

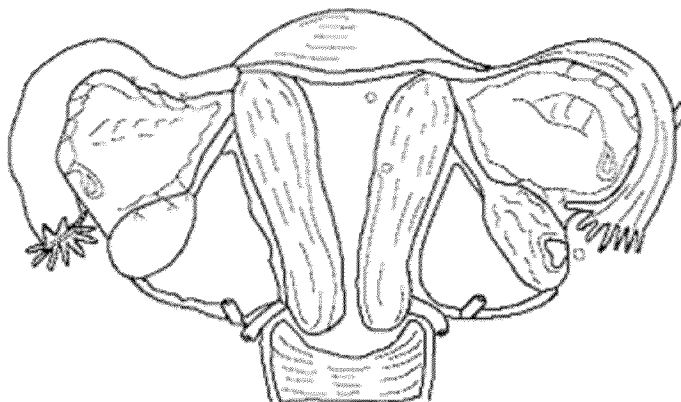


CALIFORNIA
TUMOR TISSUE REGISTRY

“GYNECOLOGIC PATHOLOGY”

Study Cases, Subscription B

March 2010



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
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 (gs)
Loma Linda, CA**

Case No. 1 - March 2010 B

Tissue from: Left adnexa

Accession #31280

Clinical Abstract:

A 32 year old woman presented with a left abdominal mass.

Gross Pathology:

A 6 cm mass was adjacent to the resected ovary.

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

Case No. 2 - March 2010 B

Tissue from: Right ovary

Accession #30817

Clinical Abstract:

A 20 year old woman presented with abdominal pain and was found to have torsion of a large right ovarian mass.

Gross Pathology:

The 513 gram, 14 x 9.5 x 9 cm ovary had an attached 10 x 9 x 6 cm mass. The cut surface was variegated tan and yellow with foci of hemorrhage.

**Contributor: Anthony Poole, M.D.
Sikeston, MO**

Case No. 3 - March 2010 B

Tissue from: Ovary

Accession #31079

Clinical Abstract:

This 34 year old woman underwent hysterectomy and was found to have a left ovarian mass.

Gross Pathology:

Not available.

**Contributor: Matjaz Sebenik, M.D.
Deerfield Beach, FL**

Case No. 4 - March 2010 B

Tissue from: Uterus

Accession #31032

Clinical Abstract:

A 50 year old woman with an enlarged uterus underwent hysterectomy.

Gross Pathology:

The 9.5 x 6 x 5 cm uterus showed diffuse thickening of the myometrium with focal intramural and subserosal poorly circumscribed nodules up to 4 cm in diameter.

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

Case No. 5 - March 2010 B

Tissue from: Right ovary

Accession #31037

Clinical Abstract:

A 25 year old woman presented with increasing abdominal discomfort and was found to have a complex right adnexal mass. Her CA-125 was normal.

Gross Pathology:

The pink cystic ovary weighed 122 grams and was 15 cm in greatest diameter. Protruding into the lumen of the cyst was a 7.5 cm diameter dome-shaped area which, on cut section, had both solid and cystic areas. The cystic areas had yellow waxy material and black hairs.

Editorial note: Other sections, not included in the study set, showed the presence of thyroid tissue.

Special Studies:

Positive: Chromogranin, synaptophysin

Negative: Inhibin

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

Case No. 6 - March 2010 B

Tissue from: Left ovary

Accession #31085

Clinical Abstract:

A 68 year old woman was found to have an abdominal mass.

Gross Pathology:

The 229 gram, 8.5 x 7.5 x 3.5 cm ovary was replaced by a white-tan to yellow-tan papillary mass without a recognizable capsule.

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

Case No. 7 - March 2010 B

Tissue from: Left ovary

Accession #30934

Clinical Abstract:

A 62 year old woman had a pelvic mass. She underwent an endometrial biopsy which showed complex hyperplasia with atypia. She underwent a hysterectomy with bilateral salpingoophorectomy.

Gross Pathology:

The 800 gram, 15 x 11 x 7 cm left ovary was replaced by a gray-tan tumor with an intact capsule.

**Contributor: Lester Thompson, M.D.
Woodland Hills, CA**

Case No. 8 - March 2010 B

Tissue from: Uterus

Accession #31057

Clinical Abstract:

A 50 year old woman presented with perimenopausal bleeding. Ultrasound demonstrated a number of masses within the myometrium and endometrial cavity. Hysterectomy was performed.

Gross Pathology:

The largest mass was 6 cm and seemed to surround or be intimately associated with smaller nodules. The largest mass was fleshy, while the other nodules were white, bosselated and raised above the cut surface.

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

Case No. 9 - March 2010 B

Tissue from: Uterus

Accession #31109

Clinical Abstract:

A 69 year old woman was found to have an enlarged uterus and underwent hysterectomy.

Gross Pathology:

The 318 gram uterus contained a 15 x 7 x 2.8 partially necrotic mass completely filling the endometrial cavity.

Special Studies:

Positive: CAM 5.2, Pancytokeratin

Negative: SMA, Desmin, CD10

**Contributor: Catherin Odell, M.D.
Riverside, CA**

Case No. 10 - March 2010 B

Tissue from: Endometrial curettings

Accession #31087

Clinical Abstract:

A 74 year old woman had an enlarged uterus and an endometrial curettage was performed.

Gross Pathology:

The 70 gram specimen consisted of a 9 x 8 x 2 cm aggregate of light tan polypoid tissue fragments up to 3 cm in greatest diameter.

Special Studies:

AE1/3: Positive in most cells; negative in spindle cells

Synaptophysin: Focally positive

Desmin: Positive in large round cells

CAM 5.2: Negative