

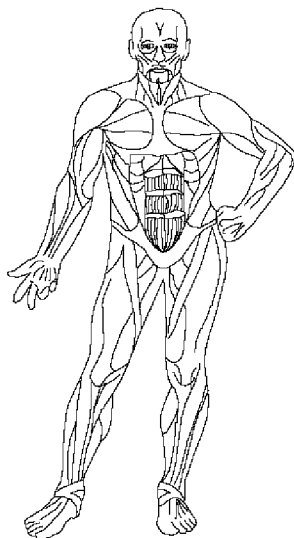


**CALIFORNIA  
TUMOR TISSUE REGISTRY**

## **“SOFT TISSUE PATHOLOGY”**

**Study Cases, Subscription A**

**October, 2003**



**California Tumor Tissue Registry**  
**c/o: Department of Pathology and Human Anatomy**  
**Loma Linda University School of Medicine**  
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**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: Xuedong Wang, M.D.**  
**Pasadena, CA**

**Case No. 1 - October 2003**

**Tissue from: Posterior chest wall**

**Accession #29626**

**Clinical Abstract:**

While leaning forward with her arm extended, this 64-year-old female noticed a mass in the infrascapular region of the left posterior chest wall. An MRI showed a 7-cm solid mass. The findings were not characteristic of a lipoma and were interpreted as a possible sarcoma. The mass did not involve the thoracic cavity and appeared to be adjacent to the latissimus dorsi muscle.

**Gross Pathology:**

The 96 gram ovoid fragment of soft tissue measured 11.0 x 7.0 x 3.5 cm. The cut surface showed diffuse dense fibrous pale pink stroma interspersed with lobules of golden yellow adipose tissue.

**SPECIAL STUDIES:**

Vimentin	positive
CD34	positive
Actin	negative
Desmin	negative
S100	negative
AE1/3	negative

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**Contributor: Gerald Dagleish, M.D.**  
**Simi Valley, CA**

**Case No. 2 - October 2003**

**Tissue from: Back**

**Accession #29581**

**Clinical Abstract:**

A 63-year-old male was found to have a large mass in his upper back.

**Gross Pathology:**

The 6.5 x 5.3 x 4.0 cm portion of soft yellow adipose tissue appeared encapsulated. The cut surface showed soft yellow tissue with firmer pale gray-white areas.

**SPECIAL STUDIES:**

CD34	positive
Vimentin	positive
S100	negative

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

**Case No. 3 - October 2003**

**Tissue from: Retroperitoneum**

**Accession #29692**

**Clinical Abstract:**

After complaining of early satiety, this 45-year-old female was found to have an abdominal mass. CT scan showed a mass in the right retroperitoneum displacing the colon, duodenum and pancreas.

**Gross Pathology:**

The 3436 gram en bloc resection included a fatty mass, kidney and part of the adrenal gland.

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

**Case No. 4 - October 2003**

**Tissue from: Left thigh**

**Accession #29638**

**Clinical Abstract:**

Over the past year, this 37-year-old female had a left posterior thigh mass which doubled in size.

**Gross Pathology:**

The 28 x 18 x 10 cm resection specimen contained a well-circumscribed 22.0 x 16.0 x 7.0 cm multicolored, multilobulated mass. The cut surface was mucoid with scattered cysts.

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

**Case No. 5 - October 2003**

**Tissue from: Right kidney**

**Accession #29585**

**Clinical Abstract:**

A diabetic hypertensive 58-year-old female was noted to have proteinuria and microscopic hematuria. Renal ultrasound and CT scan showed an exophytic solid right renal mass arising from the lower pole of the right kidney.

**Gross Pathology:**

A 3.0 cm mass was attached to the lower pole of the kidney.

**SPECIAL STUDIES:**

HMB45	positive
SMA	positive

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**Contributor: Donna Kell, M.D.**  
**Santa Barbara, CA**

**Case No. 6 - October 2003**

**Tissue from: Right kidney**

**Accession #29630**

**Clinical Abstract:**

This 67-year-old female had a right kidney mass.

**Gross Pathology:**

The 232 gram kidney had a 3.0 x 4.3 x 2.2 cm mass protruding from the superior posterior aspect of the renal capsule.

**SPECIAL STUDIES:**

SMA	strongly, diffusely positive
Desmin	rarely positive
HMB45	negative
Keratin	negative

**Contributor: Mark J. DeMeo, M.D.**  
**Santa Rosa, CA**

**Case No. 7 - October 2003**

**Tissue from: Left chest wall**

**Accession #29086**

**Clinical Abstract:**

For sometime this 31-year-old male had an enlarging mass in his left chest. The patient was told it might be a keloid as a result of a previous tattoo and infection at that site. The mass was excised due to the insistence of the patient.

**Gross Pathology:**

A 6.0 x 3.0 x up to 2.0 cm skin ellipse contained a central 2.0 cm firm nodule.

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**Contributor: Xuedong Wang, M.D.**  
**Pasadena, CA**

**Case No. 8 - October 2003**

**Tissue from: Retroperitoneum**

**Accession #29656**

**Clinical Abstract:**

This 73-year-old female was found to have a retroperitoneal mass.

**Gross Pathology:**

The 2786 gram pink-tan, bosselated mass measured 27.5 x 17.0 x 13.0 cm. The cut surface, although generally uniformly tan and myxomatous, had several foci of necrosis.

**SPECIAL STUDIES:**

Vimentin	positive
CD68	positive
Desmin	negative
Actin	negative
CD34	negative
S100	negative
CD117	negative

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

**Case No. 9 - October 2003**

**Tissue from: Left thigh**

**Accession #29696**

**Clinical Abstract:**

A CT scan performed for other concerns incidentally showed a mass in the left thigh of this 48-year-old female. At surgery, the mass was adherent to bone and the major femoral vessels.

**Gross Pathology:**

A 14 x 14 x 9 cm specimen contained a 12 x 8 x 6 cm yellow-tan mass with focal hemorrhagic areas.

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**Contributor: Ellen C Ko, M.D.  
Birmingham, AL**

**Case No. 10 - October 2003**

**Tissue from: Spleen**

**Accession #29343**

**Clinical Abstract:**

Due to complications following a colonoscopy, this 84-year-old female had a CT scan of the abdomen which showed an incidental splenic mass.

**Gross Pathology:**

The 79 gram spleen had a bulbous, 4.7 x 4.2 x 3.5 cm well-circumscribed mass protruding from one of its long margins. The cut surface was homogenous and hemorrhagic-appearing.