

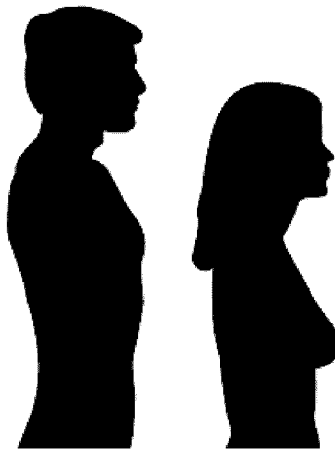


CALIFORNIA  
TUMOR TISSUE REGISTRY

## **“GENERAL PATHOLOGY”**

**Study Cases, Subscription B**

**November 2012**



**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: Dennis Kasimian, M.D.  
Van Nuys, CA**

**Case No. 1 - November 2012 B**

**Tissue from: Left thigh**

**Accession #31341**

**Clinical Abstract:**

A 49 year-old woman presented with a left thigh mass.

**Gross Pathology:**

The 13 gram, 3.5 x 3.5 x 1.8 cm resection specimen consisted of a gray-white homogeneous rubbery-firm tumor. No areas of hemorrhage, necrosis or calcification were noted.

Special Studies:

Positive: NK1, vimentin

Negative: Desmin, actin, SMA, pancytokeratin, EMA, HMB45, MelanA, S100

---

**Contributor: Eva S. Wasef, M.D.  
Los Angeles, CA**

**Case No. 2 - November 2012 B**

**Tissue from: Parotid**

**Accession #26115**

**Clinical Abstract:**

This 67 year-old woman had had bilateral swelling in the region of her parotid glands for several months. She denied mouth or conjunctival dryness and no constitutional symptoms were reported.

**Gross Pathology:**

A 4 x 3 x 1 cm portion of firm lobulated yellow tissue had a uniform cut surface without dominant masses or areas of hemorrhage.

**Contributor: Paul Ortega, M.D.  
Burlingame, CA**

**Case No. 3 - November 2012 B**

**Tissue from: Submandibular gland**

**Accession #24773**

**Clinical Abstract:**

A 68 year-old man presented with an enlarging mass in the submandibular region.

**Gross Pathology:**

The 58 gram, 8 x 5 x 3.5 cm submandibular gland was replaced by a firm, white lobulated tumor with infiltrating margins.

---

**Contributor: J. J. Bocian, M.D.  
Fresno, CA**

**Case No. 4 - November 2012 B**

**Tissue from: Neck**

**Accession #14376**

**Clinical Abstract:**

For one year, this 87 year-old woman had had a mass in the right side of her neck, near the angle of the jaw. It had enlarged rapidly in the 2-3 months prior to presentation. The mass was slightly movable, mildly tender, non-pulsating. No bruits were heard in the neck.

**Gross Pathology:**

The 22 gram resection specimen was 4 x 2.5 x 2 cm, encapsulated and composed of soft tan homogeneous tissue.

**Contributor: Mingyi Chen, M.D.**  
**Sacramento, CA**

**Case No. 5 - November 2012 B**

**Tissue from: Spleen**

**Accession #31431**

**Clinical Abstract:**

This 66 year-old woman was found to have splenic enlargement.

**Gross Pathology:**

The 190 gram spleen was submitted as multiple irregular fragments.

**Special Studies:**

Bcl-2, CD3, CD5: Perifollicular/interfollicular T-cells positive

CD20, CD79a: Follicular B-cells positive

CD21, CD31, CD68: Tall endothelial lining cells positive

CD8, CD34: Tall endothelial lining cells negative

---

**Contributor: Ellen Ko, M.D.**  
**Colton, CA**

**Case No. 6 - November 2012 B**

**Tissue from: Lung**

**Accession #31202**

**Clinical Abstract:**

This 33 year-old woman was found to have a right middle lobe mass.

**Gross Pathology:**

The wedge of lung was 8 x 6 x 2 cm with a smooth pleural surface. Within the lung parenchyma was a 2 cm well circumscribed nodule.

**Special Studies:**

AFB, GMS: negative

**Contributor: Allan Kremp, M.D.  
San Diego, CA**

**Case No. 7 - November 2012 B**

**Tissue from: Sacrum**

**Accession #31373**

**Clinical Abstract:**

During work-up for long-standing back pain, this 67 year-old woman was found to have a large sacral mass.

**Gross Pathology:**

The 1242 gram, 18 x 14 x 13.5 cm resection specimen contained a 12 x 11 x 11 cm mass with a multilobulated myxoid cut surface.

---

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

**Case No. 8 - November 2012 B**

**Tissue from: Brain**

**Accession #31350**

**Clinical Abstract:**

An 86 year-old man was found to have a right frontal parietal mass.

**Gross Pathology:**

The mass was submitted in multiple fragments up to 2 cm in greatest diameter.

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

**Case No. 9 - November 2012 B**

**Tissue from: Right ovary**

**Accession #31177**

**Clinical Abstract:**

This 64 year-old woman was found to have a pelvic mass.

**Gross Pathology:**

The 597 gram, 21 x 16 x 5 cm cystic ovarian mass had an irregular pattern of yellow nodularity.

---

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

**Case No. 10 - November 2012 B**

**Tissue from: Uterus**

**Accession #31394**

**Clinical Abstract:**

A 64 year-old woman had uterine enlargement.

**Gross Pathology:**

The 330 gram uterus with attached adnexa contained a 9 x 8x 4 cm polypoid mass in the endometrial cavity, infiltrating more than half way through the myometrial wall.