

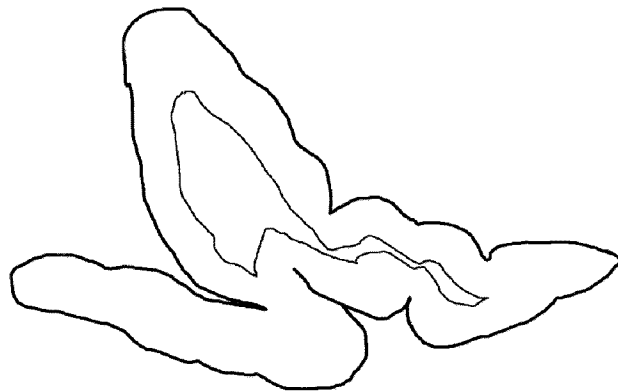


CALIFORNIA
TUMOR TISSUE REGISTRY

“ENDOCRINE PATHOLOGY”

Study Cases, Subscription B

September 2010



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
(909) 558-4788
FAX: (909) 558-0188
E-mail: cttr@linkline.com
Web page: www.cttr.org
Web site & Case of the Month: www.cttr.org

Target audience:

Practicing pathologists and pathology residents.

Goal:

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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 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.
CME 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.

Contributor: Lester Thompson, M.D.
Woodland Hills, CA

Case No. 1 - September 2010 B

Tissue from: Thyroid

Accession #31284

Clinical Abstract:

Two years after being diagnosed with urothelial carcinoma of the bladder, this 61 year old man presented with a mass in his thyroid gland.

Gross Pathology:

Not available.

Contributor: Lester Thompson, M.D.
Woodland Hills, CA

Case No. 2 - September 2010 B

Tissue from: Thyroid

Accession #31190

Clinical Abstract:

A 42 year old man presented with a growing mass in his left neck. Ultrasound showed a solid, solitary mass of the thyroid.

Gross Pathology:

Not available.

**Contributor: Pamela Boswell, D.O.
La Jolla, CA**

Case No. 3 - September 2010 B

Tissue from: Thyroid

Accession #31290

Clinical Abstract:

This 34 year old man presented with a mass in the right lobe of his thyroid.

Gross Pathology:

With in the right lobe of the resected thyroid was a 3 x 2.5 x 2.3 cm ill-defined infiltrative mass.

**Contributor: LLUMC Pathology Group (mp)
Loma Linda, CA**

Case No. 4 - September 2010 B

Tissue from: Thyroid

Accession #31171

Clinical Abstract:

An 84 year old man presented with a left thyroid mass.

Gross Pathology:

The 79 gram, 7.8 x 5.5 x 4.5 cm left lobe of thyroid contained a 5.5 cm firm multinodular brown-tan mass with focal calcifications and areas of hemorrhage.

Special Studies:

Positive: Thyroglobulin

Negative: Calcitonin, Synaptophysin, Chromogranin

**Contributor: Brad S. Adler, M.D.
Ventura, CA**

Case No. 5 - September 2010 B

Tissue from: Thyroid

Accession #30162

Clinical Abstract:

A 54 year old woman with a history of Hashimoto's thyroiditis and multinodular goiter underwent thyroidectomy for enlargement of her left thyroid lobe.

Gross Pathology:

The 11 gram left lobe of thyroid was 5 x 3 x 1.5 cm. The cut surface was multinodular but without a dominant mass.

**Contributor: N. L Morgenstern, M.D.
Oakland, CA**

Case No. 6 - September 2010 B

Tissue from: Parathyroid

Accession #08038

Clinical Abstract:

For one year this 60 year old man refused surgery for a lump in the right side of his neck, until its increasing size caused discomfort. At surgery, a mass displaced the thyroid gland medially and was initially interpreted by the surgeon as the pyramidal lobe of thyroid. Three normal-appearing parathyroid glands were grossly identified. Serum calcium level was 9.3 mg%.

Gross Pathology:

The 50 gram, 6 cm diameter mass was separated from the adjacent thyroid by a narrow zone of loose connective tissue. The cut surface was spongy tan.

