

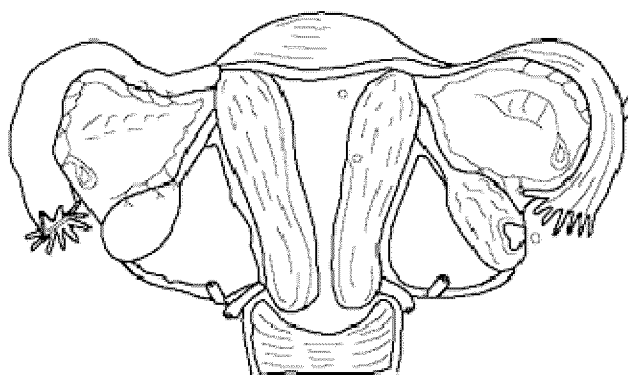


CALIFORNIA
TUMOR TISSUE REGISTRY

“OVARIAN PATHOLOGY”

Study Cases, Subscription A

May 2014



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/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 - May 2014 A

Accession #31654

Tissue from: Right ovary

Clinical Abstract:

This 50 year-old woman presented with pelvic pain and was found to uterine fibroids and a right ovarian mass.

Gross Pathology:

The 279 gram solid tumor was 8.4 x 8.1 x 6.2 cm with a white-cream cut surface with foci of hemorrhage.

Case No. 2 - May 2014 A

Accession #31638

Tissue from: Left ovary

Clinical Abstract:

This 45 year-old woman with cirrhosis was found to have a complex left adnexal mass.

Gross Pathology:

The 198 gram smooth-walled cystic mass was 10 x 9 x 7.5 cm. There were not papillary excrescences on the outer surface. Within the cyst were yellow-tan solid nodules, fragments of bone and strands of hair.

Case No. 3 - May 2014 A

Accession #26515

Tissue from: Right ovary

Clinical Abstract:

This 31 year-old woman presented with abdominal discomfort and was found to have a right adnexal mass.

Gross Pathology:

The mass was 11.5 cm in greatest diameter with a multilobulated solid and mucinous cut surface showing extensive hemorrhage and delicate calcifications.

Case No. 4 - May 2014 A

Accession #31520

Tissue from: Left ovary

Clinical Abstract:

A 57 year-old woman presented with post-menopausal bleeding.

Gross Pathology:

The left ovary showed a 2 cm solid yellow mass.

Case No. 5 - May 2014 A

Accession #20887

Tissue from: Left ovary

Clinical Abstract:

This 68 year-old woman presented with vague fullness in her left lower abdominal quadrant. A left adnexal mass was found.

Gross Pathology:

The intact cystic tumor weighed 1550 grams and was 15 cm in greatest diameter. After removal of cyst fluid, the mass weighed 560 grams. The outer surface was smooth, without excrescences. The cut surface showed numerous smooth walled cysts from 0.5 to 11 cm in diameter. A solid mass within the tumor was 15 x 6 x 4.5 cm.

Case No. 6 - May 2014 A

Accession #29346

Tissue from: Left ovary

Clinical Abstract:

A 25 year-old woman was found to have a left adnexal mass.

Gross Pathology:

The cystic ovary was 9 x 8.7 x 3 cm with a smooth outer surface. The internal surface was granular, red-tan and hemorrhagic.

Case No. 7 - May 2014 A

Accession #31226

Tissue from: Left ovary

Clinical Abstract:

This 41 year-old woman has a left ovarian mass.

Gross Pathology:

The 184 gram ovary was 7 x 6 x 5 cm and was entirely replaced by a variegated yellow-tan mass with areas of necrosis and hemorrhage.

Special Studies:

Negative: CK 5/6, Inhibin

Case No. 8 - May 2014 A

Accession #31676

Tissue from: Left and right ovaries

Clinical Abstract:

A 42 year-old woman, on hemodialysis for chronic renal disease, and with a history of hyperthyroidism, was found to have bilateral ovarian masses.

Gross Pathology:

The right ovary was 110 grams with a 7 x 6 x 5 cm smooth-walled cyst. The 17 gram left ovary had a previously deflated 3.5 x 3 x 1 cm smooth-walled cyst.

Case No. 9 - May 2014 A

Accession #31677

Tissue from: Right ovary

Clinical Abstract:

A 21 year-old woman was pregnant at 7 weeks' gestation when she was found to have a right ovarian mass.

Gross Pathology:

The 1650 gram, 19 x 12 x 11 cm multiloculated cystic mass had a smooth serosal surface. On the internal aspect of the cyst wall were multiple tan and yellow papillations ranging from 0.2 to 2.5 cm in greatest diameter.

Case No. 10 - May 2014 A

Accession #31589

Tissue from: Right ovary

Clinical Abstract:

A 39 year-old woman was found to have a pelvic mass.

Gross Pathology:

The 660 gram mass was 14 x 9.5 x 7.5 cm and had a smooth outer surface. The unilocular cyst was 7.8 cm in diameter with about 50% of the inner aspect covered by complex, polypoid mucinous projections. The wall in that region was thickened up to 1.6 cm.