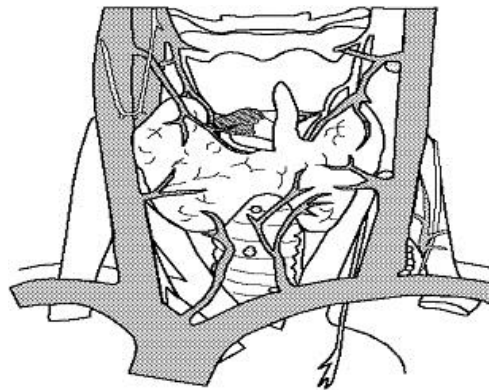


CALIFORNIA  
TUMOR TISSUE REGISTRY

## **“ENDOCRINE & ENT PATHOLOGY”**

**Study Cases, Subscription A**

**May 2015**



**California Tumor Tissue Registry**  
**c/o: Department of Pathology and Human Anatomy**  
**Loma Linda University School of Medicine**  
**11021 Campus Avenue, AH 335**  
**Loma Linda, California 92350**  
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**FAX: (909) 558-0188**  
**E-mail: [cttr@linkline.com](mailto:cttr@linkline.com)**  
**Web page: [www.cttr.org](http://www.cttr.org)**  
**Web site & Case of the Month: [www.cttr.org](http://www.cttr.org)**

**Target audience:**

Practicing pathologists and pathology residents.

**Goal:**

To acquaint the participant with the histologic features of a variety of benign and malignant neoplasms and tumor-like conditions.

**Objectives:**

The participant will be able to recognize morphologic features of a variety of benign and malignant neoplasms and tumor-like conditions and relate those processes to pertinent references in the medical literature.

**Educational methods and media:**

Review of representative glass slides with associated histories.  
Feedback on consensus diagnoses from participating pathologists.  
Listing of selected references from the medical literature.

**Principal faculty:**

Donald R. Chase, MD

**CME/SAM Credit:**

Loma Linda University School of Medicine designates this continuing medical education activity for a maximum of 2 hours of Category I of the Physician's Recognition Award of the American Medical Association. It also qualifies for up to 2 hours of SAM credit by the American Board of Pathology.  
CME/SAM credit is offered for the subscription year only.

**Accreditation:**

Loma Linda University School of Medicine is accredited by the Accreditation Council for Continuing Medical Education (ACCME) to sponsor continuing medical education for physicians.

**Case No. 1 - May 2015 A**

**Accession #31764**

**Tissue from: Left adrenal**

**Clinical Abstract:**

A 20 month-old baby boy had a left adrenal mass.

**Gross Pathology:**

The 111 gram adrenal was 6.5 x 6 x 4.5 cm. The cut surface was lobulated pink with areas of calcification.

Special Studies:

Positive: S100, synaptophysin

Negative in cells of interest: CD20, CD3

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**Case No. 2 - May 2015 A**

**Accession #31863**

**Tissue from: Left parapharyngeal tissue**

**Clinical Abstract:**

A 53 year-old man had a left parapharyngeal mass.

**Gross Pathology:**

The resected mass weighed 48 grams and was 6 x 4 x 3 cm.

**Case No. 3 - May 2015 A**

**Accession #31869**

**Tissue from: Thyroid**

**Clinical Abstract:**

This 70 year-old woman had a gradually enlarging goiter extending into the substernal region.

**Gross Pathology:**

The resected thyroid was 137 grams. The right lobe was 9 cm in greatest diameter and the left lobe was 5.5 cm in greatest diameter. The cut surface was nodular with areas of white stroma and occasional fluid-filled cysts.

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**Case No. 4 - May 2015 A**

**Accession #31969**

**Tissue from: Anterior neck**

**Clinical Abstract:**

A 7 week old male baby presented with a mass on his anterior neck. The lesion was originally identified in utero but no additional intervention was done. At the time of delivery the baby had extreme stridor requiring a tracheostomy. The excised mass was 12.0 cm.

**Case No. 5 - May 2015 A**

**Accession #31968**

**Tissue from: Thyroid**

**Clinical Abstract:**

This 25 year-old bipolar woman on lithium had history of a stable left thyroid mass. She denied hoarseness or difficulty swallowing. There was no history of radiation exposure. Thyroid function studies were normal.

**Gross Pathology:**

The resected thyroid weighed 28 grams and was multinodular without a dominant mass.

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**Case No. 6 - May 2015 A**

**Accession #31760**

**Tissue from: Thyroid**

**Clinical Abstract:**

A 16 year-old girl had a mass in her neck.

**Gross Pathology:**

The 23 gram thyroid was 6 x 4.5 x 1.5 cm. A 3.5 cm diameter mass distorted the isthmus. The cut surface was pink-tan with focal areas of white and red soft tissue.

**Case No. 7 - May 2015 A**

**Accession #31910**

**Tissue from: Thyroid**

**Clinical Abstract:**

This 15 year-old girl has a right thyroid nodule.

**Gross Pathology:**

The 24 gram thyroid was 6 x 3.5 x 2 cm and contained a 5 x 4 x 2 cm well circumscribed mass with central hemorrhage.

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**Case No. 8 - May 2015 A**

**Accession #31732**

**Tissue from: Thyroid**

**Clinical Abstract:**

This 69 year-old woman presented with a multinodular goiter.

**Gross Pathology:**

The right lobe of the thyroid was 55 grams and contained a 6 x 4.5 x 3 cm encapsulated mass.

**Case No. 9 - May 2015 A**

**Accession #31967**

**Tissue from: Thyroid**

**Clinical Abstract:**

A 57 year-old man presented with thyroid gland enlargement and associated bilateral lymphadenopathy.

**Gross Pathology:**

The left thyroid lobe contained a 4.5 cm mass.

Special Studies:

Positive: thyroglobulin, synaptophysin

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**Case No. 10 - May 2015 A**

**Accession #31935**

**Tissue from: Thyroid**

**Clinical Abstract:**

A 71 year-old man presented with a thyroid mass.

**Gross Pathology:**

The 11 gram resection specimen was submitted in three portions ranging from 1.2 to 3.6 cm in greatest diameter. Cut surfaces were variegated yellow, white and pink.