**Contributor: Donald L. Alcott, M.D.
San Jose, CA**

Case No. 7 - September 2010 B

Tissue from: Retroperitoneum

Accession #08153

Clinical Abstract:

Because of chronic abdominal pain, a 59 year old man underwent an exploratory laparotomy with biopsy of a large left upper quadrant mass, interpreted as a sarcoma. There is no report of subsequent treatment. Thirteen years later, at age 72, he had a six-month downhill course and died.

Gross Pathology:

At autopsy, a 15 x 13 x 10 cm retroperitoneal tumor filled the left upper quadrant and was covered by a thick pink-yellow capsule. The cut surface was extensively necrotic within friable soft gray tumor.

**Contributor: E. R. Jennings, M.D.
Long Beach, CA**

Case No. 8 - September 2010 B

Tissue from: Left adrenal

Accession #15080

Clinical Abstract:

Eight years after first being diagnosed with hypertension and five years after a right adrenalectomy, this 27 year old woman experienced a return of attacks of palpitations, tachycardia, flushing, irritability and nervousness.

Gross Pathology:

The 70 gram, 6.5 x 5.3 x 4.3 cm left adrenalectomy specimen had a well circumscribed 6 cm diameter mass composed of mottled tan-red and gray tissue.

**Contributor: E. M. Butt, M. D.
Pasadena, CA**

Case No. 9 - September 2010 B

Tissue from: Thyroid

Accession #07654

Clinical Abstract:

This 69 year old woman experienced gradual painless enlargement of the right lobe of her thyroid gland over a two year period.

Gross Pathology:

The right thyroid lobe was 5 x 4 x 4 cm, irregular and nodular.

**Contributor: Lester Thompson, M.D.
Woodland Hills, CA**

Case No. 10 - September 2010 B

Tissue from: Right lobe of thyroid

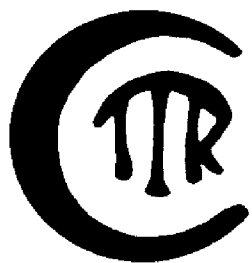
Accession #30741

Clinical Abstract:

This 43 year old woman presented with a mass in her right thyroid lobe.

Gross Pathology:

The 3.5 cm mass was solid and well delimited.

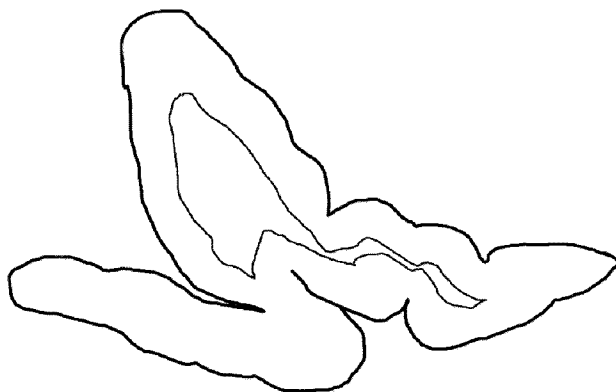


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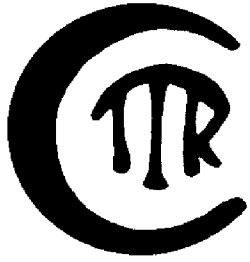
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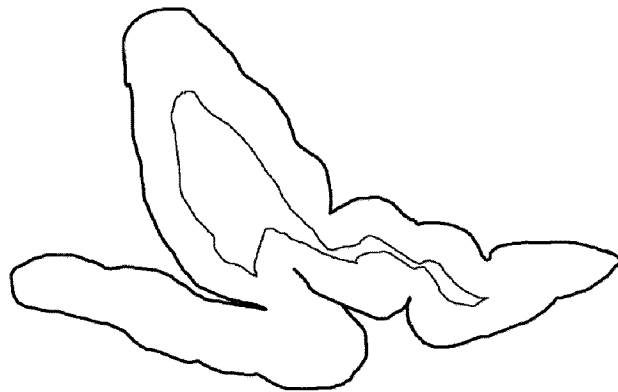


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