

M

(180.0cm 80.6kg BSA: 2.01m<sup>2</sup>

Accession:

Specimen Date/Time:

Carcinoma, squamous cell NOS  
ICD-O-3  
8070/3  
Site Larynx NOS  
C32.9  
JW8/9/13

## DIAGNOSIS

(A) TOTAL LARYNGECTOMY, BILATERAL NECK DISSECTION II-IV, AND RIGHT HEMITHYROID

INVASIVE SQUAMOUS CARCINOMA, -- Moderately differentiated

### Tumor Features:

Gross: Exophytic  
Size: 3.2 cm in largest dimension  
Invasion: Present, depth 1.1 cm  
Tumor Border: Infiltrative with thick cords > 4 cells  
Perineural Invasion: Not identified.  
Vascular Invasion: Absent  
Bone / Cartilage Invasion: Cartilage invasion Present  
Lymphocyte Infiltration: Moderate

UUID:10950DBE-29F6-4A4B-AFC5-2C25AE608901

TCGA-CV-A6K1-01A-PR

Redacted



Right thyroid lobe: Thyroid parenchyma with chronic lymphocytic thyroiditis, negative for tumor  
Stoma site: Acute and chronic inflammation, granulation tissue, negative for tumor.  
Six lymph nodes, no tumor present.

### Right neck dissection

No tumor present in 13 Lymph Nodes.

#### Level I:

Positive Nodes = 0  
Total Nodes = 6

#### Level III:

Positive Nodes = 0  
Total Nodes = 2

#### Level IV:

Positive Nodes = 0  
Total Nodes = 5  
One lymph node, with hyalinized necrotic nodule, favor granuloma

### Left neck dissection

No tumor present in 29 Lymph Nodes.

#### Level II:

Positive Nodes = 0  
Total Nodes = 18

#### Level III:

Positive Nodes = 0  
Total Nodes = 7

#### Level IV:

Positive Nodes = 0  
Total Nodes = 4

(B) POSTERIOR CRICOID MARGIN, NEW MARGIN

X

(186.0cm 90.6kg BSA: 2.01m<sup>2</sup>

Accession:

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- Squamous mucosa, no tumor present.
- (C) RIGHT LATERAL PHARYNX  
Squamous mucosa, no tumor present.
- (D) LEFT LATERAL PHARYNX  
Squamous mucosa, no tumor present.
- (E) BASE OF TONGUE  
Squamous mucosa, no tumor present.
- (F) TRACHEA  
Respiratory mucosa, no tumor present.
- (G) LEFT SUPERIOR MEDIASTINAL TISSUE  
Two lymph nodes, negative for tumor (0/2)

#### GROSS DESCRIPTION

(A) TOTAL LARYNGECTOMY, BILATERAL NECK DISSECTION II-IV, AND RIGHT HEMITHYROID - A total laryngectomy specimen with attached bilateral neck dissection, overall 11.5 x 7.5 x 6.5 cm, including larynx (11.5 x 6.0 x 4.1 cm), attached right thyroid lobe (4.1 x 3.0 x 0.9 cm) right neck soft tissue (10.5 x 5.1 x 1.1 cm), and attached left neck soft tissue (9.5 x 4.1 x 1.1 cm), and attached skin with continuous stoma (3.3 x 3.0 x 2.5 cm).

There is a right transglottic ulcerated/fungating mass lesion (3.2 x 2.3 x 0.5 cm, 3.5 cm from the distal end of resection). On cut surface, the tumor has a depth of invasion (1.1 cm) and invades into and through the thyroid cartilage.

A stoma site is identified (1.8 x 2.0 cm) that is continuous through the anterior tracheal cartilage to the center of the skin resection attached on the superficial anterior surface.

The right thyroid lobe has a homogenous tan-brown cut surface with no distinct lesions.

The right level II-IV neck dissection yields twenty possible lymph nodes.

The left neck dissection, level II-IV yields thirty-three possible lymph nodes.

SECTION CODE: A1-A6, tumor submitted from right to left (A1-A2, continuous cross section superior to inferior, A3-A4, continuous cross section superior to inferior, A5-A6, continuous cross section superior to inferior); A7, left vocal cord representative section; A8, stoma representative section; A9, thyroid, representative section; A10-A19, lymph nodes from right neck dissection, level II-IV (A10-A14, level II: A10, five possible lymph nodes; A11, one lymph node serially sectioned; A12, one lymph node serially sectioned; A13, one lymph node bisected); (level III: A14-A17, A14, one lymph node serially sectioned; A15, one lymph node serially sectioned; A16, one lymph node serially sectioned; A17, one lymph node bisected); (level IV: A18, A19; A18, four possible lymph nodes; A19, five possible lymph nodes); left neck dissection lymph nodes, level II-IV, A20-A27: (level II, A20, four possible lymph nodes; A21, seven possible lymph nodes; A22, six possible lymph nodes; A23, two possible lymph nodes; A24, four possible lymph nodes, level III, A25-A26: A25, three possible lymph nodes; A26, three possible lymph nodes; level IV: A27, four possible lymph nodes.

(B) POSTERIOR CRICOID MARGIN, NEW MARGIN INKED - Received is a tan, pink, strip of soft tissue (1.9 x 0.3 x 0.1 cm). One surface has been inked by the surgeon. This is reinked in black. The specimen is entirely embedded in one block for frozen section analysis.

\*FS/DX: NO TUMOR PRESENT.

(C) RIGHT LATERAL PHARYNX - Received is a tan, pink, strip of tissue (4 x 0.3 x 0.1 cm). Specimen is entirely embedded in one block for frozen section analysis.

\*FS/DX: NO TUMOR PRESENT.

(D) LEFT LATERAL PHARYNX - Received is a tan, pink, strip of tissue (3.6 x 0.1 x 0.1 cm). Specimen is entirely embedded in one block for frozen section analysis.

\*FS/DX: NO TUMOR PRESENT.

(E) BASE OF TONGUE - Received is a tan, pink, strip of soft tissue (4 x 0.1 x 0.1 cm). One surface has been inked, this is reinked in blue. The specimen is entirely embedded in one block for frozen section analysis.

\*FS/DX: NO TUMOR PRESENT.

(F) TRACHEA - Received is a tan, pink, irregularly shaped tissue (1.1 x 0.1 x 0.1 cm). The specimen is entirely embedded in one

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block for frozen section analysis.

\*FS/DX: NO TUMOR PRESENT.

(G) LEFT SUPERIOR MEDIASTINAL TISSUE - A portion of tan-pink soft tissue (3.0 x 2.0 x 0.8 cm) that is serially sectioned to reveal a tan-gray cut surface. The specimen is submitted entirely in G1-G3.

## CLINICAL HISTORY

## SNOMED CODES

M-80703, M-43000, "Some tests reported here may have been developed and performance characteristics determined by tests have not been specifically cleared or approved by the U.S. Food and Drug Administration." Entire report and diagnosis completed by:

These

-----END OF REPORT-----

Criteria	W 6/19/13	Yes	No
Diagnosis Discrepancy			
Primary Tumor Site Discrepancy		✓	
HIPAA Discrepancy			
Prior Malignancy History		✓	
Dual/Synchronous Primary Noted			
Case is (circle):	QUALIFIED	/	DISQUALIFIED
Reviewer Initials	MM		
	Date Reviewed: 6/12/13		