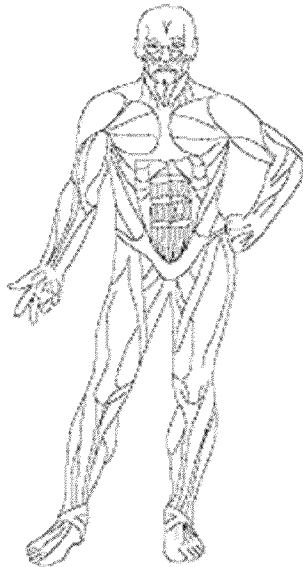


CALIFORNIA  
TUMOR TISSUE REGISTRY

## **“SOFT TISSUE PATHOLOGY”**

**Study Cases, Subscription A**

**October 2010**



**California Tumor Tissue Registry**  
c/o: Department of Pathology and Human Anatomy  
Loma Linda University School of Medicine  
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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:**

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: Monique Hollis-Perry, M.D.  
San Diego, CA**

**Case No. 1 - October 2010 A**

**Tissue from: Perianal soft tissue**

**Accession #31252**

**Clinical Abstract:**

A 22 year old man presented with an enlarging left perianal mass.

**Gross Pathology:**

The 2.7 x 2.2 x 1.3 cm specimen consisted of an ellipse of skin with attached subcutaneous tissue.

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

**Case No. 2 - October 2010 A**

**Tissue from: Sacrum**

**Accession #31268**

**Clinical Abstract:**

This 14 year old boy underwent resection of a stage 4 pressure ulcer.

**Gross Pathology:**

The 20 gram excision of skin was 5.5 x 3.5 and cut to a depth of 2 cm. It had a 3.5 x 2 cm eccentrically placed ulceration penetrating to the underlying connective tissue.

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

**Case No. 3 - October 2010 A**

**Tissue from: Right nasopharynx**

**Accession #31267**

**Clinical Abstract:**

A 26 year old man had a right nasopharyngeal mass.

**Gross Pathology:**

The 9 gram, 4.5 x 2.5 x 1.5 cm firm pink mass had a homogeneous lobulated cut surface.

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

**Case No. 4 - October 2010 A**

**Tissue from: Right shoulder and neck**

**Accession #31262**

**Clinical Abstract:**

A 14 year old girl had a mass in her right shoulder and neck.

**Gross Pathology:**

The 418 gram, 13 x 11 x 6 cm specimen showed multiple unencapsulated whorled tan nodules intermixed with brown skeletal muscle and yellow adipose tissue.

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

**Case No. 5 - October 2010 A**

**Tissue from: Suburethral tissue**

**Accession #31261**

**Clinical Abstract:**

A 43 year old woman had a periurethral/vulvar mass.

**Gross Pathology:**

The 17 gram 4 x 3 x 2.7 cm red-tan mass had a firm, homogeneous tan cut surface.

**Special Studies:**

Positive: Desmin, Myosin heavy chain

Negative: CD31

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**Contributor: Dharam M. Ramnani, M.D.**  
**Richmond, VA**

**Case No. 6 - October 2010 A**

**Tissue from: Scrotal soft tissue**

**Accession #31178**

**Clinical Abstract:**

This 52 year old man had a slowly enlarging right hemiscrotum without a history of trauma. Physical examination showed a firm, non-tender, freely mobile mass behind the right testicle.

**Gross Pathology:**

The 4.5 cm circumscribe firm to hard multinodular tumor had a pink-white whorled cut surface with foci of hemorrhage and softening.

**Special Studies:**

Positive: Smooth muscle actin

Negative: CD34, CD 56, c-kit

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

**Case No. 7 - October 2010 A**

**Tissue from: Right chest wall**

**Accession #31220**

**Clinical Abstract:**

An 80 year old woman presented with a right chest wall mass involving the 11<sup>th</sup> and 12<sup>th</sup> ribs. Past history was significant for a similar mass on the left side 4 years previously.

**Gross Pathology:**

The 198 gram, 12 x 8 x 6 cm composite resection of right chest wall included a 6.5 x 5 x 4.5 cm well circumscribed spherical mass between, and involving, the two resected ribs. The mass did not invade the pleural surface.

Special Studies:

Positive: Desmin, Actin, SMA

Negative: S100

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**Contributor: Alexandra Reichman, M.D.  
Marysville, CA**

**Case No. 8 - October 2010 A**

**Tissue from: Arm**

**Accession #31179**

**Clinical Abstract:**

After a 10-year history of an enlarging mass in her left arm, clinically felt to be a ruptured head of triceps, this 80 year old woman underwent biopsy and then resection.

**Gross Pathology:**

The 10 x 2.5 x 2 cm excision of skin and underlying tissues covered a 10 x 5 x 4.2 cm bosselated mass with white and opaque yellow mucoid cut surfaces lacking apparent necrosis or cystic change.

**Contributor: Chenduen Hwang, M.D.  
Van Nuys, CA**

**Case No. 9 - October 2010 A**

**Tissue from: Right posterior neck**

**Accession #31279**

**Clinical Abstract:**

This 74 year old man complained of a large mass at the base of his neck on the right side.

**Gross Pathology:**

A 6.3 x 1.2 cm ellipse of skin surmounted a 3.8 x 3 x 1.6 cm subcutaneous mass.

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**Contributor: W. Michael Green, M.D.  
Oxnard, CA**

**Case No. 10 - October 2010 A**

**Tissue from: Scrotum**

**Accession #31188**

**Clinical Abstract:**

This 70 year old man with prostatic carcinoma had a symptomatic left hydrocele. Past surgical history included hernia repairs 20 years earlier. During repair of the hydrocele, a mass of the left spermatic cord was removed.

**Gross Pathology:**

The 23 x 8 cm specimen included a small atrophic testicle and multiple lobules of adipose tissue surround the spermatic cord and testicle.