

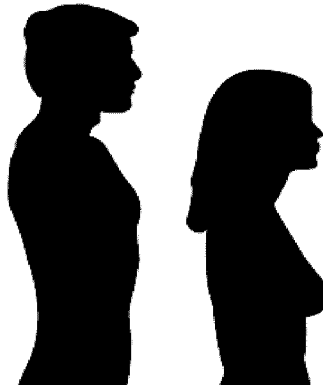


CALIFORNIA
TUMOR TISSUE REGISTRY

“GENERAL PATHOLOGY”

Study Cases, Subscription A

January 2009



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:

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
Amita T. Mistry, 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: LLUMC Pathology Group (gws)
Loma Linda, CA

Case No. 1 - January 2009 A

Tissue from: Abdomen

Accession #30656

Clinical Abstract:

This 50 year old woman presented with large abdominal masses.

Gross Pathology:

The 2300 gram 21 x 19 x 12 cm composite resection included portion of colon and matted loops of small bowel. Adherent to the loops of bowel and colon was a 13 x 12 x 11 cm mass composed of firm yellow-tan tissue with foci of cystic degeneration.

Special Studies:

Negative: CD117, Desmin, CD34, S-100

Contributor: LLUMC Pathology Group (cz)
Loma Linda, CA

Case No. 2 - January 2009 A

Tissue from: Right ovary

Accession #30658

Clinical Abstract:

A 4 year old girl presented with precocious puberty and was found to have a right sided abdominopelvic mass.

Gross Pathology:

The 645 gram right ovary was 13 x 10 x 6.5 cm. The cut surface showed a yellow-tan hemorrhagic tumor with cystic spaces from 0.5 to 4 cm in greatest diameter. No normal ovarian tissue was seen grossly.

Special Studies:

CAM 5.2: limited focal cytoplasmic staining, generally punctate

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

Case No. 3 - January 2009 A

Tissue from: Left ovary

Accession #30590

Clinical Abstract:

This 73 year old woman presented with an abdominal mass, visualized on CT as a complex adnexal mass. She was gravida 2, para 0, with 2 spontaneous abortions in her teens. Menopause was at age 55.

Gross Pathology:

The 2025 gram left ovary was 27 x 20 x 27 cm and composed of cystic multiloculated pink-tan tissue filled with mucinous material.

Special Studies:

Positive: Calretinin (scattered)

Negative: EMA, Chromogranin, keratin

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

Case No. 4 - January 2009 A

Tissue from: Thyroid

Accession #30601

Clinical Abstract:

A 27 year old woman presented with a long history of thyroid enlargement. In the past few months there had been an increase in the right side.

Gross Pathology:

The resected thyroid gland was beefy red with areas of fibrosis.

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

Case No. 5 - January 2009 A

Tissue from: Left adrenal

Accession #30760

Clinical Abstract:

For eight years, this 71 year old man had been followed with a left adrenal mass. It was noted recently to be increasing in size. Urine metanephrines were found to be elevated.

Gross Pathology:

The 63 gram, 6 x 6 x 5 cm adrenal gland contained a poorly circumscribed central mass of focally hemorrhagic, fleshy pink-tan tissue surrounded by a thin rim of golden yellow cortex.

**Contributor: Chandra Prabha, M.D.
Washington, D.C.**

Case No. 6 - January 2009 A

Tissue from: Retroperitoneum

Accession #30725

Clinical Abstract:

During a post-partum follow-up, this 37 year old woman was found to have an abdominal mass. CT scan of the abdomen showed a large retroperitoneal mass which displaced the uterus anteriorly and extended back towards the spine. A fascial plane was between the mass and the spine. Urine catecholamine, dopamine and metanephrine levels were elevated.

Gross Pathology:

The tumor consisted of a 664 gm, 15 x 9 x 6.2 cm encapsulated mass with a nodular gray-tan cut surface showing areas of hemorrhage and cystic degeneration.

Contributor: Alexander Lyster, M.D.
Victoria, TX

Case No. 7 - January 2009 A

Tissue from: Left parotid lymph node

Accession #30732

Clinical Abstract:

This 31 year old woman noted six months of progressive swelling of the left neck. A left parotid mass and two lymph nodes were excised.

Gross Pathology:

The gray-tan parotid mass was 9 x 4 x 3 cm. The ovoid lymph nodes were 3.5 cm in greatest diameter.

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

Case No. 8 - January 2009 A

Tissue from: Left back

Accession #30738

Clinical Abstract:

A 55 year old man presented with a left back mass. It was located deep in the musculature. Radiographic studies showed a richly vascular mass.

Gross Pathology:

The 7.8 cm mass had a layered “bacon”-like cut surface.

Contributor: Paulina Quintana, M.D.
National City, CA

Case No. 9 - January 2009 A

Tissue from: Left lung

Accession #30294

Clinical Abstract:

This 53 year old woman was found to have a circumscribed mass in the lingual of her left lung.

Gross Pathology:

The 7 x 5.5 x 2 cm wedge of lung contained a 3.5 x 3 x 1.7 cm well circumscribed but unencapsulated hemorrhagic cystic mass.

Special Studies:

CD34 positive in supporting vascular structures

Contributor: Chandra Prabha, M.D.
Washington, D.C.

Case No. 10 - January 2009 A

Tissue from: Retroperitoneum

Accession #30727

Clinical Abstract:

This 66 year old woman was admitted for resection of a retroperitoneal mass. A CT scan had shown a heterogeneous enhancing mass at the level of the mid inferior vena cava, portions of which appeared to be within the vena cava. There were focal calcifications.

Gross Pathology:

The specimen included a hydronephrotic right kidney and 11 cm of inferior vena cava. The vena cava was distended by a 9.8 x 4.5 x 4.3 cm intraluminal glistening tan-gray lobulated mass with a tan-white whorled cut surface.