

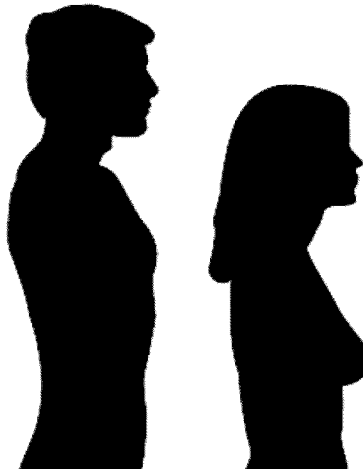


**CALIFORNIA
TUMOR TISSUE REGISTRY**

“GENERAL PATHOLOGY”

Study Cases, Subscription A

May 2010



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 (dr)
Loma Linda, CA**

Case No. 1 - May 2010 A

Tissue from: Right distal radius (wrist)

Accession #31139

Clinical Abstract:

Loss of function in her right wrist led this 54 year old woman to seek medical attention. Radiographs showed a bony lesion with soft tissue extension.

Gross Pathology:

The 280 gram, 12 x 8 x 6.5 cm specimen included a stub of bone with a 6.5 x 5 x 4 cm mass eroding the adjacent bone.

**Contributor: E. M. Courier, M.D.
Fullerton, CA**

Case No. 2 - May 2010 A

Tissue from: Testis

Accession #24126

Clinical Abstract:

This 57 year old man was found to have a right testicular tumor.

Gross Pathology:

The 6.5 cm testicle was completely replaced by a pale gray-tan neoplasm.

Contributor: Mei Jin, M.D.
Hangzhou, People's Republic of China

Case No. 3 - May 2010 A

Tissue from: Stomach

Accession #30976

Clinical Abstract:

This 74 year old man underwent a total gastrectomy for a tumor involving the gastric body.

Gross Pathology:

The 10.5 x 8.5 cm ulcerating mass involved the full thickness of the gastric wall.

Special Studies:

Positive: Chromogranin, CD117

Negative: AE1/AE3, CAM 5.2, CK20, Desmin, SMA, S100, CD45, Synatophysin

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

Case No. 4 - May 2010 A

Tissue from: Skin of submental region

Accession #31002

Clinical Abstract:

A 74 year old woman had noticed a slowly changing mass in the submental region. It had recently rapidly increased in size. CT showed involvement of the cervical lymph node chain.

Gross Pathology:

Not available.

Special Studies:

Positive: CAM 5.2 (dot-like), Synatophysin, BCL2

Negative: Cytokeratin cocktail

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

Case No. 5 - May 2010 A

Tissue from: Right parotid

Accession #30936

Clinical Abstract:

A 55 year old woman was found to have a right parotid mass.

Gross Pathology:

The 213 gram composite resection included a 6 x 5 x 5 cm heterogeneous, partially necrotic white-yellow tumor invading the mandible.

Special Studies:

PAS-positive, diastase-resistant granules present
Multifocal positivity for S100, GFAP and SMA

Composite Case - Both submissions are utilized as case 6. They look similar, and have the same diagnosis. You received either one, or the other in your study set.

- *Some slides are from:*

**Contributor: Honngang Shen, M.D.
Anaheim, CA**

Case No. 6 - May 2010 A

Tissue from: Retroperitoneum

Accession #30266

Clinical Abstract:

This 60 year old woman was found to have a large right-sided retroperitoneal mass.

Gross Pathology:

Within the 2,523 gram composite resection specimen was a well-encapsulated 22 x 15 x 11 cm soft tan-yellow to pale tan mass with a 10 cm area of hyperemic myxoid degeneration.

- *Other slides are from:*

**Contributor: John Goldblum, M.D.
Cleveland, OH**

Case No. 6 - May 2010 A

Tissue from: Shoulder

Accession #30517

Clinical Abstract:

This 49 year old man was found to have a left shoulder mass.

Gross Pathology:

The mass was 4.5 cm in greatest diameter

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

Case No. 7 - May 2010 A

Tissue from: Liver

Accession #31056

Clinical Abstract:

This 51 year old man had a long history of hepatitis B. His liver enzymes had increased slightly and so a core biopsy was performed to determine grade and stage of his hepatitis. After the biopsy, a partial hepatectomy was performed.

Gross Pathology:

The partial liver lobectomy specimen contained a 7 x 6.5 cm bulging pale mass.

Contributor: Michael Richardson, M.D.
Lynwood, CA

Case No. 8 - May 2010 A

Tissue from: Left ovary

Accession #30608

Clinical Abstract:

This 19 year old, gravida 0, para 0 woman presented with a seven month history of pelvic abdominal pain and a rapidly enlarging pelvic mass. CT scan showed a large solid and cystic mass.

Gross Pathology:

The 1,150 gram smooth-surfaced ovary was 17 x 14 x 8 cm. The cut surface was solid and cystic, with cysts up to 4 cm in greatest diameter. The solid portions were tan to yellow-white.

Special Studies:

Inhibin: negative

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

Case No. 9 - May 2010 A

Tissue from: Uterus

Accession #30917

Clinical Abstract:

This 60 year old woman was found to have a large uterine mass.

Gross Pathology:

The 1,050 gram, 17.5 x 15 x 8 cm uterus contained a 13 x 10 x 6 cm fungating, gelatinous, focally cystic mass occupying the entire uterine cavity. The mass invaded the myometrium, forming numerous intramural nodules.

Special Studies:

Positive: Smooth muscle actin, desmin, caldesmon

Negative: Epithelial markers, S100, CD31, CD34, CD68, CD117

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

Case No. 10 - May 2010 A

Tissue from: Uterus

Accession #31118

Clinical Abstract:

This 84 year old woman had a large uterine mass.

Gross Pathology:

The 1,050 gram, 22 x 14 x 10 cm uterus had a 6.5 cm diameter variegated rubbery poorly circumscribed mass in the myometrium with multiple other myometrial nodules and an 8 x 6 x 5 cm necrotic mass filling the uterine cavity.

Special Studies:

Positive: CEA (apical), Desmin, Myogenin, Muscle specific actin

Negative: CD10, Smooth muscle actin