

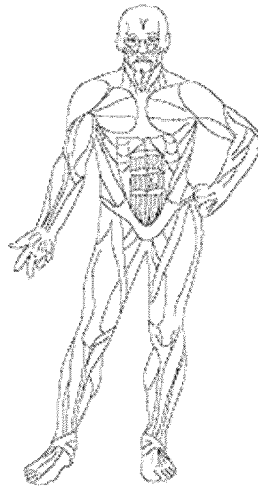


**CALIFORNIA
TUMOR TISSUE REGISTRY**

“SOFT TISSUE PATHOLOGY”

Study Cases, Subscription A

April 2010



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
Web page: www.cttr.org
Web site & Case of the Month: 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: Lester Thompson, M.D.
Woodland Hills, CA

Case No. 1 - April 2010 A

Tissue from: Right thigh

Accession #31053

Clinical Abstract:

A 30 year old man noted a mass in the soft tissues of his right thigh. He thought it developed after a recent bicycle accident.

Gross Pathology:

A 4 x 3 x 2 cm soft tissue mass was 'shelled out' and removed.

Contributor: Julio Ibarra, M.D.
Long Beach, CA

Case No. 2 - April 2010 A

Tissue from: Right hip

Accession #27751

Clinical Abstract:

For about three months this 44 year old man had noticed a non-painful lump over his right hip. The firm subcutaneous nodule was somewhat mobile and non-tender to palpation. The mass was just proximal to the greater trochanter and was felt to be superficial to the muscular layer. Radiographs showed no bony abnormalities. At surgery, the mass was easily 'shelled out' by blunt dissection.

Gross Pathology:

The 4 x 3.2 x 2 cm smooth, white-pink mass had a glistening cut surface.

**Contributor: Walid Salahi, M.D.
Van Nuys, CA**

Case No. 3 - April 2010 A

Tissue from: Skin of back

Accession #28602

Clinical Abstract:

This 97 year old man presented with a partially ulcerated mass on his back.

Gross Pathology:

The 500 gram, 16 x 9.5 x 5 cm mass was partially covered by focally ulcerated skin. The cut surface was gray-white with foci of entrapped adipose tissue. There was no grossly apparent necrosis or hemorrhage.

Special Studies:

Positive: Vimentin

Negative: S100, CD34, Keratin, Desmin

**Contributor: Theodore Tsuyuki, M.D.
La Habra, CA**

Case No. 4 - April 2010 A

Tissue from: Retroperitoneum

Accession #25990

Clinical Abstract:

A 72 year old man complained of bloating and abdominal discomfort for about a year. After a 20 pound weight loss, he also noticed an abdominal mass, which was increasing in size. An abdominal CT showed an abdominopelvic mass with necrosis. Upper endoscopy and colonoscopy were within normal limits.

Gross Pathology:

The 2,600 gram, 23 x 21 x 17 cm fluctuant yellow-brown mass had a cystic, hemorrhagic cut surface.

Special Studies:

Positive: Desmin/SMA

Negative: S100

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

Case No. 5 - April 2010 A

Tissue from: Right thigh

Accession #27730

Clinical Abstract:

A 20 year old man presented with a mass in his right thigh.

Gross Pathology:

The 4.5 x 3 x 3 cm yellow-tan, well circumscribed mass was located beneath the subcutis.

Special Studies:

Weakly positive: Chromogranin, Desmin

Negative: HHF-35, SMA, Myoglobin, Vimentin, S100, HMB45, Factor XIIIa, CD68,
MIC2, CD 34, CD31, Factor VIII, EMA

**Contributor: William Talbert, M.D.
Long Beach, CA**

Case No. 6 - April 2010 A

Tissue from: Lung

Accession #27747

Clinical Abstract:

This 27 year old man had had pneumocystis pneumonia about one year prior to his last admission. Three weeks prior to his last admission, he presented with fever, shortness of breath and cough productive of abundant brown sputum. Chest radiographs showed a progressively worsening hazy infiltrate. He died three days after admission.

Gross Pathology:

At autopsy, the lungs weighed 3200 grams and were riddled with numerous relatively discrete beefy red nodules up to 2 cm in greatest diameter.

Special Studies:

Positive: Factor VIII

Negative: CD34

Contributor: Robert Hufner, M.D.
La Mesa, CA

Case No. 7 - April 2010 A

Tissue from: Paratesticular mass

Accession #26000

Clinical Abstract:

This 22 year old man presented with a two-month history of right testicular swelling.

Gross Pathology:

The 4.5 cm seemingly encapsulated mass had a solid bulging gray cut surface.

Special Studies:

Positive: MSA/Desmin

Negative: S100

Contributor: K. Greg Peterson, M.D.
Sioux Falls, SD

Case No. 8 - April 2010 A

Tissue from: Abdominal wall

Accession #28621

Clinical Abstract:

This 78 year old man developed bowel obstruction and was discovered to have a right-sided abdominal mass.

Gross Pathology:

The 1,891 gram, well circumscribed mass was 25 x 17 x 7 cm and had a lobular yellow cut surface with variable areas of firmness and foci of hemorrhage.

**Contributor: Robert James, M. D.
Ventura, CA**

Case No. 9 - April 2010 A

Tissue from: Chest wall

Accession #28646

Clinical Abstract:

Six years after a prior resection, this 49 year old woman presented with a rapidly growing mass in the same region of her chest wall. At the time of her original surgery, it was explained that there was probably residual tumor but she chose not to pursue further therapy.

Gross Pathology:

The resected specimen included a 26 cm portion of skin and underlying tissues with a 3.5 x 3 x 3 cm well circumscribed white firm mass.

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

Case No. 10 - April 2010 A

Tissue from: Chest wall

Accession #31147

Clinical Abstract:

A 68 year old man presented with a right sided chest wall mass.

Gross Pathology:

The 314 gram 14.7 x 11.6 x 5 cm composite resection included chest wall, portions of ribs and segments of lung. The majority of the chest wall was involved by a firm rubbery white tan mass.

Special Studies:

Negative: Keratin cocktail, CK5/6, Calretinin, Melanoma cocktail, S100, Actin, Myogenin, Desmin