

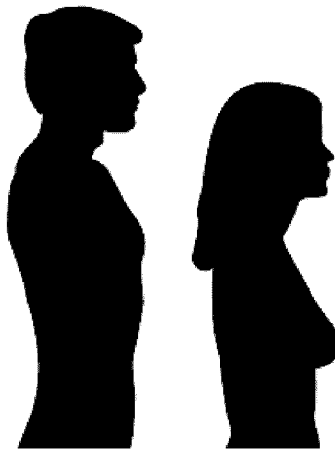


CALIFORNIA  
TUMOR TISSUE REGISTRY

## **“GENERAL PATHOLOGY”**

**Study Cases, Subscription B**

**November 2011**



**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](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 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 (dl)  
Loma Linda, CA**

**Case No. 1 - November 2011 B**

**Tissue from: Right shoulder**

**Accession #31121**

**Clinical Abstract:**

A 13 year-old girl presented with an enlarging mass in her right shoulder.

**Gross Pathology:**

The 463 gram, 13 x 12 x 7 cm resection specimen included skin, soft tissue and bone. A 10 x 9.5 x 4 cm moderately circumscribed but focally infiltrative, tan, trabeculated, firm mass was surrounded by adipose tissue, and while apparently adherent to adjacent bone, did not invade it.

Special Studies:

CD34: Focally positive

Desmin: Negative

---

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

**Case No. 2 - November 2011 B**

**Tissue from: Mesentery**

**Accession #31388**

**Clinical Abstract:**

Three years after this 67 year-old man had had an abdominal tumor resected, he presented with a recurrent mass.

**Gross Pathology:**

A segment of small bowel with mesentery was resected. Within the soft tissues was a 4.8 x 4 x 4 cm firm white-pink multilobated mass.

**Contributor: Saul Suster, M.D.  
Milwaukee, WI**

**Case No. 3 - November 2011 B**

**Tissue from: Scalp**

**Accession #30792**

**Clinical Abstract:**

An 87 year-old woman had had a large scalp mass for an unknown duration. She was unable to provide a past medical history. Physical examination showed surgical scars, including a right breast lumpectomy scar, a cholecystectomy scar, and a median laparotomy scar.

**Gross Pathology:**

The resected nodular exophytic mass was 4 cm in greatest diameter, rising 2 cm above the level of the skin and extending to the deep margin.

---

**Contributor: H. E. Maas, M.D.  
San Diego, CA**

**Case No. 4 - November 2011 B**

**Tissue from: Left lung, upper lobe**

**Accession #12354**

**Clinical Abstract:**

A 66 year-old man presented with pleuritic chest pain. Chest x-ray showed a left pleural effusion. Bronchoscopy showed obstruction of the left upper lobe bronchus.

**Gross Pathology:**

The resected lung had numerous emphysematous blebs. In the upper lobe was a 10 x 10 x 7 cm smooth, glistening, yellow-white, firm mass replacing most of the parenchyma and projecting into the major bronchi.

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

**Case No. 5 - November 2011 B**

**Tissue from: Left kidney**

**Accession #31345**

**Clinical Abstract:**

This 2 year-old boy had a left renal mass.

**Gross Pathology:**

The 373 gram, 11 x 7.5 x 7 cm kidney was almost completely replaced by tumor which bulged into the renal hilum and involved the renal vein.

---

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

**Case No. 6 - November 2011 B**

**Tissue from: Left kidney**

**Accession #29686**

**Clinical Abstract:**

This 41 year-old man presented with left flank pain. An irregular mass was identified in the lower pole of the left kidney by MRI.

**Gross Pathology:**

The inferior pole of the left kidney contained a 16 x 11 cm tumor with a firm white-tan cut surface having regions of that were light-brown and friable.

Special Studies:

CAM5.2: positive

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

**Case No. 7 - November 2011 B**

**Tissue from: Thyroid**

**Accession #31277**

**Clinical Abstract:**

A 48 year-old woman had a thyroid mass.

**Gross Pathology:**

The 28 gram 7 x 5 x 1.5 cm thyroid gland included a 4 x 3.5 x 2 cm unencapsulated lobular white mass replacing the parenchyma of the right lobe.

---

**Contributor: Charles Besanceney, M.D.**  
**Fort Gordon, GA**

**Case No. 8 - November 2011 B**

**Tissue from: Parathyroid**

**Accession #24634**

**Clinical Abstract:**

A 63 year-old woman had a yen year history of peptic ulcer disease and a general complaint of fatigue. Work-up showed elevated levels of calcium and parathyroid hormone.

**Gross Pathology:**

The 12.6 gram excised mass was 3.5 cm in greatest diameter and was adherent to the adjacent thyroid by grossly visible bands of fibrous tissue.

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

**Case No. 9 - November 2011 B**

**Tissue from: Right ovary**

**Accession #31185**

**Clinical Abstract:**

This 14 year-old girl presented with virilizing signs and was found to have an ovarian mass.

**Gross Pathology:**

The 40 gram, 5.3 x 4.5 x 2.5 cm ovary was largely replaced by an ill-defined yellow and tan solid mass.

Special Studies:

Positive: alpha-inhibin

---

**Contributor: Gary N. Pontrelli, M.D.**  
**Ventura, CA**

**Case No. 10 - November 2011 B**

**Tissue from: Left ovary**

**Accession #31412**

**Clinical Abstract:**

A 60 year-old woman presented with a pelvic mass. A total abdominal hysterectomy and bilateral salpingo-oophorectomy was performed

**Gross Pathology:**

Included with the resection specimen was a 4380 gram, 24 x 19 x 17 cm ovary composed of a solitary cyst. The cyst wall lining had numerous excrescences up to 6.5 cm in greatest diameter.