.5, cT2c CAP

### Specimens Submitted:

- 1: Prostate and seminal vesicles, radical prostatectomy
- 2: Lymph nodes, left pelvic, dissection
- 3: Lymph nodes, right pelvic, dissections
- 4: Peri- prostatic fat, excision

### DIAGNOSIS:

#### 1. Prostate and seminal vesicles, radical prostatectomy:

Tumor Type:

Adenocarcinoma

Gleason's Grade:

Primary Gleason grade:4

Secondary Gleason grade:5

Total Gleason score:9

Tumor Location:

Involves Right posterior

Involves Right anterior

Involves Left posterior

Involves Left anterior

Dominant tumor mass located in: left and right posterior, apex to base and extending to left and right anterior, apex and mid

Vascular Invasion:

Identified

Perineural Invasion:

Identified

Tumor Multicentricity:

Not identified

High Grade Prostatic Intraepithelial Neoplasia:

Identified

Capsule:

Established extracapsular extension

The location of the extracapsular extension is left and right posterior, apex, mid and base

Seminal Vesicles:

Invades both seminal vesicles

Bladder Neck:

Not Involved

Surgical Margins:

## **SURGICAL PATHOLOGY REPORT**

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Tumor present at apical margin

Non-Neoplastic Prostate:

Exhibits nodular hyperplasia

Staging (AJCC 1997):

pT4 (invades adjacent structures, i.e. bladder neck)

Comment: Tumor also invades the smooth muscle bundles representing parts of rectal muscularis propria posterior to the prostate gland.

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### **2. Lymph nodes, left pelvic, dissection:**

Lymph Node Dissection:

Metastatic prostatic adenocarcinoma

Number of lymph nodes examined: 11

Number of lymph nodes with metastatic disease: 1

Size of the largest lymph node involved by tumor: 0.4cm.

Size of the largest metastatic focus : 0.1 cm.

Extranodal extension is identified

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### **3. Lymph nodes, right pelvic, dissections:**

Lymph Node Dissection:

Metastatic prostatic adenocarcinoma

Number of lymph nodes examined: 5

Number of lymph nodes with metastatic disease: 1

Size of the largest lymph node involved by tumor: 1.0cm.

Size of the largest metastatic focus : 0.02 cm.

Extranodal extension is not identified

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### **4. Peri-prostatic fat, excision:**

Benign adipose tissue

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.

\*\*\* Report Electronically Signed Out \*\*\*

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### **Gross Description:**

1)The specimen is received fresh, labeled "Prostate and seminal vesicles".

It consists of a prostate and seminal vesicles.

The total weight is 55.5 grams.

The prostate measures 4.7cm from apex to base, 4.5cm transversely, and 4.0cm from anterior to posterior.

The right and left seminal vesicles measure 3.0 x 1.3 and 3.3 x 1.5 cm, respectively.

The external surface of the prostate is smooth.

The prostate is inked (right=green, left=blue) and fixed in formalin overnight.

The prostate is serially cut from apex to base at approximately 3-4 mm intervals.

The prostate is entirely submitted.

Summary of Sections:

RA-right apical margin

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## **SURGICAL PATHOLOGY REPORT**

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LA-left apical margin  
BN-bladder neck margin  
RSV-right seminal vesicle  
LSV-left seminal vesicle  
A-K -serial sections of prostate (apex to base)

2.The specimen is received in formalin, labeled "left pelvic lymph node" and consists of multiple pink tan firm lymph nodes ranging from 0.3 to 3.2 cm in greatest dimension. All identified lymph nodes are submitted.

**Summary of sections:**

LN - lymph nodes

BLN - bisected lymph nodes (slide 2 : 1 lymph node, slide 3-4: 1 lymph node)

3. The specimen is received in formalin, labeled "right pelvic lymph nodes" and consists of multiple pink tan firm lymph nodes ranging from 0.6 to 4.5 cm in greatest dimension. All identified lymph nodes are submitted.

**Summary of sections:**

LN - lymph nodes

BLN - bisected lymph node

SLN - serially-sectioned lymph node

4. The specimen is received in formalin and labeled "periprostatic fat" and consists of fragments unremarkable adipose tissue measuring in aggregate 7 x 4 x 1 cm. representative section submitted

**Summary of sections**

AT-adipose tissue

**Summary of Sections:**

**Part 1: Prostate and seminal vesicles, radical prostatectomy**

<b>Blocks</b>	<b>Block Designation</b>	<b>PCs</b>
1	A	1
1	B	1
1	BN	1
1	C	1
1	D	1
1	E	1
1	F	1
1	G	1
1	H	1
1	I	1
1	J	1
1	K	1
1	LA	1
1	LSV	1
1	RA	1
1	RSV	1

**Part 2: Lymph nodes, left pelvic, dissection**

<b>Blocks</b>	<b>Block Designation</b>	<b>PCs</b>
3	BLN	3

# SURGICAL PATHOLOGY REPORT

1 LN 1

## Part 3: Lymph nodes, right pelvic, dissections

Blocks	Block Designation	PCs
1	bln	1
1	ln	1
4	sln	4

## Part 4: Peri- prostatic fat, excision

Blocks	Block Designation	PCs
1	AT	1

## Special Studies:

Result	Special Stain	Comment
	RECUT	
	RECUT	
	RECUT	
	RECUT	
	RECUT	
	RECUT	
	RECUT	

Criteria	Yes	No
Diagnosis Discrepancy		<input checked="" type="checkbox"/>
Primary Tumor Site Discrepancy		<input checked="" type="checkbox"/>
HIPAA Discrepancy		<input checked="" type="checkbox"/>
Prior Malignancy History		<input checked="" type="checkbox"/>
Dual/Synchronous Primary Noted		<input checked="" type="checkbox"/>
Case is (circle):	QUALIFIED	DISQUALIFIED
Reviewer Initials	MA	Date Reviewed: 11/29/13