

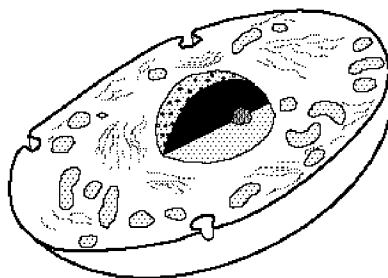


CALIFORNIA
TUMOR TISSUE REGISTRY

“GENERAL PATHOLOGY”

Study Cases, Subscription A

May 2005



California Tumor Tissue Registry

**c/o: Department of Pathology and Human Anatomy
Loma Linda University School of Medicine
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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 relevant 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.
Note: 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: Nora Ostrzega/Douglas Kahn, M.D.
Sylmar, CA**

Case No. 1 - May 2005

Tissue from: Colon

Accession #29828

Clinical Abstract:

A 28-year-old female presented with left lower quadrant pain of five months duration. A barium enema revealed a mucosal-based mass. A polypectomy was performed.

Gross Pathology:

Removed was a polypoid structure measuring 3.5 cm in diameter. The polyp was smooth with a homogeneous cut surface.

**Contributor: Henry Slosser, M.D.
Pasadena, CA**

Case No. 2 - May 2005

Tissue from: Left breast

Accession #29570

Clinical Abstract:

Over the past ten years a 39-year-old female had two remarkably large masses in her left breast. A mastectomy was performed.

Gross Pathology:

The tumors were similar, consisting of firm gray tissue with focal hemorrhage. The largest mass weighed 5,310 grams and measured 29.0 x 27.0 x 16.0 cm. The second was soft and somewhat ovoid, weighing 326 grams and measuring 11.0 x 10.0 x 6.5 cm.

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

Case No. 3 - May 2005

Tissue from: Breast

Accession #29803

Clinical Abstract:

A 30-year-old female presented with a palpable mass in the upper-outer quadrant of her right breast.

Gross Pathology:

The excision measured 13.0 x 12.0 x 4.0 cm and contained a fairly well-circumscribed mass that was 7.0 cm in greatest diameter.

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

Case No. 4 - May 2005

Tissue from: Ovary

Accession #29804

Clinical Abstract:

A 64-year-old gravida 7, para 4, ab 3 female experienced occasional pelvic pain. Ultrasound and CT scan showed an adnexal mass. A TAH/BSO (Marshall-Marchetti-Krantz) was performed.

Gross Pathology:

The smooth-surfaced grayish-pink ovary weighed 248 grams and measured 13.0 x 10.0 x 7.0 cm and had a segment of fallopian tube measuring 5.0 x 0.7 cm. Sectioning through the ovary showed multiple various sized cysts as well as solid homogenous areas which included fresh hemorrhage and some suggestion of infarct-like necrosis.

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

Case No. 5 - May 2005

Tissue from: Left parotid

Accession #29761

Clinical Abstract:

A 55-year-old diabetic male was noted to have a 5 x 3 cm mass inferior to his left ear. It had been present for about 10 years and had been gradually increasing in size. It had recently become painful, and he underwent FNA and a partial parotidectomy.

Gross Pathology:

The 31.8 gram, 5.5 x 4.5 x 2.5 cm pink-tan tissue contained a 3.3 x 3.0 x 2.7 cm circumscribed soft, pink-tan lobulated cut surface with grossly intact thin capsule.

Contributor: Yasuchi Tamura, M.D.
Bellflower, CA

Case No. 6 - May 2005

Tissue from: Pelvis

Accession #29835

Clinical Abstract:

Having a history of hysterectomy (with previously diagnosed leiomyomas) this 70-year-old female had a pelvic mass removed.

Gross Pathology:

The reddish-gray retroperitoneal mass measured 9.0 x 6.0 x 4.5 cm.

SPECIAL STUDIES:

SMA	positive
Actin	positive
Desmin	positive
Calponin	positive
ER	positive
PR	positive
CAM5.2/AE1	negative
S-100	negative
CD34	negative
CD31	negative
CD117	negative

Contributor: John Sacoolidge, M.D.
Sylmar, CA

Case No. 7 - May 2005

Tissue from: Omentum/Right ovary

Accession #29968

Clinical Abstract:

A 69-year-old female complained of increased abdominal girth. A transabdominal and endovaginal ultrasound of the pelvis showed only a retroverted uterus but also noted thickened omentum. An FNA favored a poorly differentiated adenocarcinoma. A serum CA-125 was normal. An open excisional biopsy was performed.

Gross Pathology:

The resected omentum consisted of a piece of multilobulated fatty tissue measuring 5.0 x 2.0 x 1.0 cm. The surface was studded with pink-yellow nodules ("omental cake").

SPECIAL STUDIES:

CK7	positive
Calretinin	focally positive
EMA	positive
CK20	negative
GCDFP	negative
TTF1	negative
Mucin	negative
S100	negative
CD117	negative
E-cadherin	negative

Contributor: Robert H. Zuch, M.D.
Baldwin Park, CA

Case No. 8 - May 2005

Tissue from: Right knee

Accession #29840

Clinical Abstract:

A 17-year-old male developed a mass on his right knee.

Gross Pathology:

The excised specimen was ovoid and 5.0 x 5.0 x 4.5 x 1.0 cm. It was firm tan-white nodular and 5.0 cm in greatest diameter.

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

Case No. 9 - May 2005

Tissue from: Testicle

Accession #30205

Clinical Abstract:

A 57 y/o male presented with a 3-4 month history of an enlarged, firm non-tender testicle. Physical exam showed a left, solid testicular mass approximating 6.0 cm in greatest diameter. An echogram showed enlargement with "inhomogeneous echoic densities and increasing vascularity most consistent with testicular tumor".

Gross Pathology:

The testis was 127 grams and contained a white-tan whorled nodule measuring 4.5 x 4.0 x 4.0 cm.

Contributor: John McGill, M.D.
Pasadena, CA

Case No. 10 - May 2005

Tissue from: Sternum

Accession #29843

Clinical Abstract:

A slow-growing mass was noted on the sternum of an 85-year-old male.

Gross Pathology:

A composite resection of the sternum and ribs showed a 9.0 x 5.0 x 5.0 cm solid well-circumscribed mass. Soft tissue invasion was not seen.