



Department of Pathology

Patient Name: [REDACTED]

MRN: [REDACTED]

DOB: [REDACTED]

Gender: [REDACTED]

HCN:

Ordering MD: [REDACTED]

Service: Otolaryngology

Visit #: [REDACTED]

Location: [REDACTED]

Facility: [REDACTED]

Copath # [REDACTED]

Collected: [REDACTED]

Resulted: [REDACTED]

Surgical Pathology Consultation Report

\* Addended \*

ICD - O - 3

SPECIMEN(S) RECEIVED

1. Salivary-Gland: RIGHT PAROTID
2. Neck: Rt. neck level I
3. Neck: Rt. neck level II
4. Neck: Rt. neck level III
5. Neck: Rt. neck level IV
6. Neck: Left neck level I and II
7. Oral Cavity: Ventral tongue margin
8. Oral Cavity: Rt. posterior margin
9. Oral Cavity: Lt. posterior margin
10. Oral Cavity: Anterior floor of mouth, ventral tongue and marginal mandibulectomy
11. Oral Cavity: Lt. level II tissue

Carcinoma, Squamous cell, nos 8070/3  
Site: Mouth, floor, anterior c04.0

pw 9/26/12

DIAGNOSIS

1. Right parotid gland.

Multifocal Warthin's tumor.

a. Largest tumor measures 2.0 cm.

b. Warthin's tumor present in three intraparotid/periparotid lymph nodes.

c. Negative for squamous cell carcinoma.

2, 3, 4, 5 and 6. lymph nodes; right neck levels I-VB and left neck levels I and II.

One of forty-six lymph nodes positive for metastatic squamous cell carcinoma (1/46).

a. The involved lymph node measures 1.3 cm.

b. Positive for focal extracapsular invasion.

c. The involved lymph node is in right level I.

Submandibular glands with no pathologic changes.

7. Ventral tongue margin.

Squamous mucosa negative for malignancy.

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8. Right posterior margin.  
Squamous mucosa negative for malignancy.

9. Left posterior margin.  
Negative for malignancy

10. Oral cavity; anterior floor of mouth, ventral tongue and marginal mandibulectomy

Squamous cell carcinoma, moderately differentiated.

- a. Maximum tumor dimension 3.6 cm.
- b. Tumour thickness 2.0 cm.
- c. Negative for perineural invasion.
- d. Negative for lymphovascular invasion.
- e. Margins are negative for tumor. The deep margin is close (0.5 cm) to tumor.
- f. One lymph node negative for carcinoma (0/1).
- g. Decalcified sections of mandible are pending. An addendum report will follow.

11. Left level II tissue  
Adipose tissue with no pathologic changes.  
Negative for tumor.

#### SYNOPTIC DATA

Specimen:	Ventral surface of tongue, not
otherwise specified (NOS)	Anterior floor of mouth
Received:	Fresh
Procedure:	Glossectomy: ventral tongue, floor
of mouth	Neck (lymph node) dissection:
bilateral: right (zones I-VB) and left (zones I and II)	
Specimen Size:	Greatest dimension: 6.0 cm

Specimen Laterality:  
Tumor Site:  
Additional dimension: 12 cm  
Additional dimension: 9.0 cm  
Midline  
Ventral surface of tongue, NOS  
Anterior floor of mouth

Tumor Focality:  
Tumor Size:  
Single focus  
Greatest dimension: 2.0 cm

Status: supplemental

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Histologic Type: Additional dimension: 3.6 cm  
Additional dimension: 2.4 cm  
Squamous cell carcinoma, conventional

Histologic Grade: G2: Moderately differentiated  
Margins: Margins uninvolved by invasive

Distance from closest margin: 0.5 cm

Margin(s): deep  
Margin status for carcinoma in situ

is not applicable

Lymph-Vascular Invasion: Not identified

Perineural Invasion: Not identified

Lymph Nodes, Extranodal Extension: Present

TNM Descriptors: Not applicable

Primary Tumor (pT): pT2: Tumor more than 2 cm but not more than 4 cm in greatest dimension

Regional Lymph Nodes (pN): pN1: Metastasis in a single ipsilateral lymph node, 3 cm or less in greatest dimension

examined: 47 Number of regional lymph nodes

involved: 1 Number of regional lymph nodes

Distant Metastasis (pM): Not applicable

\*Pathologic Staging is based on AJCC/UICC TNM, 7th Edition

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ELECTRONICALLY VERIFIED BY:

GROSS DESCRIPTION

1. The specimen is labeled with the patient's name and as "right parotid". It consists of an unoriented parotid gland and adjacent soft tissues measuring 6.5 x 5.5 x 1.8 cm. The parotid shows a tumor measuring 2.0 x 1.3 x 1.1 cm. The tumor is well circumscribed and firm. It is located at 0.3 cm from the deep margin and 0.6 cm from the

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superficial margin. The remaining parotid is grossly unremarkable. Multiple intraparotid lymph nodes measuring from 0.5 to 2.3 cm are identified. One piece of tumor and one piece of normal tissue are stored frozen. Representative sections are submitted.

- 1A tumor with deep and superficial margins
- 1B tumor with normal parotid
- 1C normal parotid
- 1D one lymph node
- 1E-1F one lymph node bisected in each
- 1G-1H one lymph node bisected

2. The specimen is labeled with the patient's name and as "right neck level I". It consists of fibroadipose tissue measuring 5.3 x 4.0 x 3.4 cm. The submandibular gland measures 4.5 x 3.6 x 1.9 cm and is grossly unremarkable. Multiple lymph nodes ranging from 0.4 to 1.9 cm are identified. Representative sections are submitted.

