

LABORATORY MEDICINE PROGRAM

UUID:3D004E6D-7679-4DC6-8F3F-86319814218E
TCGA-EM-A3SU-01A-PR Redacted



Surgical Pathology Consultation Report

Specimen(s) Received

1. Nck: right neck content; single stitch posterior; double stitch superior;
2. Lymph node: Rt paratracheal nodes
3. Parathyroid: Rt upper parathyroid QS
4. Lymph node: Lt paratracheal node
5. Thyroid: Total thyroid stitch- upper pole right
6. Parathyroid: Rt upper parathyroid #2 QS

ICD-O-3
carcinoma, papillary thyroid
8260/3
Site: thyroid, NOS
C73.9 4-312
60

Diagnosis

1. Metastatic papillary thyroid carcinoma: Lymph nodes, 2 of 25 (right neck) dissection specimen
2. Metastatic papillary thyroid carcinoma: Lymph node, 1 of 6 (right paratracheal) dissection specimen
3. No pathological diagnosis: Soft tissue (listed as "right upper parathyroid") biopsy
4. No pathological diagnosis: Lymph nodes, 2 (left paratracheal) dissection specimen
5. Multifocal angioinvasive papillary carcinoma, dominant widely-invasive classical variant with focal Warthin-like areas and tall cell change (<5%), 2.1 cm, right lobe; underlying chronic lymphocytic thyroiditis and mild follicular nodular disease: Thyroid
No pathological diagnosis: Parathyroids, 2, right and left perithyroidal
- Total thyroidectomy specimen
6. No pathological diagnosis: Parathyroid (right upper) biopsy

Synoptic Data

Procedure:

Other: Total thyroidectomy with right neck and bilateral paratracheal dissection

Received:

Fresh

Specimen Integrity:

Intact

Specimen Size:

Right lobe:
6.0 cm
2.3 cm
1.4 cm
Left lobe:
3.7 cm
1.7 cm

Criteria	Yes	No
Diagnosis Discrepancy		X
Primary Tumor Site Discrepancy		X
HIPAA Discrepancy		X
Prior Malignancy History		X
Causal/Synchronous Primary Noted		
Case is (circle):	QUALIFIED	DISQUALIFIED
Reviewed by (initials):	W3/30/17	3/30/17
Date Reviewed:		

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0.8 cm
Isthmus +/- pyramidal lobe:
4.0 cm
0.9 cm
0.5 cm
Right neck dissection:
12.2 cm
4.5 cm
1.5 cm
Additional specimen: right paratracheal dissection
3.5 cm
1.7 cm
1.0 cm
Specimen Weight: 23.6 g
Tumor Focality: Multifocal, bilateral
Multifocal, midline (isthmus)

----- DOMINANT TUMOR -----
Tumor Laterality: Right lobe
Tumor Size: Greatest dimension: 2.1cm
Additional dimension: 2.0 cm
Additional dimension: 1.5 cm
Histologic Type: Papillary carcinoma, classical (usual)
Papillary carcinoma, other variant: with focal Warthin-like areas (10%) and tall cell change (<5%)
Classical (papillary) architecture
Classical cytomorphology
Histologic Grade: Not applicable
Margins: Margins uninvolved by carcinoma
Distance of invasive carcinoma to closest margin: 0.1mm
Tumor Capsule: Totally encapsulated
Tumor Capsular Invasion: Present, extent widely invasive
Lymph-Vascular Invasion: Indeterminate
Perineural Invasion: Not identified
Extrathyroidal Extension: Not identified

