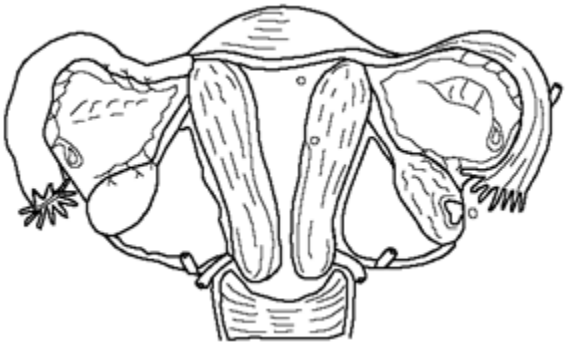
CALIFORNIA
TUMOR TISSUE REGISTRY

"GYNECOLOGIC PATHOLOGY"

Study Cases, Subscription B

March 2015



California Tumor Tissue Registry
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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/SAM 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. It also qualifies for up to 2 hours of SAM credit by the American Board of Pathology.
CME/SAM 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.

Case No. 1 - March 2015 B **Accession #32119**

Tissue from: Left ovary

Clinical Abstract:

This 31 year-old woman with autoimmune hepatitis was found to have a pelvic mass.

Gross Pathology:

The left ovary was 6.4 x 4.5 x 4.3 cm and was essentially replaced by a firm yellow-tan mass.

Case No. 2 - March 2015 B **Accession #31713**

Tissue from: Right ovary

Clinical Abstract:

This 67 year old woman was found to have a right adnexal mass.

Gross Pathology:

The 36 gram, 5 x 3.5 x 3 cm ovary showed a homogeneous pink-tan fibrous cut surface with a central region of possible necrosis.

Case No. 3 - March 2015 B **Accession #31784**

Tissue from: Left ovary

Clinical Abstract:

A 45 year-old woman with endometriosis underwent oophorectomy.

Gross Pathology:

The 80 gram nodular ovary was 9 x 5 x 3 cm and had a homogeneous firm yellow cut surface.

Case No. 4 - March 2015 B **Accession #31756**

Tissue from: Right ovary

Clinical Abstract:

This 28 year-old woman had a right lower quadrant abdominal mass.

Gross Pathology:

The 70 gram ovary was 9 x 6 x 2 cm and had a 9 cm diameter ruptured cyst. The inner surface showed thin walled loculations and numerous small cysts.

Case No. 5 - March 2015 B **Accession #31755**

Tissue from: Right ovary

Clinical Abstract:

This 88 year-old woman had a prior history of lung carcinoma, breast carcinoma and chronic renal insufficiency. She was found to have a right adnexal mass.

Gross Pathology:

The 280 gram ovary was 12 x 8 x 5 cm and contained multiple smooth-walled cysts filled with clear fluid.

Case No. 6 - March 2015 B **Accession #31717**

Tissue from: Right ovary

Clinical Abstract:

A 40 year-old woman with chronic constipation was found to have a complex right adnexal mass.

Gross Pathology:

The 75 gram ovary was received as multiple fragments forming a 9 x 9 x 2 cm aggregate.

Case No. 7 - March 2015 B **Accession #31706**

Tissue from: Left ovary

Clinical Abstract:

This 47 year-old woman was found to have a pelvic mass.

Gross Pathology:

The 310 gram bosselated ovary was 18 x 15 x 6 cm and predominately cystic. Solid portions were bright yellow and crossed by rare white fibrous bands. The cystic areas were lined by smooth translucent tissue without interior excrescences. The largest cyst was 8 cm in greatest diameter.

Case No. 8 - March 2015 B **Accession #31786**

Tissue from: Left ovary

Clinical Abstract:

This 20 year-old woman had hyperemesis gravidarum. In the 22nd week of her pregnancy she was found to have a complex left adnexal mass.

Gross Pathology:

The 23 gram ovary was 5 cm in greatest diameter and contained both solid and smooth-surfaced cystic areas filled with a thick tan mucinous material. Some regions showed hair.

Case No. 9 - March 2015 B **Accession #30860**

Tissue from: Left ovary

Clinical Abstract:

For about a week, this 11 year-old girl complained of abdominal fullness and firmness. Beta-HCG and CA-125 levels were elevated.

Gross Pathology:

The 1285 gram ovary was completely replaced by an 11 cm diameter gray-white lobulated solid mass.

Case No. 10 - March 2015 B **Accession #31737**

Tissue from: Uterus

Clinical Abstract:

Following an endometrial biopsy, this 76 year-old woman underwent a hysterectomy.

Gross Pathology:

The 171 gram specimen included an 11 x 6.5 x 2 cm uterus which contained a 5 x 4 cm yellow-tan firm but friable mass filling the endometrial cavity, appearing to arise from the posterior wall.