- 2A submandibular gland
- 2B fibroadipose tissue
- 2C two lymph nodes
- 2D-2E one node bisected each block

3. The specimen is labeled with the patient's name and as "right neck

level II". It consists of a portion of fibroadipose and muscle tissue measuring 8.4 x 3.2 x 1.7 cm. Multiple lymph nodes ranging from 0.3 to 1.4 cm in greatest dimension are identified. Representative sections are submitted.

3A three lymph nodes

3B one lymph node

4. The specimen is labeled with the patient's name and as "right neck level III/V B". It consists of a portion of fibroadipose tissue measuring 6.0 x 4.1 x 1.5 cm. Multiple lymph nodes ranging from 0.7 to 3.8 cm in greatest dimension are identified. Representative sections are submitted.

4A two lymph nodes

4B one lymph node bisected

4C-4E one lymph node trisected

5. The specimen is labeled with the patient's name and as "right neck level IV/V B. ". It consists of a portion of fibroadipose tissue measuring 8.7 x 4.7 x 1.6 cm. Multiple lymph nodes ranging from 0.3 to

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Collected:

Resulted:

2.1 cm in greatest dimension are identified. Representative sections are submitted.

5A six lymph nodes

5B five lymph nodes

5C six lymph nodes

5D five lymph nodes

5E four lymph nodes

5F one lymph node

6. The specimen is labeled with the patient's name and as "left neck level I and II". It consists of a portion of fibroadipose tissue measuring 6.9 x 5.0 x 3.4 cm. The submandibular gland measures 4.2 x 3.1 x 2.6 cm. Multiple lymph nodes ranging from 0.7 to 3.1 cm in greatest dimension are identified. Representative sections are submitted.

6A-6B submandibular gland

6C three lymph nodes

6D-6F      one lymph node bisected per block  
6G- 6H      one lymph node bisected

7. The specimen is labeled with the patient's name and as "ventral tongue margin". It consists of a fragment of tissue measuring 2.1 x 0.3 x 0.2 cm. The specimen is submitted in toto for frozen section.

7A      frozen section control

8. The specimen is labeled with the patient's name and as "right posterior margin". It consists of two fragments of tissue measuring from 0.5 x 0.3 x 0.2 to 1.0 x 0.3 x 0.2 cm. The specimen is submitted in toto for frozen section.

8A      frozen section control

9. The specimen is labeled with the patient's name and as "left posterior margin". It consists of a fragment of tissue measuring 1.2 x 0.3 x 0.2 cm. The specimen is submitted in toto for frozen section.

9A      frozen section control

10. The specimen is labeled the patient's name and as "anterior floor of mouth, ventral common and marginal mandibulectomy". It consists of an unoriented portion of ventral tongue measuring 2.5 cm SI x 6.0 cm ML x 6.0 cm AP. The portion of mandible measures 1.3 cm SI x 5.4 cm ML x 1.0 cm AP. The right posterior inferior aspect of the mandible is fragmented. The right ventral tongue measures 0.5 cm SI x 5.1 cm ML x

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2.1 cm AP. The floor of mouth measures 2.5 cm SI x 6.2 cm ML x 2.6 cm AP. There is an ulcerated tumor involving the right floor of mouth. The tumor measures 2.0 cm SI x 3.6 cm ML x 2.4 cm AP. The tumor is ill-defined and firm. It is located at 0.8 cm from the lateral mucosal margin, 1.5 cm from the medial soft tissue margin, 0.8 cm from the medial mucosal margin, 0.5 cm from the deep margin, 1.1 cm from the anterior mucosal margin, 1.8 cm from the posterior soft tissue margin, 1.4 cm from the superior soft tissue margin, 1.8 cm from the left medial mandibular bony margin, 1.1 cm from the anterior inferior mandibular bony margin, and 1.3 cm from the fragmented posterior inferior mandibular bony

margin. Possible involvement of the bone is grossly identified. One lymph node is identified measuring 0.5 x 0.4 x 0.3 cm. The deep margin is painted with green dye. Two perpendicular sections are taken from deep margin for frozen section. One piece of tumor and one piece of tissue are stored frozen. Representative sections are submitted.

- 10A- 10B frozen section controls  
10C anterior mucosal margin, shaved and bisected  
10D lateral mucosal margin, shaved and bisected  
10E tumor with superior, deep, and anterior mucosal margins  
10F tumor with superior, deep and right lateral mucosal margins  
10G tumor with inferior soft tissue margin  
10H posterior soft tissue margin  
10I one lymph node  
10J left medial mandibular margin, en face after decalcification  
10K right posterior inferior fragmented mandibular margin, after decalcification  
10L-10M inferior mandibular margin, en face after decalcification  
10N tumor with anterior mucosal and inferior mandibular margins, after decalcification  
100-10P tumor with mandible, after decalcification

11. The specimen is labeled with the patient's name and as "left level II tissue". It consists of oriented piece of adipose tissue measuring 1.5 x 0.8 x 0.4 cm. No lymph nodes are identified.

11A specimen in toto

QUICK SECTION

- 7A. negative for carcinoma  
8A. negative for carcinoma  
9A. negative for carcinoma

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10A, 10B. negative for carcinoma  
Time reported to surgeon:

Addendum Comment

Decalcified sections of the mandible show wide invasion of cortical and medullary bone by squamous cell carcinoma. The right inferior and posterior bone margins are positive for carcinoma.

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Criteria	Yes	No
Diagnosis Discrepancy	✓	
Primary Tumor Site Discrepancy	✓	
IPAA Discrepancy	✓	
Prior Malignancy History	✓	
Dual/Synchronous Primary Noted	✓	
Case is (Circle):	QUALIFIED / DISQUALIFIED	
Reviewer Initials:	XW	8/23/12

NW  
8/23/12