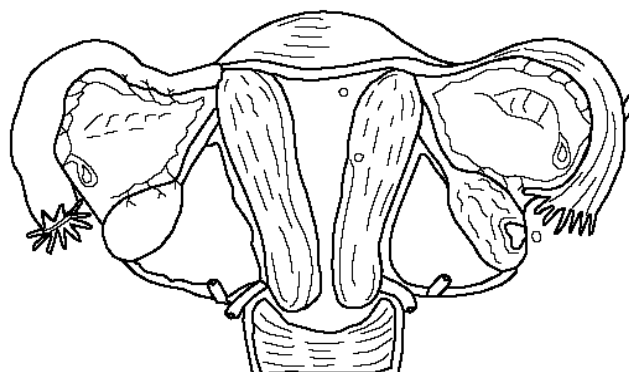


CALIFORNIA  
TUMOR TISSUE REGISTRY

## **“GYNECOLOGIC PATHOLOGY”**

**Study Cases, Subscription A**

**April 2002**



**California Tumor Tissue Registry**  
c/o: Department of Pathology and Human Anatomy  
Loma Linda University School of Medicine  
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Web page: [www.cttr.org](http://www.cttr.org)  
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: Kenneth Frankel, M.D.  
Covina, CA**

**Case No. 1 - April 2002**

**Tissue from: Cervix**

**Accession #29369**

**Clinical Abstract:**

After presenting with vaginal bleeding, this 51-year-old female was found to have a pedunculated polypoid cervical mass.

**Gross Pathology:**

The red-tan polypoid piece of tissue measured 4.6 x 2.7 x 2.2 cm and had a soft homogeneous cut surface.

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**Contributor: Arno Roscher, M.D.  
Granada Hills, CA**

**Case No. 2 - April 2002**

**Tissue from: Cervix**

**Accession #29329**

**Clinical Abstract:**

This 37-year-old female underwent a total hysterectomy with bilateral salpingo-oophorectomy. A presenting clinical history is not available.

**Gross Pathology:**

The uterus with bilateral adnexa weighed 137 grams. The cervical os was shaggy. The cervical parenchyma was indurated, with the induration almost circumferential and extending to the cervical-uterine body junction. On the portio vaginalis, extending onto the vaginal cuff, were numerous mucosal nodules, up to 0.4 cm in greatest diameter.

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

**Case No. 3 - April 2002**

**Tissue from: Vaginal wall**

**Accession #29292**

**Clinical Abstract:**

This 36-year-old female had chronic renal failure and had been on dialysis for approximately 6 years. She was gravida 1, with delivery by cesarean section. After 3 weeks of intermittent vaginal bleeding, she presented to the emergency department and was found to have a vaginal wall mass.

**Gross Pathology:**

A 115 gram white whorled nodule had been 'shelled out' from the vaginal wall and measured 8.2 x 7.5 x 5.3 cm.

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

**Case No. 4 - April 2002**

**Tissue from: Uterus**

**Accession #29379**

**Clinical Abstract:**

Because of post menopausal bleeding, this 64-year-old female underwent a hysterectomy with bilateral salpingo-oophorectomy.

**Gross Pathology:**

The uterus with attached adnexa weighed 215 grams. Within the 9.5 x 5.5 x 5.0 cm uterus was a friable soft pink-tan mass that filled and distended the uterine cavity and grossly replaced much of the thickness of the uterine wall.

**Contributor: Pamela Boswell, D.O.**  
**San Diego, CA**

**Case No. 5 - April 2002**

**Tissue from: Left ovary**

**Accession #29360**

**Clinical Abstract:**

This 34-year-old female presented with back pain. Ultrasound showed a large complex, cystic mass in her left ovary.

**Gross Pathology:**

The 12.5 x 9.0 x 5.5 cm ovary contained a large cystic cavity filled with cheesy material and hair. A 6.5 x 5.5 x 4.0 cm solid region was yellow-tan, generally soft, but focally very hard.

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

**Case No. 6 - April 2002**

**Tissue from: Right ovary**

**Accession #29136**

**Clinical Abstract:**

Following 18 months of heavy post menopausal bleeding, this 80-year-old female underwent a work-up which showed simple endometrial hyperplasia without atypia, an elevated CA-125 level, and a right adnexal mass on CT scan. She had not been on hormone replacement therapy.

**Gross Pathology:**

The right ovary weighed 166 grams and was completely replaced by a 9.0 x 8.0 x 4.5 cm soft, largely cystic pink-brown and tan neoplasm.

**Contributor: Edward J. Kane, Jr., M.D.**  
**San Diego, CA**

**Case No. 7 - April 2002**

**Tissue from: Left ovary**

**Accession #29307**

**Clinical Abstract:**

During an uncomplicated third pregnancy, this 31-year-old female had a routine ultrasound that showed a complex left ovarian mass.

**Gross Pathology:**

The 5.8 x 5.4 x 4.0 cm cystic ovary exuded a thick yellow fluid on sectioning. The internal aspect of the cyst had papillary excrescences occupying about 70% of the surface.

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**Contributor: Ellen C. Ko, M.D.**  
**Birmingham, AL**

**Case No. 8 - April 2002**

**Tissue from: Ovary**

**Accession #29344**

**Clinical Abstract:**

This 49-year-old female presented with a large pelvic mass. She underwent a total hysterectomy with bilateral salpingo-oophorectomy.

**Gross Pathology:**

One ovary weighed 90 grams and measured 6.5 x .05 x 5.0 cm. The other ovary weighed 85 grams and measured 6.0 x 6.0 x 4.0 cm. Both ovarian masses had tan-yellow parenchyma with multiple cystic cavities and areas of hemorrhage and necrosis.

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

**Case No. 9 - April 2002**

**Tissue from: Left ovary**

**Accession #29339**

**Clinical Abstract:**

During work-up for post-menopausal bleeding, this 71-year-old female was found to have a left ovarian mass.

**Gross Pathology:**

The 526 gram ovarian mass was 12.0 cm in greatest diameter.

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**Contributor: Edward J Kane, Jr., M.D.  
San Diego, CA**

**Case No. 10 - April 2002**

**Tissue from: Left ovary**

**Accession #29306**

**Clinical Abstract:**

After complaining of vague, intermittent left lower quadrant pain for three months, this 51-year-old female underwent a CT scan which revealed a complex adnexal mass.

**Gross Pathology:**

The smooth, oval ovarian mass measured 17.0 x 11.0 x 5.0 cm. The cut surface showed solid and cystic areas, the cystic areas filled with mucinous fluid.