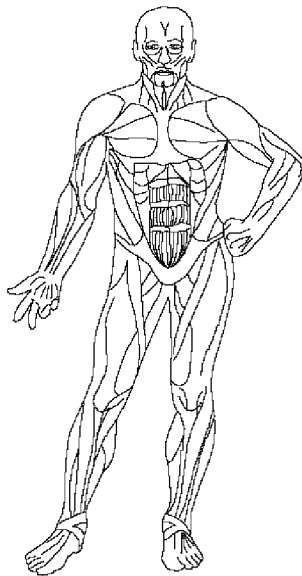


CALIFORNIA  
TUMOR TISSUE REGISTRY

## **“SOFT TISSUE PATHOLOGY”**

**Study Cases, Subscription A**

**April, 2004**



**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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**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:**

Weldon K. Bullock, MD  
Donald R. Chase, MD

**CME Credit:**

Loma Linda University School of Medicine designates this continuing medical education activity for up to 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: Arthur Williams, M.D.  
San Gabriel, CA**

**Case No. 1 - April 2004**

**Tissue from: Left thigh**

**Accession #29698**

**Clinical Abstract:**

For two months this 45-year-old female observed a mass on her left thigh which seemed to be enlarging. Workup revealed a tumor involving the muscle of the left quadriceps. The mass was excised.

**Gross Pathology:**

The 40 gram, ovoid, very firm, sharply circumscribed neoplasm was 6.5 x 5.0 x 4.5 cm and had a pale yellow-white cut surface.

**SPECIAL STUDIES:**

Pancytokeratin	strongly positive
Vimentin	strongly positive
S100	negative
HMB45	negative
CD3 and CD20	negative
CD30	negative
CD34	strongly positive
CD31	positive
Factor VIII	focally positive

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

**Case No. 2 - April 2004**

**Tissue from: Abdomen**

**Accession #29667**

**Clinical Abstract:**

This 19-year-old female had a history of pancreatitis with a pancreatic cutaneous fistula. An enlarging pelvic mass was thought to be due to retroperitoneal inflammation. Because of continued discomfort and enlargement, the mass was excised.

**Gross Pathology:**

The 3,350 gram brown-white fibrous mass was 36.9 x 29.2 x 8.3 cm and had attached segments of small bowel.

**SPECIAL STUDIES:**

CD117	positive
CD30	positive
ER/PR	negative
CD34	negative

**Contributor: Gholam Pezeshkpour, M.D.**  
**Fontana, CA**

**Case No. 3 - April 2004**

**Tissue from: Great toe**

**Accession #29681**

**Clinical Abstract:**

A mass on the left great toe of this 57-year-old female led to an amputation at the metatarsophalangeal joint.

**Gross Pathology:**

The yellow-tan, multilobular, gelatinous mass measured 3.5 x 2.2 x 2.5 cm.

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

**Case No. 4 - April 2004**

**Tissue from: Intra-abdominal**

**Accession #29706**

**Clinical Abstract:**

An intra-abdominal tumor was noted in this 45-year-old female.

**Gross Pathology:**

The 35.0 cm diameter tumor included gray gelatinous tissue.

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

**Case No. 5 - April 2004**

**Tissue from: Groin**

**Accession #29709**

**Clinical Abstract:**

This 56-year-old female presented with an ulcerating mass in her left groin.

**Gross Pathology:**

The 13 x 8 x 2 portion of skin and subcutis had a 9.0 x 5.5 x 4.0 cm area of multiple confluent, firm, gray nodules ranging in size from 0.5 to up to 6.0 cm in greatest diameter. The tumor appeared to blend with the adjacent fibroadipose tissue.

**SPECIAL STUDIES:**

CD34                      positive

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**Contributor: Mark Janssen, M.D.**  
**Anaheim, CA**

**Case No. 6 - April 2004**

**Tissue from: Right kidney**

**Accession #29641**

**Clinical Abstract:**

Following discovery of a suspicious lung nodule, a CT scan revealed a right renal mass in this 53-year-old female. Eight years earlier, she had had a hysterectomy for a leiomyosarcoma. A laparoscopic right nephrectomy was performed.

**Gross Pathology:**

The 90.5 gram specimen consisted of six pieces of kidney including a 4.0 x 3.5 x 3.0 cm firm mass.

**SPECIAL STUDIES:**

Pankeratin	negative
EMA	negative
S100	negative
Chromogranin	negative
Synaptophysin	negative
Vimentin	positive
Desmin	positive
SMA	positive
MSA	positive
CD10	negative
Estrogen & Progesterone receptors	positive

**Contributor: Jozef Kollin, M.D.**  
**Lakewood, CA**

**Case No. 7 - April 2004**

**Tissue from: Right index finger**

**Accession #29601**

**Clinical Abstract:**

This 33-year-old female had a progressively enlarging mass on her right palm and index finger that was present for several months.

**Gross Pathology:**

The yellowish lobulated mass measured 3.0 x 2.5 x 1.7 cm.

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**Contributor: Faramarz Azizi, M.D.**  
**Fontana, CA**

**Case No. 8 - April 2004**

**Tissue from: Back**

**Accession #29652**

**Clinical Abstract:**

A mass was taken from the back of this 48-year-old female.

**Gross Pathology:**

The soft tissue mass was 4.0 cm in greatest diameter.

**SPECIAL STUDIES:**

EMA	negative
Pan-cytokeratin	negative
CD31	negative
S100	negative
SMA	focally positive
HHF-35	focally positive
Myo-D1	positive
CD57 (Leu-7)	positive

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

**Case No. 9 - April 2004**

**Tissue from: Back**

**Accession #29110**

**Clinical Abstract:**

For two months this 54-year-old male noticed an expanding mass on his posterior neck.

**Gross Pathology:**

The 144 gram, 13.5 x 11.0 x 3.5 cm red-tan, soft tissue specimen contained a centrally located 8.5 x 7.2 x 2.4 cm hemorrhagic, firm, white tumor.

**SPECIAL STUDIES:**

Immunohistochemistries were negative for markers of epithelial, melanocytic, vascular or muscle differentiation.

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**Contributor: Jeree A Stroh, M.D.**  
**Camarillo, CA**

**Case No. 10 - April 2004**

**Tissue from: Left anterior chest**

**Accession #24073**

**Clinical Abstract:**

For 20 years this 53-year-old female had noticed a soft tissue mass in the left upper chest wall. When new growth in tumor size was accompanied by skin deformity, the patient elected to have it removed.

**Gross Pathology:**

The 230 gram soft yellow-tan tissue mass was 11.0 x 9.0 x 4.0 cm.