

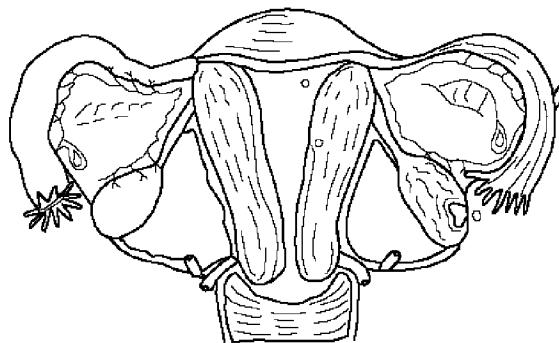


CALIFORNIA  
TUMOR TISSUE REGISTRY

## **“GYNECOLOGIC PATHOLOGY”**

**Study Cases, Subscription A**

**May 2001**



**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](mailto:cttr@linkline.com)  
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:**

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: William Sueoka, M.D.  
Thousand Oaks, CA**

**Case No. 1 - May 2001**

**Tissue from: Left ovary**

**Accession #27990**

**Clinical Abstract:**

During a workup for lower quadrant pain, this 39-year-old female was found to have an irregularly shaped uterus and a left ovarian mass.

**Gross Pathology:**

The left ovary was submitted in multiple fragments weighing together 58 grams. The largest portion was 5 cm in diameter and consisted of friable yellow-tan tissue.

**SPECIAL STUDIES:**

Desmin	negative
Actin	negative

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

**Case No. 2 - May 2001**

**Tissue from: Left Ovary**

**Accession #28055**

**Clinical Abstract:**

This 48-year-old female presented with an ovarian mass and was found to have a mildly elevated CEA.

**Gross Pathology:**

The partially collapsed cystic ovary weighed 49 grams and measured 7.0 x 5.5 x 4.0 cm. The external surface was smooth. The cyst wall was 0.2-0.3 cm thick, and the inner lining had multiple mucoid gray-tan polypoid lesions which ranged from 0.3-4.0 cm.

**Contributor: Howard Otto, M.D.  
Cheboygan, MI**

**Case No. 3 - May 2001**

**Tissue from: Right ovary**

**Accession #28672**

**Clinical Abstract:**

Because of right sided abdominal pain with bloating and some vaginal spotting, this 64-year-old female sought medical attention. Imaging studies revealed a large, lower abdominopelvic cystic mass.

**Gross Pathology:**

The smooth, gray-surfaced unilocular ovarian cyst measured 26.0 x 24.0 x 13.0 cm. After removal of the fluid, the cyst weighed approximately 250 grams. The inner lining was smooth except for an 8 x 8 cm area of finely nodular tissue.

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

**Case No. 4 - May 2001**

**Tissue from: Left ovary**

**Accession #28276**

**Clinical Abstract:**

Complaining of six weeks of abdominal swelling and bloating, this 53-year-old gravida 0, Caucasian female came in for medical examination. Imaging studies showed an 18 cm ovarian mass.

**Gross Pathology:**

The 892 gram, 19 x 17 x 6 cm smooth surfaced ovarian mass had both solid and cystic areas.

**Contributor: James E. Orr, M.D.  
Oneonta, NY**

**Case No. 5 - May 2001**

**Tissue from: Left ovary**

**Accession #28592**

**Clinical Abstract:**

On ultrasound, this 81-year-old, gravida 1, para 1 female was found to have a 10.0 cm mass.

**Gross Pathology:**

The 135 gram collapsed cystic ovary measured 7.5 x 5.5 x 5.0 cm. The external surface was hemorrhagic with fibrous adhesions. The internal cavity contained numerous fragments of soft, fleshy, pink-tan tissue, with areas of necrotic change.

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**Contributor: Gordon Hadley, M.D.  
Hangzhou, People's Republic of China**

**Case No. 6 - May 2001**

**Tissue from: Ovary**

**Accession #28134**

**Clinical Abstract:**

During routine physical examination, this 35-year-old female was found to have a right ovarian mass. Ultrasound confirmed a 7 x 5 x 4 cm mass.

**Gross Pathology:**

The 8.0 x 5.0 x 4.0 cm ovarian mass was solid gray with multiple small cysts.

**Contributor: W. Leonard Taylor, M.D.**  
**Redlands, CA**

**Case No. 7 - May 2001**

**Tissue from: Left ovary**

**Accession #28945**

**Clinical Abstract:**

During a postpartum checkup, an ultrasound study showed a left ovarian mass in this 26-year-old female. She was asymptomatic and no mass had been noted during her pregnancy or delivery.

**Gross Pathology:**

The external surface of the mass was purple-gray, bosselated and intact. Cut surface exposed many cysts ranging up to 3.5 cm in diameter. The majority of the interior was soft light gray tissue with the consistency of brain.

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**Contributor: Harold Reikes, M.D.**  
**Riverside, CA**

**Case No. 8 - May 2001**

**Tissue from: Uterus**

**Accession #28158**

**Clinical Abstract:**

Complaining of pelvic pain, urinary incontinence and irregular menses, this 37-year-old gravida 5, para 4, ab 1 female underwent a hysterectomy.

**Gross Pathology:**

The enlarged, asymmetrical uterus weighed 224 grams and measured 13.0 x 8.0 x 7.0 cm. The myometrium contained a 5.0 cm yellow-pink somewhat myxoid mass.

**Case No. 9 - May 2001**

**Accession #28260**

### **Clinical Abstract:**

With a history of dysfunctional uterine bleeding, this 37-year-old female underwent myomectomy.

### Gross Pathology:

The 20 gram firm, rubbery mass measured 4.5 x 4.0 x 4.0 cm and had a glistening gray-white cut surface.

**Case No. 10 - May 2001**

**Accession #28172**

### **Clinical Abstract:**

This 70-year-old female presented with the inability to urinate for the past three days. Pelvic exam showed a prolapsed bladder and an enlarged uterus.

**Gross Pathology:**

The 590 gram uterus was 11.5 x 12.5 x 9 cm. The wall was almost completely replaced by a 9.2 cm diameter intramural tumor. The cut surface of the tumor was white-tan, slightly myxomatous and nodular.

### SPECIAL STUDIES:

Desmin positive