

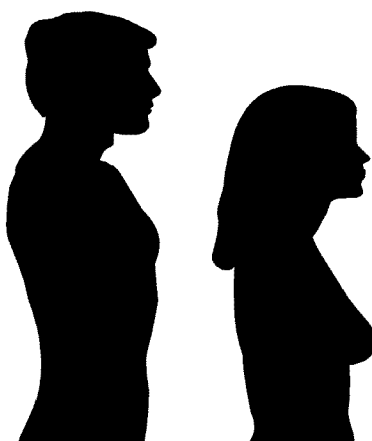


CALIFORNIA
TUMOR TISSUE REGISTRY

“GENERAL PATHOLOGY”

Study Cases, Subscription A

November 2002



California Tumor Tissue Registry
c/o: Department of Pathology and Human Anatomy
Loma Linda University School of Medicine
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Loma Linda, California 92350
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E-mail: cttr@linkline.com
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:

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: Susan Murakami, M.D.
Pasadena, CA**

Case No. 1 - November 2002

Tissue from: Intra-abdominal mass

Accession #29231

Clinical Abstract:

This 54-year-old male had a large intra-abdominal mass and had a history of a previous tumor in the same location.

Gross Pathology:

The 1704 gram firm mass was 20.0 x 13.5 x 13.0 cm. The cut surface was homogeneous, solid pale pink-tan.

**Contributor: Conrad H. Lu, M.D.
San Gabriel, CA**

Case No. 2 - November 2002

Tissue from: Right thigh

Accession #29523

Clinical Abstract:

A soft tissue mass developed in the thigh of this 38-year-old male. CT suggested the mass involved the vastus medialis.

Gross Pathology:

Within the 12 cm diameter excision specimen was a 9.0 x 5.5 x 4.7 cm tan mass, having a trabeculated cut surface.

**Contributor: P. L. Morris, M.D.
Santa Barbara, CA**

Case No. 3 - November 2002

Tissue from: Pancreas

Accession #29522

Clinical Abstract:

During work-up for metastases from a known prostatic carcinoma, this 76-year-old male had a CT scan which showed a pancreatic mass. A distal pancreatectomy with splenectomy was performed.

Gross Pathology:

Replacing a major portion of the tail of the pancreas was a 5.0 x 6.0 x 6.0 cm circumscribed solid lobulated mass. The cut surface varied from gray to pink-white with scattered areas of hemorrhage and cystic degeneration.

SPECIAL STUDIES (Outside Facility):

Synaptophysin	strong cytoplasmic staining
Chromogranin	positive cytoplasmic staining, both punctuate and diffuse

**Contributor: Kenneth A. Frankel, M.D.
Glendale, CA**

Case No. 4 - November 2002

Tissue from: Left thigh

Accession #29454

Clinical Abstract:

A mass developed in the left thigh of this 57-year-old female.

Gross Pathology:

The 685 gram specimen included a 14.0 x 11.5 x 9.0 cm well-circumscribed ovoid piece of rubbery tan tissue with a homogeneous, edematous yellow-tan cut surface.

Contributor: LLUMC Pathology Group (gws)
Loma Linda, CA

Case No. 5 - November 2002

Tissue from: Right thigh

Accession #29553

Clinical Abstract:

This 13-year-old female developed a mass in her right thigh, at the site where a mass had been excised seven years earlier.

Gross Pathology:

The 450 gram specimen consisted of a 15.0 x 12.0 x 5.0 cm portion of yellow-tan tissue containing streaks of red-brown muscle running through it.

Contributor: LLUMC Pathology Group (wc)
Loma Linda, CA

Case No. 6 - November 2002

Tissue from: Scalp

Accession #29554

Clinical Abstract:

Over a six-month period, this 47-year-old male noticed an enlarging mass in his scalp. Two years earlier, he had had craniotomies and radiation therapy for a brain tumor.

Gross Pathology:

This 50 gram, 7.0 x 6.0 cm fragment of white-tan hair-bearing skin contained a 5.0 x 3.5 x 1.7 cm tumor within the dermis.

SPECIAL STUDIES:

GFAP	strongly positive
S-100	focally positive
HMB45	negative
EMA	positive
Vimentin	positive
Keratin (AE1/AE3)	weakly positive

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

Case No. 7 - November 2002

Tissue from: Ovary

Accession #29452

Clinical Abstract:

During a routine exam, this 26-year-old nulliparous female was noted to have a large pelvic mass. Menarche was at age 16. Subsequent menses were irregular and she reported being told that she had polycystic ovarian syndrome.

Gross Pathology:

The 1360 gram 21 cm diameter ovary was largely replaced by a yellow-beige to gray tumor with multiple cystic spaces.

**Contributor: Peter L. Morris, M.D.
Santa Barbara, CA**

Case No. 8 - November 2002

Tissue from: Left breast

Accession #29545

Clinical Abstract:

This 94-year-old female with senile dementia was found to have a mass in her left breast. A quadrantectomy was performed.

Gross Pathology:

The 3.2 x 3.0 x 2.5 cm pink-tan, well-circumscribed mass had a lobulated non-glistening cut surface.

Contributor: Joel A. Roth, M.D.
Summit, NJ

Case No. 9 - November 2002

Tissue from: Lung

Accession #29572

Clinical Abstract:

Because of flu-like symptoms and a cough, this 38-year-old female was given a course of antibiotics. A chest x-ray taken for follow-up revealed a right middle lobe mass.

Gross Pathology:

The resected right middle lobe contained a 7.0 x 6.5 x 4.5 cm subpleural well-circumscribed tan firm tumor that bulged into an adjacent bronchus. The cut surface was relatively homogeneous with a few small cystic spaces.

SPECIAL STUDIES (Outside facility):

Pancytokeratin	positive	Bcl2	negative
EMA	positive	S100	negative
Muscle specific actin	negative	Desmin	negative
CD34	negative	TTF-1	negative
Calretinin	negative	Chromogranin	negative
CD31	negative	LCA	negative

Contributor: Pamela Boswell, M.D.
San Diego, CA

Case No. 10 - November 2002

Tissue from: Abdomen

Accession #29526

Clinical Abstract:

During work-up for a left intertrochanteric femoral fracture, this 4-year-old male was found to have an 8 cm abdominal mass.

Gross Pathology:

The 6.0 x 4.5 x 3.5 cm red-brown mass had a multinodular yellow-tan cut surface with foci of hemorrhage.