----- SECOND TUMOR -----
Tumor Laterality: Right lobe
Tumor Size: Greatest dimension: 1.4cm
Additional dimensions: 1.3 cm
Histologic Type: Papillary carcinoma, follicular variant
Papillary carcinoma, other: with focal tall-cell change (<5%)
Follicular architecture
Classical cytomorphology
Histologic Grade: Not applicable
Margins: Margins uninvolved by carcinoma
Distance of invasive carcinoma to closest margin: 0.1mm
Tumor Capsule: Partially encapsulated
Tumor Capsular Invasion: Present, extent widely invasive
Lymph-Vascular Invasion: Present, focal extent (less than 4 vessels)
Perineural Invasion: Not identified
Extrathyroidal Extension: Not identified
TNM Descriptors: m (multiple primary tumors)
Primary Tumor (pT): pT2: Tumor more than 2 cm, but not more than 4 cm, limited to thyroid
Regional Lymph Nodes (pN): pN1b: Metastases to unilateral, bilateral or contralateral cervical or superior mediastinal lymph nodes
Number of regional lymph nodes examined: 33
Number of regional lymph nodes involved: 3
Lymph Node, Extranodal Extension Not identified
Distant Metastasis (pM): Not applicable
Additional Pathologic Findings: Adenomatoid nodule(s) or Nodular follicular disease

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Thyroiditis

Parathyroid gland(s), within normal limits

Other: additional papillary microcarcinomas: 0.1 cm (isthmus) and 0.3 cm (left lobe)

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

Electronically verified by:

Clinical History

Papillary thyroid carcinoma

Gross Description

1. The specimen labeled with the patient's name and as "RT neck content: Single stitch posterior colon double stitch superior", consists of a functional right neck dissection oriented with sutures as indicated. The specimen measures 12.2 cm SI x 4.5 cm AP x 1.5 cm in depth. Within the tissue are multiple lymph nodes that range from 0.2 to 1.6 cm. Lymph nodes submitted in toto as they occur from superior to inferior.
1A-C multiple lymph nodes, per block
1D-E 1 lymph node, multiple pieces
1F multiple lymph nodes
1G-H 1 lymph node, 3 pieces
1I multiple lymph nodes
2. The specimen labeled with the patient's name and as "RT paratracheal nodes" consists of a piece of fibroadipose tissue that measures 3.5 by 1.7 x 1.0 cm. Within the tissue are multiple lymph nodes that range from 0.5 to 1.7 cm.
2A multiple lymph nodes
2B slice from largest lymph node
3. The specimen labeled with the patient's name and as "RT upper parathyroid QS", consists of a piece of tissue that measures 0.2 x 0.1 x 0.1cm. It is frozen for intraoperative consultation and submitted in toto.
3A frozen tissue resubmitted
4. The specimen labeled with the patient's name and as "LT paratracheal node", consists of a fibroadipose tissue that measures 1.7 x 1.0 x 0.3 cm. Within the tissue are 2 lymph nodes that measure 0.4 and 1.0 cm.
4A submitted in toto
5. The specimen labeled with the patient's name and as "Total thyroid stitch-upper pole right lobe" consists of a thyroid gland that is received oriented with a suture and weighs 23.6 g. The right lobe measures 6.0 cm SI x 2.3 cm ML x 1.4 cm AP, the left lobe measures 3.7 cm SI x 1.7 cm ML x 0.8 cm AP and the isthmus measures 4.0 cm SI x 0.9 cm ML x 0.5 cm AP. The external surfaces have fibrous adhesions and are painted with silver nitrate. No parathyroid glands or lymph nodes are identified grossly. The right lobe contains 2 delineated, encapsulated nodules that measure 1.4 cm SI x 1.3 cm ML x 1.1 cm AP and 2.1 cm SI x 2.0 cm ML x 1.5 cm AP. The remainder of the thyroid tissue is red-brown with possible colloidal nodules. Sections of each of the nodules and normal tissue are stored frozen. Representative sections of the remainder of the specimen are submitted:
5A-G right lobe, superior to inferior with small nodule in B and C and large nodule and E-G
5H isthmus
5I-N left lobe in toto, superior to inferior
6. The specimen labeled with the patient's name and as "RT upper parathyroid #2 QS", consists of a piece of tissue that measures 0.3 x 0.2 x 0.2 cm. It is frozen for intraoperative consultation.
6A frozen tissue resubmitted

Quick Section Diagnosis

3. Right upper parathyroid: Fibroadipose tissue. No evidence of thyroid or parathyroid tissue identified.

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Called at

6. Right upper parathyroid #2: Parathyroid tissue present.

Called at