

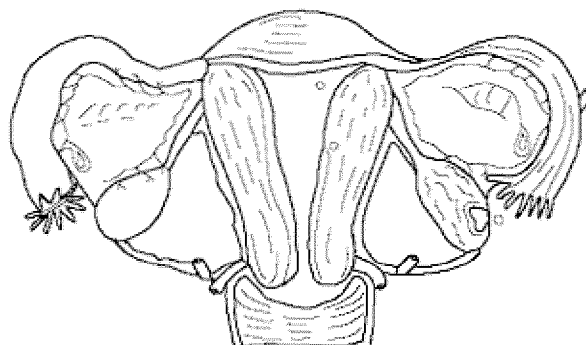


CALIFORNIA
TUMOR TISSUE REGISTRY

“GYNECOLOGIC PATHOLOGY”

Study Cases, Subscription A

September 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: LLUMC Pathology Group (scp)
Loma Linda, CA**

Case No. 1 - September 2012 A

Tissue from: Right ovary

Accession #31370

Clinical Abstract:

After complaining of persistent postmenopausal bleeding, this 73 year-old woman was found to have anemia and simple endometrial hyperplasia with an enlarged fibroid uterus, 18-week size. She underwent hysterectomy with bilateral salpingo-oophorectomy.

Gross Pathology:

The 553 gram, 13 x 12 x 8.5 cm right ovary was entirely replaced by a lobular yellow tumor with white fibrous streaks. There were no areas of hemorrhage or necrosis.

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

Case No. 2 - September 2012 A

Tissue from: Left ovary

Accession #31334

Clinical Abstract:

This 47 year-old woman was found to have a complex cystic ovarian mass.

Gross Pathology:

The 2.1 kg, 21 x 16 x 8 cm ovarian mass was multiloculated cystic with a dominant 6 cm solid mass. The exterior surface was smooth. The cystic regions were hemorrhagic but the solid mass was tan, fleshy and without hemorrhage or necrosis.

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

Case No. 3 - September 2012 A

Tissue from: Left ovary

Accession #31441

Clinical Abstract:

This 50 year-old woman was found to have bilateral pelvic masses.

Gross Pathology:

The 602 gram, 15 x 13 x 6 cm ovary was replaced by a papillary, multiloculated cystic mass.

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

Case No. 4 - September 2012 A

Tissue from: Ovaries and uterus

Accession #31367

Clinical Abstract:

A 52 year-old woman was found to have abdominal enlargement and pelvic masses.

Gross Pathology:

The left ovary with attached uterus weighed 231 grams. The ovary was 2 x 2 x 0.5 cm. The separately submitted right ovary was 1.6 x 1 x 1 cm. All of the specimens showed multiple papillary nodules on their serosal surfaces.

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

Case No. 5 - September 2012 A

Tissue from: Left ovary

Accession #31390

Clinical Abstract:

A 77 year-old woman presented with a pelvic mass.

Gross Pathology:

The 43 x 32 x 23 cm smooth-surfaced ovary contained 18 L of watery chocolate-brown fluid. After draining the fluid, the ovary weighed 1340 grams. Surrounding the main cystic space were multiple smaller cysts and numerous papillary excrescences. More solid regions showed areas of hemorrhage and necrosis.

Special studies:

Positive: BerEp4 (focal), CK 5/6 (focal), CK 20 (focal), mucicarmine (focal)

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

Case No. 6 - September 2012 A

Tissue from: Apex of vagina

Accession #31361

Clinical Abstract:

Some time after a total abdominal hysterectomy and bilateral salpingoophorectomy for endometriosis, this 57 year old woman presented with vaginal bleeding.

Gross Pathology:

Tissue from the apex of the vagina weighed 15 grams and consisted of a 6.5 x 2.5 x 2.5 cm portion of firm fibroadipose tissue with an overlying thin pink membrane.

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

Case No. 7 - September 2012 A

Tissue from: Left ovary

Accession #31419

Clinical Abstract:

A 13 year-old girl had an adnexal mass.

Gross Pathology:

The 209 gram, 9 x 7x 5 cm left ovary had a smooth glistening surface and contained a 3 cm diameter cyst. Adjacent solid tissue was variegated red and tan, hemorrhagic and soft.

Special studies:

Positive: CK cocktail, AFP

Negative: CK30

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

Case No. 8 - September 2012 A

Tissue from: Right ovary

Accession #31317

Clinical Abstract:

A 13 year-old girl had an adnexal mass and was found to have elevated alpha-fetoprotein (greater than 6000) and HCG (greater than 3000).

Gross Pathology:

The 1381 gram 17 x 11 x 7.5 cm ovary had a variegated red-tan cut surface with extensive necrosis.

Special studies:

Positive: AFP (focal); beta-HCG (focal); CK AE1/AE3; CD30 (focal)

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

Case No. 9 - September 2012 A

Tissue from: Uterus

Accession #31331

Clinical Abstract:

A 67 year-old woman had a pelvic mass.

Gross Pathology:

The 795 gram uterus with attached adnexa was 15 x 10 x 7 cm. A 13 x 11 x 7 cm necrotic mass filled the uterine cavity and was attached to the uterine wall near the fundic portion where it invaded approximately 30% of the thickness of the wall.

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

Case No. 10 - September 2012 A

Tissue from: Left ovary

Accession #30562

Clinical Abstract:

This 6 year old girl presented with a large pelvic mass.

Gross Pathology:

The 1230 gram, 17 x 14 x 6.5 cm mass had a soft rubbery white-tan cut surface with foci of hemorrhage and calcification.

Special studies:

Positive: CD79, Tdt

Negative: CD3, CD20