

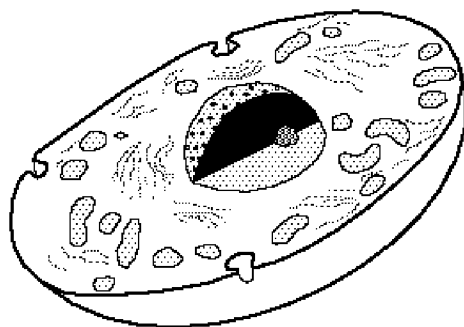


**CALIFORNIA
TUMOR TISSUE REGISTRY**

“GENERAL PATHOLOGY”

Study Cases, Subscription A

January 2000



**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 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: Robert E. Riechmann, Jr., M.D.
Glendale, CA

Case No. 1 - January 2000

Tissue from: Left Atrium, Heart

Accession #28289

Clinical Abstract:

During work-up for weight loss and fatigue in a 67-year-old female, a CT showed left atrial mass. A transthoracic echocardiogram confirmed a 3 x 4 cm left atrial mass, which was resected.

Gross Pathology:

The 3.9 x 4.1 x 2.4 cm polypoid tan to dark red tissue had a gelatinous red tan cut surface.

Contributor: Robert E. Riechmann, M.D.
Glendale, CA

Case No. 2 - January 2000

Tissue from: Gastric polyp

Accession #28470

Clinical Abstract:

A 76-year-old male was discovered to have a large gastric polyp, which was surgically removed.

Gross Pathology:

The soft glistening pink-tan polypoid tissue measured 6.0 x 4.2 x 3.7 cm. The surface was bosselated and covered with mucus and had a slightly papillary appearance.

CONTRIBUTOR: Nelson Quigley, M.D.
Anaheim, CA

Case No. 3 - January 2000

TISSUE FROM: Sigmoid colon

Accession #28205

Clinical Abstract:

After four months of fatigue and a 20 pound weight loss, this 25-year-old male was found to have severe iron deficiency anemia requiring transfusion. A colonoscopy revealed an obstructing lesion in the left colon with CT scan verifying a mass. A left hemicolectomy with side to side anastomosis was performed.

Gross Pathology:

The 253 gram, 15.0 x 8.0 x 6.5 cm segment of large bowel contained a rock hard mass in the midportion.

SPECIAL STAINS:

Chromogranin	positive in solid, nested regions
	negative in cells of "mucinous" areas

Contributor: Arthur L. Koehler, M.D.
Pasadena, CA

Case No. 4 - January 2000

Tissue from: Mediastinum

Accession #28236

Clinical Abstract:

During a routine physical examination, this 51-year-old female was found, on chest x-ray, to have a large prominent right hilar mass. A well-encapsulated anterior mediastinal mass was removed.

Gross Pathology:

The 88 gram specimen was 8.0 x 6.0 x 5.0 cm. The parenchyma was dense with a slightly gritty texture, but calcifications and cystic degeneration were not grossly identified.

Contributor: Peter Chen, M.D.
Sylmar, CA

Case No. 5 - January 2000

Tissue from: Right kidney

Accession #28319

Clinical Abstract:

Severe right flank pain brought this 49 year old female to medical attention. Radiologic workup revealed a renal mass. A radical nephrectomy was performed.

Gross Pathology:

The resected kidney with perirenal fat weight 1400 gm. In the upper pole was a 12.0 x 10.5 x 10.0 cm spherical mass composed of variegated, cystic and solid, soft to firm, hemorrhagic and tan-red to tan-white tissue.

Contributor: Farooq Ali, M.D.
Ventura, CA

Case No. 6 - January 2000

Tissue from: Right ovary

Accession #28598

Clinical Abstract:

Because of a family history of ovarian carcinoma, this 40-year-old El Salvadorian female expressed concerns after experiencing increased abdominal girth, discomfort and intermittent nausea and emesis. Physical exam showed a palpable abdominal mass and CT scan revealed a large mass in the right ovary, which was removed.

Gross Pathology:

The 2636 gram cystic ovarian mass was oval and measured 35.0 x 20.0 x 8.0 cm. A 32 cm diameter main locule contained 2.5 liters of serous and mucoid fluid. There were red-tan papillary islands covering approximately 30% of the internal surface.

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

Case No. 7 - January 2000

Tissue from: Bilateral Ovaries

Accession #28562

Clinical Abstract:

After complaining of abdominal pain and increasing girth, this 32-year-old female was found to have a palpable 32 cm diameter soft abdomino-pelvic mass. CT showed bilateral solid and cystic masses in the pelvis, extending to mid-abdomen.

Gross Pathology:

The multicystic, multinodular right ovarian mass weighed 2740 grams and measured 23.0 x 14.0 x 10.0 cm. The yellow-tan nodules were up to 7.0 cm in greatest diameter, some with central hemorrhagic areas. The left ovary was 1500 grams and 19.5 x 13.5 x 7.0 cm and was also multicystic and multinodular.

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

Case No. 8 - January 2000

Tissue from: Right ovary

Accession #28452

CLINICAL ABSTRACT:

This 50-year-old female presented with an abdominal mass. A total abdominal hysterectomy with bilateral salpingo-oophorectomy was performed.

GROSS PATHOLOGY:

The 1940 gram multilobulated ovarian mass was 23.0 x 14.0 x 10.0 cm. The parenchyma was composed of light tan, generally necrotic, tissue with foci of hemorrhage. There were also multiple smooth-walled hemorrhagic cysts up to 2.4 cm in greatest diameter.

Contributor: Arno A. Roscher, M.D.
Valencia, CA

Case No. 9 - January 2000

Tissue from: Left pelvic mass

Accession #28349

Clinical Abstract:

A large pelvic mass was palpated during a routine examination of this 85-year-old Caucasian female. The mass was fixed but found to be unassociated with adjacent ovary, oviduct and bladder.

Gross Pathology:

The 238 gram mass was 11.0 x 10.0 x 8.0 cm. The parenchyma was gelatinous yellow-gray with cystic areas.

SPECIAL STUDIES:

S-100	strongly positive
CD34	negative

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

Case No. 10 - January 2000

Tissue from: Left thigh

Accession #28619

Clinical Abstract:

This 83-year-old male complained of an enlarging mass on his left thigh.

Gross Pathology:

This well encapsulated oval mass measured 7.0 x 4.0 x 3.5 cm and was composed of variegated whorled fibrous yellow-tan tissue.