

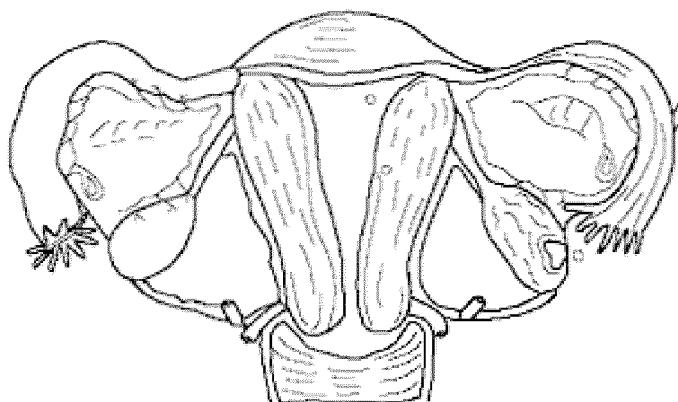


CALIFORNIA
TUMOR TISSUE REGISTRY

“GYNECOLOGIC PATHOLOGY”

Study Cases, Subscription B

March 2012



California Tumor Tissue Registry
c/o: Department of Pathology and Human Anatomy
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Web page: www.cttr.org
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:

Donald R. Chase, MD

CME Credit:

Loma Linda University School of Medicine designates this continuing medical education activity for a maximum of 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: Harris Goodman, M.D.
Oakland, CA**

Case No. 1 - March 2012 B

Tissue from: Vulva

Accession #30946

Clinical Abstract:

For two years, this 42 year-old woman had notices a mass in her right vulva.

Gross Pathology:

The resected mass was 8.5 cm in diameter.

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

Case No. 2 - March 2012B

Tissue from: Right ovary

Accession #31172

Clinical Abstract:

This 79 year-old woman had a pelvic mass.

Gross Pathology:

The 281 gram, 10.5 x 8 x 6.5 cm ovary was replaced by an ill-defined, variegated yellow-red nodular mass with focal cystic change.

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

Case No. 3 - March 2012 B

Tissue from: Left ovary

Accession #31163

Clinical Abstract:

A 35 year-old woman presented with abdominal distension and pain. Radiographic studies showed a large complex abdominal mass with ascites.

Gross Pathology:

The 2560 gram, 25 x 23 x 9 cm solid fleshy mass replace the left ovary. The cut surface was soft, gray-white with extensive necrosis.

Special Studies:

Positive: Inhibin, Calretinin

Negative: EMA, CK7, CK 5/6, PanKeratin

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

Case No. 4 - March 2012 B

Tissue from: Right ovary

Accession #31165

Clinical Abstract:

A 51 year-old woman had a right ovarian mass.

Gross Pathology:

The 2300 gram, 18 x 14 x 6 cm multicystic ovary had a 6 x 5 x 3.5 cm solid white area with multiple firm pink-tan nodules between the cysts.

**Contributor: Evelyn R. Blazado, M.D.
National City, CA**

Case No. 5 - March 2012 B

Tissue from: Bilateral ovaries

Accession #31028

Clinical Abstract:

This 17 year-old woman had pelvic pain and was found to have bilaterally enlarged ovaries.

Gross Pathology:

The left ovarian cyst weighed 1118 grams and was 15 x 12 x 9.5 cm. The outer surface was smooth. It contained cloudy serous fluid. The inner surface showed papillary excrescences ranging from 0.1 to 1.5 cm in greatest diameter. The previously opened right ovarian cyst weighed 19 grams and was 4 x 3.5 x 2.5 cm. The outer surface had papillary excrescences up to 3 cm in diameter. The inner surface had papillary excrescences contiguous with those on the surface.

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

Case No. 6 - March 2012 B

Tissue from: Bilateral ovaries

Accession #30959

Clinical Abstract:

A 51 year-old woman had a pelvic mass.

Gross Pathology:

The left ovary was 58 grams and obliterated by a 9 x 5.5 x 3.5 cm tumor, including a previously opened cyst. The cyst wall was smooth and there were no areas of roughening on the external surface. The 198 gram, 9 x 7.5 x 5 cm right ovary was multicystic with cysts up to 2.5 cm filled with serous fluid.

**Contributor: Alexandra Reichman, M.D.
Marysville, CA**

Case No. 7 - March 2012 B

Tissue from: Left ovary

Accession #31183

Clinical Abstract:

Seven years earlier this 78 year-old woman had a phyllodes tumor removed from her right breast. Four and six years later she had mastectomies for infiltrating ductal carcinoma of her right breast and infiltrating lobular carcinoma of her left breast. About six months after her last mastectomy, she complained of dull aching pelvic pain with fullness and bloating. Work-up found a complex left ovarian mass. Her CA125 was normal. She had no family history of breast, ovarian or colon cancer.

Gross Pathology:

The 17 x 13 x 9 cm left ovary was replaced by a multiloculated cystic mass, of which about 20% was solid yellow-tan and white.

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

Case No. 8 - March 2012 B

Tissue from: Uterus

Accession #31140

Clinical Abstract:

This 47 year-old, gravida 2, para 2, woman had been followed for a symptomatic uterine fibroid and underwent a hysterectomy.

Gross Pathology:

The 1770 gram, 15 x 15 x 11 cm multinodular uterus had multiple white, tan and yellow trabeculated nodules throughout myometrium and partially filling the endometrial cavity. The larger nodules showed hemorrhagic necrosis.

Special Studies:

Positive: CD10

Negative: Desmin, S100

**Contributor: Ellen Ko, M.D.
Colton, CA**

Case No. 9 - March 2012 B

Tissue from: Uterus

Accession #31099

Clinical Abstract:

A 38 year-old woman had a uterine mass and underwent a hysterectomy.

Gross Pathology:

The 11 x 8 x 5 cm uterus had a 12 x 10 x 10 cm subserosal mass arising from the anterior-superior aspect. The cut surface of the mass was yellow to beige with myxoid change and softening but no gross necrosis.

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

Case No. 10 - March 2012 B

Tissue from: Uterus

Accession #30685

Clinical Abstract:

This 50 year-old, gravida 2, para 2, woman had a history of symptomatic fibroids and underwent a hysterectomy.

Gross Pathology:

The 817 gram uterus was largely replaced by a variegated whorled intramural nodule 11 cm in greatest diameter.