

LABORATORY MEDICINE PROGRAM

Surgical Pathology Consultation Report

Patient Name: [REDACTED]
MRN: [REDACTED]
DOB: [REDACTED]
Gender: [REDACTED]
HCN: [REDACTED]
Ordering MD: [REDACTED]
Copy To: [REDACTED]

Service: [REDACTED]
Visit #: [REDACTED]
Location: [REDACTED]
Facility: [REDACTED]

Accession #: [REDACTED]
Collected: [REDACTED]
Received: [REDACTED]
Reported: [REDACTED]

Specimen(s) Received

1. Lymph-Node: RIGHT PARATRACHEAL LYMPH NODE AT THYMUS
2. Thyroid: Thyroid left paratracheal node - stitch left superior pole
3. Lymph node: Left level 2 lymph node
4. Lymph node: Left level 3 lymph node
5. Lymph node: Right level 2B lymph node
6. Lymph node: Right level 2,3,4 lymph nodes

Path: carcinoma, papillary and follicular 8340/3
Carcinoma, papillary, thyroid 8260/3
Site: Thyroid, NOS c73.9
lw
10/2/12

Diagnosis

1. No pathological diagnosis: Lymph node, 1 (right paratracheal at thymus) excisional biopsy
2. Multifocal bilateral papillary carcinoma, dominant widely invasive mixed classical and follicular variant with focal tall cell change (<5%), 1.9 cm, isthmus; and follicular nodular disease with degeneration and oncocytic change: Thyroid Metastatic papillary thyroid carcinoma: Lymph node, 3 of 3, isthmic
Metastatic papillary thyroid carcinoma: Lymph nodes, 4 of 6, central compartment
No pathological diagnosis: Parathyroid, right perithyroidal
Simple epithelial cysts: Parathyroid, central compartment
Ectopic serous and mucinous glands: Soft tissue, central compartment
- Total thyroidectomy specimen with central neck dissection
3. No pathological diagnosis: Lymph nodes, 5 (left neck level II) excisional biopsy
4. No pathological diagnosis: Lymph nodes, 6 (left neck level III) excisional biopsy
5. No pathological diagnosis: Lymph nodes, 2 (right neck level IIB) excisional biopsy
6. Micrometastatic papillary thyroid carcinoma: Lymph node, 1 of 9 (right neck level II, III and IV) excisional biopsy

Synoptic Data

Procedure: Other: Total thyroidectomy with central and bilateral neck dissection specimen
Received: Fresh
Specimen Integrity: Intact
Specimen Size: Right lobe:
3.8 cm
2.3 cm

UUID: 45A213AB-38E7-4D7F-8E38-5CC140570891
TCGA-EM-A4FN-01A-PR

Redacted

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1.2 cm
Left lobe:
3.4 cm
2.3 cm
1.0 cm
Isthmus +/- pyramidal lobe:

3.2 cm
2.1 cm
1.4 cm
Central compartment:

4.3 cm
3.8 cm
1.1 cm
Right neck dissection:

6.8 cm
1.5 cm
1.5 cm
Left neck dissection:

2.8 cm
1.5 cm
1.4 cm
17.2 g

Specimen Weight:

Tumor Focality:
Multifocal, bilateral
Multifocal, midline (isthmus)

DOMINANT TUMOR

Tumor Laterality:

Isthmus

Tumor Size:

Greatest dimension: 1.9cm

Additional dimension: 1.7 cm

Additional dimension: 1.6 cm

Histologic Type:

Papillary carcinoma, classical (usual)

Papillary carcinoma, follicular variant

Papillary carcinoma, other variant: with focal tall cell change (<5%)

Classical (papillary) architecture

Follicular architecture

Classical cytomorphology

Tall cell cytomorphology

Histologic Grade:

Not applicable

Margins:

Margins uninvolved by carcinoma

Distance of invasive carcinoma to closest margin: 0.2mm

Partially encapsulated

Present, extent widely invasive

Not identified

Lymph-Vascular Invasion:

Not identified

Perineural Invasion:

Not identified

Extrathyroidal Extension:

Not identified

SECOND TUMOR

Tumor Laterality:

Right lobe

Tumor Size:

Greatest dimension: 0.5cm

Histologic Type:

Papillary carcinoma, classical (usual)

Papillary carcinoma, microcarcinoma (occult, small or microscopic) variant

Classical (papillary) architecture

Classical cytomorphology

Not applicable

Histologic Grade:

Margins uninvolved by carcinoma

Margins:

Partially encapsulated

Tumor Capsule:

Present, extent minimal

Tumor Capsular Invasion:

Not identified

Lymph-Vascular Invasion:

Not identified

Perineural Invasion:

Not identified

Extrathyroidal Extension:

