

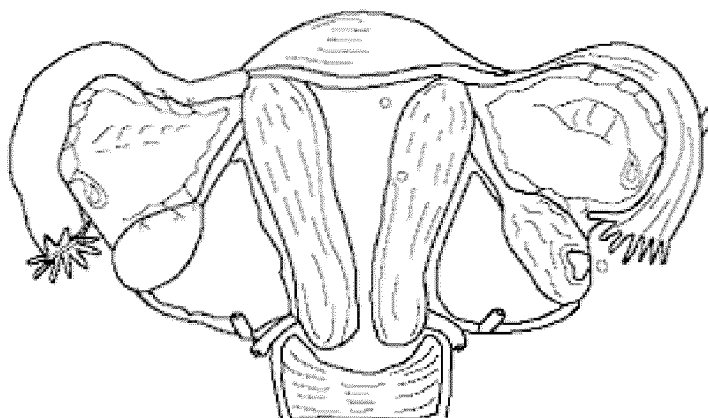


CALIFORNIA
TUMOR TISSUE REGISTRY

“GYNECOLOGIC PATHOLOGY”

Study Cases, Subscription A

April 2012



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
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 (dr)
Loma Linda, CA**

Case No. 1 - April 2012 A

Tissue from: Right ovary

Accession #31314

Clinical Abstract:

A 63 year-old woman was found to have a right pelvic mass.

Gross Pathology:

The 530 gram ovary was 21 x 21 x 9 cm with a smooth-wall cyst and a 10 x 4 x 4 cm solid area composed of homogeneous yellow stroma.

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

Case No. 2 - April 2012 A

Tissue from: Right ovary

Accession #31391

Clinical Abstract:

A 16 year-old girl had a right pelvic mass.

Gross Pathology:

The 2050 gram, 24 x 21 x 6.6 cm ovarian mass was tan, friable and tended to disintegrate with handling. The external surface was mostly smooth but had an area where tumor disrupted the capsule.

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

Case No. 3 - April 2012 A

Tissue from: Left ovary

Accession #29092

Clinical Abstract:

This 74 year-old woman presented with left lower quadrant pain and abdominal distention. A CT of her abdomen showed a large abdominopelvic mass. Past history included cholecystectomy, breast biopsies, hysterectomy for leiomyoma and appendectomy.

Gross Pathology:

The 6730 gram, 25 x 23 x 18 cm unilocular cystic ovary had two polypoid excrescences on its lining surface, 8.5 and 7.5 cm in diameter. The larger of these two masses was multicystic. The smaller was solid firm white tissue.

Special Studies:

Positive: Desmin, Smooth muscle actin, Alpha-fetoprotein

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

Case No. 4 - April 2012 A

Tissue from: Bilateral ovaries

Accession #31303

Clinical Abstract:

This 55 year-old woman had a large right-sided pelvic mass and elevated CA125.

Gross Pathology:

The 1150 gram left ovary was 18 x 10 x 9.5 cm with a smooth glistening surface and a multiloculated cystic and solid cut surface. The 150 gram right ovary was 8 x 7 x 4 cm with solid and cystic areas.

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

Case No. 5 - April 2012 A

Tissue from: Left ovary

Accession #31349

Clinical Abstract:

This 86 year-old woman had a pelvic mass. A hysterectomy with bilateral salpingoophorectomy was performed.

Gross Pathology:

The left ovary was replaced by an 8 x 5 x 3.8 cm necrotic mass that invaded the adjacent uterine wall.

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

Case No. 6 - April 2012 A

Tissue from: Left ovary and omentum

Accession #31271

Clinical Abstract:

A 74 year-old woman had a large abdominal mass. At surgery both ovaries, the omentum and numerous peritoneal surfaces were involved by tumor.

Gross Pathology:

The left ovary was a 4.5 gram aggregate of tissue fragments. The omentum weighed 95 grams and was 13 x 7 x 2.5 cm.

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

Case No. 7 - April 2012 A

Tissue from: Uterus

Accession #31330

Clinical Abstract:

A 67 year-old woman was found to have uterine enlargement.

Gross Pathology:

The 215 gram specimen included uterus with bilateral ovaries. The uterine cavity was obliterated by a tan friable nodular mass that extended into the endocervical canal. The tumor invaded more that half way through the uterine wall.

Special Studies:

Negative: HCG

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

Case No. 8 - April 2012 A

Tissue from: Right ovary

Accession #31358

Clinical Abstract:

This 17 year-old woman had an abdominal mass.

Gross Pathology:

The 90 gram right ovary was 6 x 5 x 5 cm and was replaced by a nodular white-yellow mass with focal calcifications.

Special Studies:

Positive: Inhibin (moderate), Calretinin (about 5% of tumor cells), Smooth muscle actin (moderate)

Negative: Cytokeratin cocktail, CAM5.2, CD99, Desmin, Mucicarmine

Contributor: Chester A. Spears, M.D.
Sikeston, MO

Case No. 9 - April 2012 A

Tissue from: Right ovary

Accession #31402

Clinical Abstract:

A 26 year-old woman was found to have a right ovarian mass.

Gross Pathology:

The 10 x 8 x 7 cm ovoid mass had a smooth surface and a solid tan to yellow cut surface.

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

Case No. 10 - April 2012 A

Tissue from: Uterus

Accession #31189

Clinical Abstract:

A 68 year-old woman presented with post-menopausal bleeding. A radical hysterectomy was performed after cytology was interpreted as “positive.”

Gross Pathology:

A 5.5 cm mass was present as a polypoid projection from the endometrium.