

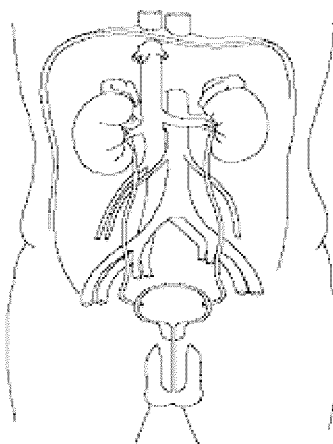


CALIFORNIA
TUMOR TISSUE REGISTRY

“GENITOURINARY PATHOLOGY”

Study Cases, Subscription A

November 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 (hr)
Loma Linda, CA**

Case No. 1 - November 2012 A

Tissue from: Left testicle

Accession #31446

Clinical Abstract:

This 49 year-old man presented with a left testicular mass. His serum beta-HCG was elevated and alpha-fetoprotein was within normal limits.

Gross Pathology:

The 108 gram 7 x 5.5 x 5 cm testicle was essentially replaced by a variegated tan and brown firm mass.

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

Case No. 2 - November 2012 A

Tissue from: Right testicle

Accession #31438

Clinical Abstract:

A 53 year-old man presented with an enlarging right testicle. He had noted a feeling of heaviness, and a mass was identified during scrotal examination. Ultrasound showed a solid mass.

Gross Pathology:

The orchiectomy specimen showed a 4.5 x 3.5 x 3.3 cm mass grossly contained within the tunica.

Contributor: David Linder, M.D.
San Francisco, CA

Case No. 3 - November 2012 A

Tissue from: Urinary bladder

Accession #14109

Clinical Abstract:

For two months this 49 year-old woman had intermittent hematuria and suprapubic pain with voiding. An IVP showed a space-occupying lesion in the bladder.

Gross Pathology:

The bladder weighed 300 gm and was filled by a 7 x 6 x 5 cm mass which originated from the dome and replaced much of the underlying bladder wall. The cut surface of the mass was yellow-white with necrosis.

Special Studies:

Positive: Actin, Desmin (focal, scant), CK cocktail (focal, scant)

Negative: S100

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

Case No. 4 - November 2012 A

Tissue from: Kidney

Accession #31433

Clinical Abstract:

After about 6 weeks of generally feeling badly, this 44 year-old woman sought medical attention after several days of nausea and diaphoresis. CT evaluation showed a large pelvic mass. Work-up also showed markedly decreased renal function and a nephrectomy was performed.

Gross Pathology:

Not available.

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

Case No. 5 - November 2012 A

Tissue from: Left kidney

Accession #31351

Clinical Abstract:

This newborn was found to have a large left renal mass.

Gross Pathology:

The 132 gm, 10 x 6.5 x 4 cm kidney had a bulging 6 x 5 x 2.5 cm lower pole mass. The cut surface was yellow trabeculated rubbery, replacing about half of the kidney parenchyma.

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

Case No. 6 - November 2012 A

Tissue from: Left kidney

Accession #31442

Clinical Abstract:

This 69 year-old woman was found to have hydronephrosis with a left renal mass.

Gross Pathology:

The 481 gram, 20 x 11 x 7 cm kidney with attached perinephric fat showed a 9.3 cm golden brown solid tumor arising from the inferior pole. It did not grossly invade the calyceal system, renal vein or perinephric fat.

Contributor: Louis Sarbeck, M.D.
Tallahassee, FL

Case No. 7 - November 2012 A

Tissue from: Kidney

Accession #31506

Clinical Abstract:

This 39 year-old woman underwent resection of a right renal mass.

Gross Pathology:

The resected kidney contained a 7 cm diameter multicystic tumor.

Special Studies:

Positive: ER, PGR, inhibin (focal), calretinin (focal)

Negative: EMA

Contributor: Louis Sarbeck, M.D.
Tallahassee, FL

Case No. 8 - November 2012 A

Tissue from: Kidney

Accession #31500

Clinical Abstract:

A 50 year-old man was found to have a renal mass.

Gross Pathology:

The resected mass was 3.6 cm in greatest diameter, limited to the kidney.

Special Studies:

Some of the tumor cells are PAS positive.

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

Case No. 9 - November 2012 A

Tissue from: Right kidney

Accession #31336

Clinical Abstract:

This 73 year-old woman had a right renal mass.

Gross Pathology:

The 1,400 gm, 30 x 13 x 9.5 cm resection specimen included a kidney that was largely replaced by a 14 x 7.4 x 5 cm nodular, yellow-white tumor. The tumor involved the renal parenchyma and invaded the renal pelvis.

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

Case No. 10 - November 2012 A

Tissue from: Left kidney

Accession #31337

Clinical Abstract:

This 15 month-old girl was found to have two large masses in her left kidney.

Gross Pathology:

The 670 gram, 15 x 11 x 9.5 cm kidney had two gray-tan masses at opposite poles. The smaller mass in the upper pole was 8 x 5.5 x 5.5 cm. The larger mass in the lower pole was 10 x 9.5 x 8 cm. Both tumors had homogeneous white-tan parenchyma with small areas of necrosis.