Not identified

TNM Descriptors:

m (multiple primary tumors)

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Primary Tumor (pT): pT1b: Tumor more than 1 cm but not more than 2 cm in greatest dimension, limited to the thyroid

Regional Lymph Nodes (pN): pN1b: Metastases to unilateral, bilateral or contralateral cervical or superior mediastinal lymph nodes
Number of regional lymph nodes examined: 32
Number of regional lymph nodes involved: 8
Lymph Node, Extranodal Extension Not identified

Distant Metastasis (pM): Not applicable

Additional Pathologic Findings: Adenomatoid nodule(s) or Nodular follicular disease
Parathyroid gland(s), within normal limits
Parathyroid gland(s), other: simple epithelial cysts
Other: additional multiple papillary microcarcinomas: 0.1 cm, right lobe and 0.05 cm, left lobe

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

Electronically verified by:

Gross Description

1. The specimen labeled with the patient's name and as "right paratracheal lymph node at thymus" consists of a piece of fibroadipose tissue that measures 2.2 x 1.6 x 0.5 cm. It contains two query lymph nodes measuring 0.5 x 0.5 x 0.4 and 0.6 x 0.5 x 0.4 cm, respectively.

1A two lymph nodes

2. The specimen labeled with the patient's name and as "thyroid left paratracheal node stitch left superior pole" consists of an oriented thyroid gland with attached fibroadipose tissue on the inferior aspect that weighs 17.2 g. The right lobe measures 3.8 cm SI x 2.3 cm ML x 1.2 cm AP, the left lobe measures 3.4 cm SI x 2.3 cm ML x 1.0 cm AP and the isthmus measures 3.2 cm SI x 2.1 cm ML x 1.4 cm AP. The fibroadipose tissue measures 4.3 SI x 3.8 ML x 1.1 cm AP. The external surfaces have fibrous adhesions and are painted with silver nitrate. No parathyroid glands are identified grossly. The isthmus contains one well delineated nodule that measures 1.7 cm SI x 1.6 cm ML x 1.9 cm AP. A second well delineated nodule is identified in the inferior left lobe and measures 0.8 SI x 0.7 ML x 0.6 cm AP. Both nodules are tan and firm. Multiple lymph nodes are identified on the inferior soft tissue ranging in size from 0.2 x 0.2 x 0.2 cm to 1.7 x 0.9 x 0.8 cm. The remainder of the thyroid tissue is grossly unremarkable. Tissue is stored frozen. The remainder of the specimen is submitted as follows:

2A-E right lobe, superior to inferior

2F-H isthmus

2I-L left lobe, superior to inferior

2M one cystic lymph node bisected

2N multiple lymph nodes

3. The specimen labeled with the patient's name and as "left level II lymph node" consists of a piece of fibroadipose tissue that measures 2.8 x 1.5 x 1.4 cm. It contains multiple lymph nodes that range from 0.6 x 0.7 x 0.6 to 1.0 x 0.8 x 0.6 cm. Representative sections are submitted.

3A multiple lymph nodes

4. The specimen labeled with the patient's name and as "left level III lymph node" consists of two pieces of fibroadipose tissue that measures 1.3 x 1.5 x 0.8 and 2.4 x 1.5 x 1.3 cm. They contain multiple lymph nodes that range from 0.2 x 0.2 x 0.2 to 1.0 x 0.8 x 0.6 cm. Representative sections are submitted.

4A two lymph nodes

4B multiple lymph nodes

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5. The specimen labeled with the patient's name and as "right level IIB lymph nodes" consists of a piece of fibroadipose tissue that measures 1.3 x 0.8 x 0.5 cm. It contains two lymph nodes that measures 0.3 x 0.4 x 0.4 and 0.4 x 0.4 x 0.4 cm. Representative sections are submitted.

5A two lymph nodes

6. The specimen labeled with the patient's name and as "right level II, III and IV" consists of a piece of unoriented fibroadipose tissue that measures 6.8 x 1.5 x 1.5 cm. It contains multiple lymph nodes that range from 0.2 x 0.3 x 0.2 to 1.2 x 0.9 x 0.9 cm. The lymph nodes are sequentially submitted after the specimen is trisected with the lymph nodes submitted in as follows:

- 6A one lymph node bisected
- 6B multiple lymph nodes
- 6C one lymph node bisected
- 6D one lymph node bisected
- 6E multiple lymph nodes

Criteria	Yes	No
Diagnosis Discrepancy		X
Primary Tumor Site Discrepancy		
HIPAA Discrepancy		
Prior Malignancy History		
Dual/Synchronous Primary Noted		
Case is (circle):	QUALIFIED / DISQUALIFIED	
Reviewed:	MMI	9/21/12
		9/21/12